# vRSLCM REST Public API for 8.4.0


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# Documentation Disclaimers

The APIs published below are added as part of version 8.4.0

# vRSLCM High Level Deployment Flow

# vRSLCM REST API Introduction

This wiki describes about vRSLCM APIs. APIs are structured such a way that it's following typical UI flow. Each sectrion has a list of APIs and request and response payloads according to operations. vRLCM supports **application/json** as a media type.

As part of this first need to get a bearer token from vIDM by using vIDM API. SessionToken is the one which is going to be used as a bearer token.

| **Name** | **HTTP Method** | **Endpoint** |
|---|---|---|
| Get bearer token | POST | https://<vIDM Hostname>/SAAS/API/1.0/REST/auth/system/login<br><br>Request Body :<br><br>{<br>"username": "configadmin",<br>"password": "VRLCM1!",<br>"issueToken": "true"<br>}<br><br>Response Body :<br><br>{<br><br>"id": null,<br>"sessionToken": "eyJ0eXAiOiJKkiOiJlYTY4ZW",<br>"firstName": null,<br>"lastName": null,<br>"admin": false<br>} |

# Authentication

vRSLCM APIs can be accessed either by local user (admin@local) or vIDM user. Both will use the Authorization HTTP header.

# Local User based authentication

Local authentication uses **basic** Authorization header.

curl -H "Authorization: Basic <token>" -k https://<vRSLCM hostname>/lcm/lcops/api/settings/systemsettings

<vRSLCM hostname> : The hostname / IP of vRSLCM managing the vIDM cluster.
<token> : The Base64 encoded value of "username:password". Here username is 'admin@local', and password is admin@local user's password.

**Example**:

curl -H "Authorization: Basic YWRtaW5AbG9jYWw6Vk13YXJlMSE=" -k https://vrlcm.vrack.local/lcm/lcops/api/settings/systemsettings

# vIDM based authentication

This authentication mechanism is preferred when vRSLCM is integrated with vIDM and user would like to access vRSLCM API's using vIDM based auth. vIDM based authentication involves two steps, 1) To get the toekn from vIDM and 2) To make vRSLCM API call with that token.

1. **Get vIDM Bearer token**

As part of this first need to get a bearer token from vIDM by using vIDM API. SessionToken is the one which is going to be used as a bearer token.

| **Name** | **HTTP Method** | **Endpoint** |
|---|---|---|

| | | |
|---|---|---|
| Get bearer token | POST | https://<vIDM Hostname>/SAAS/API/1.0/REST/auth/system/login<br><br>Request Body :<br><br>{<br>"username": "configadmin",<br>"password": "VRLCM1!",<br>"issueToken": "true"<br>}<br><br>Response Body :<br><br>{<br><br>"id": null,<br>"sessionToken": "eyJ0eXAiOiJKkiOiJlYTY4ZW",<br>"firstName": null,<br>"lastName": null,<br>"admin": false<br>} |

2. **Perform vRSLCM API calls**

With the bearer( aka sessionToken) retrieved from the above step. We can call the vRSLCM APIs as below

curl -H "Authorization: Bearer <token>" -k https://vrlcm.vrack.local//lcm/lcops/api/settings/systemsettings

**Example**:

curl -k https://<vRSLCM hostname>/lcm/lcops/api/settings/systemsettings -H "Authorization: Bearer LTQ5OWEtYTk"

# Locker Operation APIs

## Locker Certificate Operation APIs

| Name | HTTP Method | Endpoint | Description |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Generate a new Certificate | POST | /lcm/locker/api/v2/certificates<br>Request body :<br>{<br>"alias": "cert2",<br>"cN": "certificate2",<br>"ip": [<br>"10.196.15.13"<br>],<br>"host": [<br>"*.sqa.local"<br>],<br>"oU": "vmware",<br>"size": "2048",<br>"o": "vmware",<br>"l": "IN",<br>"sT": "IN",<br>"c": "IN",<br>"validity" : 729<br>}<br><br>Response code : 200 OK<br>Response body :<br>{<br>"alias": "cert2",<br>"key": "-----BEGIN PRIVATE KEY-----<br>\nMIIEvQIBADANBgkqhkiG9w0BAQEFAASC<br>BKcwggSjAgEAAoIBAQCvFd+h7BHsGJIz\n<br>Xn5Ho/sLTUDIlJi9nxT2iTYmvYJK6DhzMG<br>kJDM8lFSMYKfNFHAckOcfv4Mk3QB0q\nh/<br>5HIVvw9dwVoMj+fjo4rxaT/fFVd+MIJjcT<br>ZiSqAY3IyPJlFmBSJw6bv6NqwvIP\nnzY0<br>0iOmo4lSkSO7h/eBEa6gIcP5CX47vBOdbG<br>Lxlqk8WEZZM0ZwGUrkPBqJrGN5\nts2LFc<br>FCBzt8rd+0ylO60CjWx9HvyZ46dOjt0Zfm<br>U0Z6OUvjLT4BO8dhRwcB3Epo\nP69rgk9S<br>uO9U3RH0HniKI8g0grEREYNt5S3VejUefj<br>h+r1D1CxYF/if4GtHeSNcE\nqg0G+XR5Ag<br>MBAAECggEAC/KQCsB9Vhk0o879SsX2t/YW<br>90EFnb3s7Chfkrvwl8w6\nKukZJ8oRGhiT<br>xx64uCTyG0+alETIck3cl6YFTOUKvToHwU<br>2SHaSvNCZFggaMiP6n\n9krGTBt2oce+nT<br>6SJOIGo2CBK5FjlUHViwmcJTVYQ7Mp6CGZ<br>mL7N3ce/PPPk57nY\nPBUeWrwZQ2o/cPuv<br>IoGkMkUvXoNLx5uSh8ICqdzCojaX3WlRWA<br>8AKMOesG4QeN/8\n7HKP0jj8ZxXJ2PSpIu<br>ISsYpx8zqeqUGz9NTubWHyxCxhsOm2vrgM<br>oHZYlYZSM2pW\n+nKuPlQ2lTTElhvb8BO6<br>Ia5Qqk1Di5x+eFbtyFxKQQKBgQDmxpoLM5<br>r7zDABjAZO\nnJOIXq83rUSvxvXW6O5wrN<br>EvS/DNgbZzMjVkgmsmt499LPx1O9646Dcq<br>WTvPIMz1\nzTWaqCdUBPZVuQ3VkDndH9yV<br>iycCOotGjy20tTq69kqvU0ID5A7hERQsa0<br>zx864q\nZXydoAlY81K1nOk/JsmWYBqSuQ | This API is used to generate a new certificate.<br><br>**Field descriptions :**<br><br>alias - Alias for the certificate<br><br>c - Country Code<br><br>cN - Common Name<br><br>ip - IP Addresses<br><br>host - Server Domain/Hostname<br><br>oU - Organizational Unit<br><br>size - Key Length ( Either 2048 or 4096 bits)<br><br>o - Organization<br><br>l - Locality<br><br>sT - State<br><br>validity - Validity of the certificate. ( more than 15 days ) |

KBgQDCOPxQIi4x2C+hfG+kR3saKAhGFBpX
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  "validations": [],
  "validity": {
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    "issuedOn": "2020-07-
27T01:12:21.000+0000",
    "healthy": true
  },
  "certInfo": {
    "subject": "C=IN, ST=IN, L=IN,
O=vmware, OU=vmware, CN=vmware",
    "issuer": "C=IN, O=VMware,
CN=vRealize Suite Lifecycle
Manager Locker CA",
    "san": "IP: 10.196.15.13, DNS:
*.sqa.local",
    "algorithm": "SHA256WITHRSA",
    "keyAlgorithm": "RSA",

| | | | |
|---|---|---|---|
| | | "keyLength": 2048,<br>"sha256": "a37c439d28a9ca6880182f3ed4de4fb7586eb5effe912a0224b28bf70a3a5f83",<br>"sha1": "4ff3bb2d67dbd81d98001294b562ae1cf2060fe0"<br>}<br>} | |

| | | | |
|---|---|---|---|
| Delete a Certificate | DELETE | /lcm/locker/api/v2/certificates/{vmid}<br>Request parameter :<br>vmid : bee2f5de-7b3f-407f-a8c4-22a9220e077f<br><br>Response code : 200 OK<br>Response body :<br>{<br>"certChain": "-----BEGIN CERTIFICATE-----<br>\nMIIDzzCCAregAwIBAgIGAXON2rrTMA0GCSqGSIb3DQEBCwUAMFMxMzAxBgNVBAMM\nKnZSZWFsaXplIFN1aXRlIExpZmVjeWNsZSBNYW5hZ2VyIExvY2tlciBDQTEPMA0G\nA1UECgwGVk13YXJlMQswCQYDVQQGEwJJTjAeFw0yMDA3MjcwMTE5NDhaFw0yMjA3\nMjcwMTE5NDhaMFoxDzANBgNVBAMMBnZtd2FyZTEPMA0GA1UECwwGdm13YXJlMQ8w\nDQYDVQQKDAZ2bXdhcmUxCzAJBgNVBAcMAklOMQswCQYDVQQIDAJJTjELMAkGA1UE\nBhMCSU4wggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQCj4AcR4nEGFX07\n7746gtcfDRSprywMHVvL7tw16T5NIW3aiZdAG0+Y1LHKP/ySi1y4Tw7puJDaCHQH\n4Es40GcgdcjHJ9B5rcANI7suCelqSF0jWAEBVIz5+OMCX7KcgKbCnXnZFORk7BW6\nsNnrQcdou89SzEAQWhbDQN/Gkewoac+XEsuxrf4TVXsSIzjDCnpXtA4bAoGYZMhl\nMmpCi6KkIeboOfISFf2ndkArV5xImJRLGEipo9Rzb3o9fRAQ2h6yIew0ClXic7eN\nxVWpMBkdscQBufDKXAJ00ugAF36thWG+rAL05P/4iWLVGLWG00o48O/sh44qVYFU\nUmw/YU3rAgMBAAGjgaEwgZ4wHQYDVR0OBBYEFMKgidsQyZNHdWfQunuH1tN+klM7\nMB8GA1UdIwQYMBaAFH3ByevtTx1c8uvqnjvv4yqZyWrMMBwGA1UdEQQVMBOHBArE\nDw2CCyouc3FhLmxvY2FsMA4GA1UdDwEB/wQEAwIFoDAgBgNVHSUBAf8EFjAUBggr\nBgEFBQcDAgYIKwYBBQUHAwEwDAYDVR0TAQH/BAIwADANBgkqhkiG9w0BAQsFAAOC\nAQEAqujRcuXVQhYYcrLvs2ddWDjMlhb4N5sDFTaQGBQSc5neIpBxcTNCoukRJh7R\nAamIxMSVgOIupMa1mA/FDYqdd1uC7hUeIScYo3JxKpmd7iuHik8t3WKenTlXCE7T\nOOGHDrZ7ta51pq3sXdHtyN1OvypnzYYsSN3APXP9VX71R1RL2YKl8DfdBkSaerfT\nwawhmeZwQnOPvGJZCqMqVxgOzVb7rZqmMq7aFNZ1uzhu022zsb60CpfqaobHo0fj\neajCueMj38MQDhoeMQiooYwDL4PGgWizgiBX1N5cP996OJTyU2no//TBszq9Wp1M\nly1KbWOlGL/14KD3cGKn85L8QA==\n-----END CERTIFICATE-----\n-----BEGIN CERTIFICATE-----<br>\nMIIDiTCCAnGgAwIBAgIGAXNHiB6cMA0GCSqGSIb3DQEBCwUAMFMxMzAxBgNVBAMM\n | This API is used to delete an already existing certificate. |

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|---|---|---|---|
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| Creates CSR with a Key | POST | /lcm/locker/api/v2/certificates/csr<br>**CSR generation**<br>Request body : "csrEntity"<br><br>{<br>"c": "certificate1",<br>"cN": "certificate1",<br>"ip": [<br>"10.196.57.68"<br>],<br>"host": [<br>"*.sqa.local"<br>],<br>"oU": "vmware",<br>"size": "2048",<br>"o": "vmware",<br>"l": "IN",<br>"sT": "IN",<br>"c": "IN"<br>}<br><br>Response code : 200 OK<br>Response Body :<br><br>-----BEGIN CERTIFICATE REQUEST-----<br>MIIDDjCCAfYCAQAwWjEPMA0GA1UEAwwGdm<br>13YXJlMQ8wDQYDVQQLDAZ2bXdhcmUx<br>DzANBgNVBAoMBnZtd2FyZTELMAkGA1UEBw<br>wCSU4xCzAJBgNVBAgMAklOMQswCQYD<br>VQQGEwJJTjCCASIwDQYJKoZIhvcNAQEBBQ<br>ADggEPADCCAQoCggEBAOC2a8KUCkAq<br>/VyKjqUFTITleAq/4hfwH7FYFgR8qCVUWW<br>8HFMAwxpA3oN3AsSu5kFBnvSpbNwgr<br>lSCqJw7vjikjsTwLGTx75PnJqhP/Bni2nN<br>M60lzp4BHYEfZq/8D8MMnIBpxmEqjz<br>QzrfsbRBvLlm/F2Q40oPzqsd69E2VcKUsc<br>f89tBzbVomN2nV8s5rmgpuugJnrEBc<br>Z7bKJwj1N9doIQ95hL66suXawGXLxJ7oZu<br>fx4omnNQX39yO+N1IYBuh98GTBmhFy<br>OWYs2hbNyPgAYy4n4D6MgG6bWR4JggARbN<br>+kNk9UWwyDfkRaI9TvkEmk/Xe+YRaU<br>OT6QD837DaUCAwEAAaBvMG0GCSqGSIb3DQ<br>EJDjFgMF4wHAYDVR0RBBUwE4cECsQP<br>DYILKi5zcWEubG9jYWwwDgYDVR0PAQH/BA<br>QDAgWgMCAGA1UdJQEB/wQWMBQGCCsG<br>AQUFBwMCBggrBgEFBQcDATAMBgNVHRMBAf<br>8EAjAAMA0GCSqGSIb3DQEBCwUAA4IB<br>AQCfweR4kRjf967biqs7bNPyr+rlWLDUtR<br>wuNpCNfhf0YtijYhKRXIdGXomzE8e8<br>T6hK5812kEzp12X7IAZm77IgUQfVI5FGC1<br>wmsHl+eH/f7/lqQh11XFyv/OWjRzqw<br>6/ZhbENDgS9L2i1sZdTW1mTF0KV8r/jC86<br>E7W2Hju135KmARk+ND1+N79PnevhFi | This API is used to create a Certificate Signing Request (CSR). |

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| | | tNBjeVS5wI2Jk3P+zoFqz6GrqxXBx/W2vQ<br>U32xuHskjlWzUQI+GqMnRn5lgTvtUe<br>h2xh11rybPWJ9hJYK6tWaZ7uGcpFck1LhK<br>26qOJzNp+mRFQ48BDyokTtDwP4rsRN<br>jDzWJUDVap7uNdOHBDZeZcYY<br>-----END CERTIFICATE REQUEST-----<br>-----BEGIN PRIVATE KEY-----<br>MIIEvQIBADANBgkqhkiG9w0BAQEFAASCBK<br>cwggSjAgEAAoIBAQDgtmvClApAKv1c<br>io6lBUyE5XgKv+IX8B+xWBYEfKglVFlvBx<br>TAMMaQN6DdwLEruZBQZ70qWzcIK5Ug<br>qicO744pI7E8Cxk8e+T5yaoT/wZ4tpzTOt<br>Jc6eAR2BH2av/A/DDJyAacZhKo80M6<br>37G0Qby5ZvxdkONKD86rHevRNlXClLHH/P<br>bQc21aJjdp1fLOa5oKbroCZ6xAXGe2<br>yicI9TfXaCEPeYS+urLl2sBly8Se6Gbn8e<br>KJpzUF9/cjvjdSGAboffBkwZoRcjlm<br>LNoWzcj4AGMuJ+A+jIBum1keCYIAEWzfpD<br>ZPVFsMg35EWiPU75BJpP13vmEWlDk+<br>kA/N+w2lAgMBAAECggEABIf5JUvJ5yBWyo<br>pqtO4l7FoaMRFMdFIduXw+uWlwFIye<br>XwxEAVoabucIQeB0Uh7kR5LH8DY1pl8Gm0<br>mDDxyKf87d8ImCwUL4S4ci/FM8pKt9<br>/w5lFoWKxKFYP2FJ9fC/5Rm49Gdkge6h0O<br>qY0TswHIb0mMhmpOQrtSydyDKxyQIf<br>5MMoxR3xDfozLJZ7hN5l7gGX1SenbfOeaA<br>xA/oGpMqkJ8qW2SUJ9mX9r5IJgxl0b<br>bMR33hn5hBjcz4hOuByZxvm0zzrfMr0HRm<br>qdMZJAgkHfSh9QbXWO5We7dW6QMMH7<br>s8X64NyZ+o3I5i6ffDS60GHmiS8EZRA2eL<br>QZ5hRCswKBgQD1Onz+nNnG1/nGwCEQ<br>j/qDd+4xL/W8RE4jJoNrQ9F5jhlCw+Qysg<br>Z9ymzOe59PN8ZyZS1zV9QZLLz0yNNK<br>L6ky0fjhesUE6Zx9NGxkxi04Q6bZcW5Ag1<br>aRiDQCxaRNoAVeTZWFQPLDPRJtQrlH<br>rrmUBgqRc0zY8f2NwT/BwexljwKBgQDqlT<br>0IhG/e5YCU7fZXFd+k4KnT7+SaVxgs<br>zPnqZ+48uQnJVmaM2VCQ7q0eYwCGsaP7UL<br>Yrees0PkdUBzVECIJqZj0JTvnibaB1<br>sPMw/jXPd70ZxL6N2y1XOZTKcrylJ4tWlZ<br>sb036VvwV26LssYdWz/C0VT8o9ctSO<br>cqUiVBcHiwKBgQDncoJSVHt+Ho1Rtjf+x8<br>TqnCClL9zACb+tkUXr0SA9l43j47rW<br>1gsmYgz7fNXJEJ0tjqys9jHqaL0WUwyIMh<br>+BJYe+V/7nOg1GZln/asN3HPK2u0YR<br>gWQNCv37t8nwsZ0feh4qnDgDaPqhQJ5aN2<br>BTgrgquyXGg+6JAeFI39xbpQKBgFN4<br>tzcIqSYPVCmqYzWpuuLYbpXTjuy8gQWwCl<br>22jbddwHW8INGNonVv+HoPkGhdXZRX<br>q/rcby0v3AGybum+fWmO57kgORqxF5/JTz<br>/ntQ4V9Vvt/kBL9V5MRv2ixi2eXJ56<br>ra7BGxH93tvpBHFOftSEryYeNkCXU7s8YD<br>ZO5cLxAoGANYg3n86b6s8ncWom5EC5<br>Puyj88dBCpatDpFZHilJk5me/4NxELr8ca<br>DNw2MiumXGzsDCGBWg9Ro2Z91TCtI5 | |

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| | | Yvso46KTAWpHoNKihMpjIlr5XSb9SfjnNgj0rHYhO+scOGVnvJwFMfj+RNN8k8uQJcXyGyWthkoN8lNcAgBoil8=<br>-----END PRIVATE KEY----- | |
| List Paginated Certificates | GET | /lcm/locker/api/v2/certificates<br>Request parameters :<br>size : 10<br>from : 1<br>aliasQuery : cert2<br><br>Response code : 200 OK<br>Response body :<br>{<br>"page": 0,<br>"total": 1,<br>"certificates": [<br>{<br>"vmid": "6246ef46-ad30-4470-b7b1-e202c89fa6ba",<br>"subject": "C=IN, ST=IN, L=IN, O=vmware, OU=vmware, CN=vmware",<br>"issuer": "C=IN, O=VMware, CN=vRealize Suite Lifecycle Manager Locker CA",<br>"algorithm": "SHA256WITHRSA",<br>"sha1": "4170ceb21de45b3a8edeab707b7b9fc1d68052bb",<br>"alias": "cert2",<br>"healthy": true<br>}<br>]<br>} | This API is used to list the paginated certificates. |

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| Import an Already Existing Certificate | POST | /lcm/locker/api/v2/certificates/import<br>Request body : "importRequestDTO"<br>{<br>"alias": "cert2",<br>"privateKey": "-----BEGIN PRIVATE KEY-----<br>\nMIIEvgIBADANBgkqhkiG9w0BAQEFAASC<br>BKgwggSkAgEAAoIBAQCj4AcR4nEGFX07\n<br>7746gtcfDRSprywMHVvL7tw16T5NIW3aiZ<br>dAG0+Y1LHKP/ySi1y4Tw7puJDaCHQH\n4E<br>s40GcgdcjHJ9B5rcANI7suCelqSF0jWAEB<br>VIz5+OMCX7KcgKbCnXnZFORk7BW6\nsNnr<br>Qcdou89SzEAQWhbDQN/Gkewoac+XEsuxrf<br>4TVXsSIzjDCnpXtA4bAoGYZMhl\nMmpCi6<br>KkIeboOfISFf2ndkArV5xImJRLGEipo9Rz<br>b3o9fRAQ2h6yIew0ClXic7eN\nxVWpMBkd<br>scQBufDKXAJ00ugAF36thWG+rAL05P/4iW<br>LVGLWG00o48O/sh44qVYFU\nUmw/YU3rAg<br>MBAAECggEAAKh1zs6+eRxH+vV3qZYnP/2A<br>9Od6VqLINhWY9nHKfsEg\nxve2JEXtIrt5<br>P/XUJqXUSFHaSPpP6+2MbbsAV6jlPnOf9p<br>tvJ7XuEf9v5nuYCjBi\niLGh8LvtWamesR<br>PqTIeVuS1XCmtI5CuF23s5/MsFqSLWmR9Z<br>2IGhcBpIFmzf6mT0\nuLlJ5UhzD7nNGeHn<br>GoBEqqAfVom1UhdNCIhEOAp+CLZ1qBbgFD<br>nA63Rb7nGi2Opx\nP6OkCLXflGP0KP+jF0<br>THT0r1lami+a4AJQzhFcXlYJKKrwjz4erP<br>ZCxVLaCc9Aob\nblMZcd08MP4ML73IYLrE<br>5SkJhJE00vc2TSR5D+TeFQKBgQDnRgjxPD<br>XA96ZNGwPC\nIO5gyit85guTHi2XcMlq3i<br>6jL3lbcspuGt+3X3wVXB6+2sRe1p3yTNmI<br>WuvbmJXX\na3PERphY/0Qs9Y8ZIFGpk88X<br>vJ6dSpAdXd7N/XqVh7v3W1UNI/uhja7bNV<br>b9vj2K\n/UqpxedEfkOQjq16uWm2WN3CvQ<br>KBgQC1ZUtmJLfxtdboO9yEq3nPE9GPbf0R<br>XjYY\n9b1iULPTUc6cHDv1CGX1/M2H5oC6<br>hWFDKA+mmTEg4A+mJf3+iKsE6MM/6ndkxG<br>Jw\nVW8APe3pFzkqC6lWtjtntwFnbGajDw<br>JQnhBsI5ddxbh2eutDVLL7okhm6UPFqy93<br>\nlm1LWYfxxwKBgQDJ/aIbx6GPKvzFRT3w<br>FED+qjR3PpiHYokhRnG0c985yWHt3AEv\n<br>Tytrheri4PU9beaqijmjATnQ3NA4mDjuz7<br>tphtrSiAhsWAAmStLoD9+E9Ml3yUK7\nU1<br>wgfy3MYaNqtAtBkdbZT9yTOjADKF+p//Vw<br>+Bc3/CtYmzSrBjts9oqg5QKBgQCo\nMiSX<br>sbReC54Z+GehHN71hArsU7A0Soce3b2dS/<br>dyGojZd9SggAkK7j4lpTX3vXVS\nL/NTJv<br>jG4vufs9qwCUmKY8mnmmDarr4YKx+hucrA<br>NyhqNCXwoUi0ApzqqTkCOQiM\neAQCQX45<br>FPzV32QGKqNLcE5yHhkZUIHTAUiWdY34QQ<br>KBgCar2ZxEUn7eXqzu1hb+\nhV3rGYYU0I<br>iMp0lfhzHsdCu/E+oUlVypsgahmLSRzkY8<br>arb2u4Ao2vf+qtZvd2O1\n74BOKtClR4/g<br>SHdleM1D4eRBwjQyquS8wmS7nh3XbJGYvN<br>qetvZ66FFAKXRXnLlg\nv88cSS1uhynUfP | This API is used to import an already existing certificate. |

Szjb1+wDa5\n-----END PRIVATE KEY-----\n",
    "certificateChain": "-----BEGIN CERTIFICATE-----
\nMIIDzzCCAregAwIBAgIGAXON2rrTMA0GCSqGSIb3DQEBCwUAMFMxMzAxBgNVBAMM\nKnZSZWFsaXplIFN1aXRlIExpZmVjeWNsZSBNYW5hZ2VyIExvY2tlciBDQTEPMA0G\nA1UECgwGVk13YXJlMQswCQYDVQQGEwJJTjAeFw0yMDA3MjcwMTE5NDhaFw0yMjA3\nMjcwMTE5NDhaMFoxDzANBgNVBAMMBnZtd2FyZTEPMA0GA1UECwwGdm13YXJlMQ8w\nDQYDVQQKDAZ2bXdhcmUxCzAJBgNVBAcMAklOMQswCQYDVQQIDAJJTjELMAkGA1UE\nBhMCSU4wggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQCj4AcR4nEGFX07\n7746gtcfDRSprywMHVvL7tw16T5NIW3aiZdAG0+Y1LHKP/ySi1y4Tw7puJDaCHQH\n4Es40GcgdcjHJ9B5rcANI7suCelqSF0jWAEBVIz5+OMCX7KcgKbCnXnZFORk7BW6\nsNnrQcdou89SzEAQWhbDQN/Gkewoac+XEsuxrf4TVXsSIzjDCnpXtA4bAoGYZMhl\nMmpCi6KkIeboOfISFf2ndkArV5xImJRLGEipo9Rzb3o9fRAQ2h6yIew0ClXic7eN\nxVWpMBkdscQBufDKXAJ00ugAF36thWG+rAL05P/4iWLVGLWG00o48O/sh44qVYFU\nUmw/YU3rAgMBAAGjgaEwgZ4wHQYDVR0OBBYEFMKgidsQyZNHdWfQunuH1tN+klM7\nMB8GA1UdIwQYMBaAFH3Byevtx1c8uvqnjvv4yqZyWrMMBwGA1UdEQQVMBOHBArE\nDw2CCyouc3FhLmxvY2FsMA4GA1UdDwEB/wQEAwIFoDAgBgNVHSUBAf8EFjAUBggr\nBgEFBQcDAgYIKwYBBQUHAwEwDAYDVR0TAQH/BAIwADANBgkqhkiG9w0BAQsFAAOC\nAQEAqujRcuXVQhYYcrLvs2ddWDjMlhb4N5sDFTaQGBQSc5neIpBxcTNCoukRJh7R\nAamIxMSVgOIupMa1mA/FDYqdd1uC7hUeIScYo3JxKpmd7iuHik8t3WKenTlXCE7T\nOOGHDrZ7ta51pq3sXdHtyN1OvypnzYYsSN3APXP9VX71R1RL2YKl8DfdBkSaerfT\nwawhmeZwQnOPvGJZCqMqVxgOzVb7rZqmMq7aFNZ1uzhu022zsb60CpfqaobHo0fj\neajCueMj38MQDhoeMQiooYwDL4PGgWizgiBX1N5cP996OJTyU2no//TBszq9Wp1M\nly1KbWOlGL/14KD3cGKn85L8QA==\n-----END CERTIFICATE-----\n-----BEGIN CERTIFICATE-----
\nMIIDiTCCAnGgAwIBAgIGAXNHiB6cMA0GCSqGSIb3DQEBCwUAMFMxMzAxBgNVBAMM\nKnZSZWFsaXplIFN1aXRlIExpZmVjeWNsZSBNYW5hZ2VyIExvY2tlciBDQTEPMA0G\nA1UECgwGVk13YXJlMQswCQYDVQQGEwJJTjAeFw0yMDA3MTMwOTM2MDlaFw0zMDA3\nMTEwOTM2MDlaMFMxMzAxBgNVBAMMKnZSZWFsaXplIFN1aXRlIExpZmVjeWNsZSBN\nYW5hZ2VyIExvY2tlciBDQTEPMA0GA1UECgwGVk13YXJlMQswCQYDVQQGEwJJTjCC\nASIwDQYJ

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| | | KoZIhvcNAQEBBQADggEPADCCAQoCggEBAO<br>Pn0pF8f2RQcaLr6WoxbatL\nv1bm9ksE0U<br>3QQnTeLgnHwdE97CkDWdDh1Zlx30JkDntS<br>qx3eJeum5zvJ6RBzEIBa\noTA48Hw8MnEv<br>ucTsZN1/tAAwbmbwiT4VuojvoQQkoKxprq<br>JTB8NTpWmpJj8pg9eJ\ndnlJ0SASp8k9BK<br>N38O/L9gejSpqwbr8DA7VzR3wW3lhxciaz<br>EiJ2MTf0by8eBCnA\nyvVgHVL3092nNTrd<br>PVtcpEnIU/g6Day8dmvCqza/w8fvzeDLW4<br>AT3jn5uug7S+tL\ngx8N9+sVyxKEDMymjx<br>E8npAUAvRSuHNDFTMgEkYIsGxcl3Th1Qo1<br>CXJwBEmOiasC\nAwEAAaNjMGEwHQYDVR0O<br>BBYEFH3ByevtTx1c8uvqnjvv4yqZyWrMMB<br>8GA1UdIwQY\nMBaAFH3ByevtTx1c8uvqnj<br>vv4yqZyWrMMA8GA1UdEwEB/wQFMAMBAf8w<br>DgYDVR0P\nAQH/BAQDAgGGMA0GCSqGSIb3<br>DQEBCwUAA4IBAQCfx7KWiWiHmhi/2Fd/5U<br>YQOZ1k\ng1qGEp8KV0E7JwV8WHsTHogIDn<br>Luanj5rYBCTP5PHrU29qgOrxqn9Zy7vMvF<br>/MFF\nMlLOgei8sloSeUpKLOdfqUwojRo7<br>WGVZNKd7AaJc7R+zmzcql+xGmb4nJVx+fE<br>gU\nMCoSicaYoLTyXMili3WcNAkRSQgdhE<br>743vhu674aXQrCbDg/AFTuwNin4SwrLjQK<br>\npVcUO6RiwkVAJ3Y4RtFrqz5rwR9SZD3U<br>/3bqrIzqajuKuSbqZl5uizH3L5in8r9r\n<br>fddXMQbK+b3A7v3AaJemFDm/hOEgm50p5j<br>h0TZC92E/qI3vFyC7FMkHaRGm6\n-----<br>END CERTIFICATE-----\n",<br>"passphrase": "cert2"<br>}<br><br>Response code : 200 OK<br>Response body :<br>{<br>"alias": "cert2",<br>"key": "-----BEGIN PRIVATE KEY--<br>---<br>\nMIIEvgIBADANBgkqhkiG9w0BAQEFAASC<br>BKgwggSkAgEAAoIBAQCj4AcR4nEGFX07\n<br>7746gtcfDRSprywMHVvL7tw16T5NIW3aiZ<br>dAG0+Y1LHKP/ySi1y4Tw7puJDaCHQH\n4E<br>s40GcgdcjHJ9B5rcANI7suCelqSF0jWAEB<br>VIz5+OMCX7KcgKbCnXnZFORk7BW6\nsNnr<br>Qcdou89SzEAQWhbDQN/Gkewoac+XEsuxrf<br>4TVXsSIzjDCnpXtA4bAoGYZMhl\nMmpCi6<br>KkIeboOfISFf2ndkArV5xImJRLGEipo9Rz<br>b3o9fRAQ2h6yIew0ClXic7eN\nxVWpMBkd<br>scQBufDKXAJ00ugAF36thWG+rAL05P/4iW<br>LVGLWG00o48O/sh44qVYFU\nUmw/YU3rAg<br>MBAAECggEAAKh1zs6+eRxH+vV3qZYnP/2A<br>9Od6VqLINhWY9nHKfsEg\nxve2JEXtIrt5<br>P/XUJqXUSFHaSPpP6+2MbbsAV6jlPnOf9p<br>tvJ7XuEf9v5nuYCjBi\niLGh8LvtWamesR<br>PqTIeVuS1XCmtI5CuF23s5/MsFqSLWmR9Z<br>2IGhcBpIFmzf6mT0\nuLlJ5UhzD7nNGeHn | |

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KBgCar2ZxEUn7eXqzu1hb+\nhV3rGYYU0I
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arb2u4Ao2vf+qtZvd2O1\n74BOKtClR4/g
SHdleM1D4eRBwjQyquS8wmS7nh3XbJGYvN
qetvZ66FFAKXRXnLlg\nv88cSS1uhynUfP
Szjb1+wDa5\n-----END PRIVATE KEY--
---\n",
  "certChain": "-----BEGIN
CERTIFICATE-----
\nMIIDzzCCAregAwIBAgIGAXON2rrTMA0G
CSqGSIb3DQEBCwUAMFMxMzAxBgNVBAMM\n
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BNYW5hZ2VyIExvY2tlciBDQTEPMA0G\nA1
UECgwGVk13YXJlMQswCQYDVQQGEwJJTjAe
Fw0yMDA3MjcwMTE5NDhaFw0yMjA3\nMjcw
MTE5NDhaMFoxDzANBgNVBAMMBnZtd2FyZT
EPMA0GA1UECwwGdm13YXJlMQ8w\nDQYDVQ
QKDAZ2bXdhcmUxCzAJBgNVBAcMAklOMQsw
CQYDVQQIDAJJTjELMAkGA1UE\nBhMCSU4w
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EKAoIBAQCj4AcR4nEGFX07\n7746gtcfDR
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CERTIFICATE-----\n-----BEGIN
CERTIFICATE-----
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CSqGSIb3DQEBCwUAMFMxMzAxBgNVBAMM\n
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CXJwBEmOiasC\nAwEAAaNjMGEwHQYDVR0O
BBYEFH3ByevtTx1c8uvqnjvv4yqZyWrMMB
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vv4yqZyWrMMA8GA1UdEwEB/wQFMAMBAf8w
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DQEBCwUAA4IBAQCfx7KWiWiHmhi/2Fd/5U
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  "leafCert": "-----BEGIN
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CSqGSIb3DQEBCwUAMFMxMzAxBgNVBAMM\n
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Fw0yMDA3MjcwMTE5NDhaFw0yMjA3\nMjcw
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CERTIFICATE-----\n",
  "validations": [],
  "validity": {
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and 22 days",
    "expiresOn": "2022-07-
27T01:19:48.000+0000",
    "issuedOn": "2020-07-
27T01:19:48.000+0000",
    "healthy": true
  },

| | | | |
|---|---|---|---|
| | | "certInfo": {<br>"subject": "C=IN, ST=IN, L=IN, O=vmware, OU=vmware, CN=vmware",<br>"issuer": "C=IN, O=VMware, CN=vRealize Suite Lifecycle Manager Locker CA",<br>"san": "IP: 10.196.15.13, DNS: *.sqa.local",<br>"algorithm": "SHA256WITHRSA",<br>"keyAlgorithm": "RSA",<br>"keyLength": 2048,<br>"sha256": "e29cc66231a79af587e903e7cfbaf6d3d0ea392e36f496b7a2f078c54579faeb",<br>"sha1": "2647735d8fd5c6f45edea04d0b2a64db1cdd6a64"<br>}<br>} | |

# Locker Password Operation APIs

| **Name** | **HTTP Method** | Endpoint |
|---|---|---|
| Creates a new Password in a Password Store | POST | lcm/locker/api/v2/passwords<br>Request body : "password"<br>{<br>"alias": "VC-password",<br>"createdOn": 0,<br>"lastUpdatedOn": 0,<br>"password": "Vmware!300",<br>"passwordDescription": "",<br>"principal": "",<br>"userName": "",<br>}<br><br>Response code : 200 OK<br>Response body :<br>{<br>"vmid": "1a31bcc0-9e27-41db-b6a3-af4e724a3fb2",<br>"alias": "VC-password",<br>"userName": "",<br>"password": "PASSWORD****",<br>"passwordDescription": "",<br>"principal": "",<br>"createdOn": 1595813525653,<br>"lastUpdatedOn": 1595813525653<br>} |

| | | |
|---|---|---|
| Edit a Password based on the Vmid | PATCH | /lcm/locker/api/v2/passwords/{vmid}<br>Request parameter :<br>vmid : 1a31bcc0-9e27-41db-b6a3-af4e724a3fb2<br>Request body : "password"<br>{<br>"alias": "VC-password",<br>"createdOn": 1595813525653,<br>"lastUpdatedOn": 1595813525653,<br>"password": "Vrslcm1!",<br>"passwordDescription": "",<br>"principal": "",<br>"userName": "",<br>}<br><br>Response code : 200 OK |
| Get complete information of a Password based on the Vmid | GET | /lcm/locker/api/v2/passwords/detail/{vmid}<br>Request parameter :<br>vmid : 1a31bcc0-9e27-41db-b6a3-af4e724a3fb2<br><br>Response code : 200 OK<br>Response body :<br>{<br>"vmid": "1a31bcc0-9e27-41db-b6a3-af4e724a3fb2",<br>"alias": "VC-password",<br>"userName": "",<br>"password": "PASSWORD****",<br>"passwordDescription": "",<br>"principal": "",<br>"createdOn": 1595813525653,<br>"lastUpdatedOn": 1595813839757<br>} |

| | | |
|---|---|---|
| Get paginated list of Passwords available in the Store | GET | /lcm/locker/api/v2/passwords<br>Request parameters :<br>size : 10 [default]<br>from : 0 [default]<br>aliasQuery : [blank] [optional]<br><br>Response code : 200 OK<br>Response body :<br>{<br>"page": 0,<br>"total": 2,<br>"passwords": [<br>{<br>"vmid": "1a31bcc0-9e27-41db-b6a3-af4e724a3fb2",<br>"alias": "VC-password",<br>"userName": "",<br>"password": "PASSWORD****",<br>"passwordDescription": "",<br>"principal": "",<br>"createdOn": 1595813525653,<br>"lastUpdatedOn": 1595813839757<br>},<br>{<br>"vmid": "65b3111f-5512-4915-b68c-d1c0fde2f86e",<br>"alias": "VC2-password",<br>"userName": "devuser@vsphere.local",<br>"password": "PASSWORD****",<br>"passwordDescription": "",<br>"createdOn": 1595807306182,<br>"lastUpdatedOn": 1595807306182<br>}<br>]<br>} |
| Delete a Password based on the Vmid | DELETE | /lcm/locker/api/v2/passwords/{vmid}<br>Request parameter :<br>vmid : 2a626b60-efd4-4d1a-bc2a-695d467b0eb3<br><br>Response code : 200 OK<br>Response body :<br>{<br>"vmid": "2a626b60-efd4-4d1a-bc2a-695d467b0eb3",<br>"alias": "VMware1!200",<br>"userName": "",<br>"password": "Vrslcm!",<br>"passwordDescription": "",<br>"principal": "",<br>"createdOn": 1600007526460,<br>"lastUpdatedOn": 1600007573766<br>} |

| | | |
|---|---|---|
| View decrypted password providing correct root password | POST | /lcm/locker/api/v2/passwords/{vmid}/decrypted |
| Get Password based on vmid | GET | /lcm/locker/api/v2/passwords/{vmid} |

# Locker License Operation APIs

| Name | HTTP Method | Endpoint |
|---|---|---|
| Validate and add License to Locker store | POST | /lcm/locker/api/v2/license/validate-and-add<br>Request body :<br>{<br>"alias": "license1",<br>"serialKey": "DN0AN-JD280-48RJ1-00024-1RV"<br>}<br><br>Response code : 200 OK<br>Response body :<br>{<br>"vmid": "69def4ac-782f-4af7-9ce7-99a7b8557a09",<br>"requestId": "071d88e6-6ef3-4ff3-abd9-21420ff4cca4",<br>"action": "VALIDATE_AND_ADD_LICENSE",<br>"message": "Validate and Add request queued for license license1"<br>} |

| | | |
|---|---|---|
| Loads a list of all the Licenses available in the store | GET | /lcm/locker/api/v2/licenses<br>Response code : 200 OK<br>Response body :<br>[<br>  {<br>  "vmid": "d8bc9171-a993-4abb-b081-cf283a4f0569",<br>  "alias": "license1",<br>  "key": "DN0AN-JD280-48RJ1-00024-1RV",<br>  "description": "VMware vRealize Suite 2019 Enterprise",<br>  "quantity": 32,<br>  "unit": "plu",<br>  "type": "vRealizeSuite",<br>  "account": "LCM Admin",<br>  "expiresIn": "3 months and 28 days",<br>  "expiresOn": "Mon Jan 11 2021 00:00:00",<br>  "status": "ACTIVE",<br>  "validations": [],<br>  "healthy": true,<br>  "lastRefreshed": 1600007172997,<br>  "refreshStatus": "NEW",<br>  "expired": false,<br>  "connected": false<br>  }<br>] |
| Gets Licenses from Alias | GET | /lcm/locker/api/v2/licenses/alias/{alias}<br>Request parameter :<br>alias : license1<br><br>Response body :<br>{<br>  "vmid": "d8bc9171-a993-4abb-b081-cf283a4f0569",<br>  "alias": "license1",<br>  "key": "DN0AN-JD280-48RJ1-00024-1RV",<br>  "description": "VMware vRealize Suite 2019 Enterprise",<br>  "quantity": 32,<br>  "unit": "plu",<br>  "type": "vRealizeSuite",<br>  "account": "LCM Admin",<br>  "expiresIn": "3 months and 28 days",<br>  "expiresOn": "Mon Jan 11 2021 00:00:00",<br>  "status": "ACTIVE",<br>  "validations": [],<br>  "healthy": true,<br>  "lastRefreshed": 1600007172997,<br>  "refreshStatus": "NEW",<br>  "expired": false,<br>  "connected": false<br>} |

| | | |
|---|---|---|
| Loads complete information of a License based on the vmid | GET | /lcm/locker/api/v2/licenses/detail/{vmid}<br>Request parameter :<br>vmid: d8bc9171-a993-4abb-b081-cf283a4f0569<br><br>Response body :<br>{<br>"vmid": "d8bc9171-a993-4abb-b081-cf283a4f0569",<br>"alias": "license1",<br>"key": "DN0AN-JD280-48RJ1-00024-1RV",<br>"description": "VMware vRealize Suite 2019 Enterprise",<br>"quantity": 32,<br>"unit": "plu",<br>"type": "vRealizeSuite",<br>"account": "LCM Admin",<br>"expiresIn": "3 months and 28 days",<br>"expiresOn": "Mon Jan 11 2021 00:00:00",<br>"status": "ACTIVE",<br>"validations": [],<br>"healthy": true,<br>"lastRefreshed": 1600007172997,<br>"refreshStatus": "NEW",<br>"expired": false,<br>"connected": false<br>} |
| Refresh myvmware licenses | GET | /lcm/locker/api/v2/licenses/refresh<br>Response Code : 200 OK<br>Response body :<br>{<br>"vmid": "d562ef04-01f0-4a58-a4a2-5e358126d88f",<br>"action": "REFRESH_LICENSES",<br>"message": "Refresh License from myvmware triggered successfully"<br>} |

# Locker Reference Operation APIs

| Name | HTTP Method | Endpoint |
|---|---|---|

| | | |
|---|---|---|
| Loads references information of a Locker Entity | GET | /lcm/locker/api/v2/references/{vmid}<br>Request parameter :<br>vmid : 2c692f41-7b78-437f-8325-322350daeedc<br><br>Response code : 200 OK<br>Response body :<br>{<br>  "environments": [<br>  {<br>  "envName": "vRS Small Import Environment",<br>  "envId": "vRSSmallImportEnvironment1595601218016",<br>  "products": [<br>  {<br>  "name": "vrli",<br>  "consumption": "{\"editable\":\"true\",\"nodeType\":\"vrli-master\",\"nodeid\":\"lcm2-187-38.sqa.local\",\"user\":\"root\"}",<br>  "nodes": []<br>  },<br>  {<br>  "name": "vrni",<br>  "consumption": "{\"editable\":\"true\",\"nodeType\":\"vrni-platform\",\"nodeid\":\"vrni-platform-release\",\"user\":\"consoleuser\"}",<br>  "nodes": []<br>  },<br>  {<br>  "name": "vrni",<br>  "consumption": "{\"editable\":\"true\",\"nodeType\":\"vrni-platform\",\"nodeid\":\"vrni-platform-release\",\"user\":\"admin@local\"}",<br>  "nodes": []<br>  },<br>  {<br>  "name": "vrops",<br>  "consumption": "{\"editable\":\"true\",\"nodeType\":\"master\",\"nodeid\":\"lcm2-187-37.sqa.local\",\"user\":\"root\"}",<br>  "nodes": []<br>  },<br>  {<br>  "name": "vrbc",<br>  "consumption": "{\"editable\":\"true\",\"inventoryOnly\":\"false\",\"user\":\"root\"}",<br>  "nodes": []<br>  }, |

```
        {
          "name": "vrni",
          "consumption":
"{\"editable\":\"true\",\"inventoryOnly\"
:\"false\",\"user\":\"admin@local\"}",
          "nodes": []
        },
        {
          "name": "vrli",
          "consumption":
"{\"editable\":\"true\",\"inventoryOnly\"
:\"false\",\"user\":\"admin\"}",
          "nodes": []
        },
        {
          "name": "vrni",
          "consumption":
"{\"editable\":\"true\",\"inventoryOnly\"
:\"false\",\"user\":\"consoleuser\"}",
          "nodes": []
        },
        {
          "name": "vrni",
          "consumption":
"{\"editable\":\"true\",\"nodeType\":\"vr
ni-collector\",\"nodeid\":\"vrni-proxy-
release\",\"user\":\"consoleuser\"}",
          "nodes": []
        },
        {
          "name": "vra",
          "consumption":
"{\"editable\":\"true\",\"nodeType\":\"vr
ava-primary\",\"nodeid\":\"lcm2-187-
32.sqa.local\",\"user\":\"root\"}",
          "nodes": []
        },
        {
          "name": "vrbc",
          "consumption":
"{\"editable\":\"true\",\"nodeType\":\"vr
b-server\",\"nodeid\":\"lcm2-187-
36.sqa.local\",\"user\":\"root\"}",
          "nodes": []
        },
        {
          "name": "vrni",
          "consumption":
"{\"editable\":\"true\",\"nodeType\":\"vr
ni-collector\",\"nodeid\":\"vrni-proxy-
release\",\"user\":\"admin@local\"}",
          "nodes": []
        },
        {
          "name": "vrops",
```

| | | |
|---|---|---|
| | | "consumption": "{\"editable\":\"true\",\"inventoryOnly\":\"false\",\"user\":\"admin\"}", "nodes": [] }, { "name": "vrni", "consumption": "{\"editable\":\"true\",\"nodeType\":\"vrni-collector\",\"nodeid\":\"vrni-proxy-release\",\"user\":\"support\"}", "nodes": [] }, { "name": "vrni", "consumption": "{\"editable\":\"true\",\"inventoryOnly\":\"false\",\"user\":\"support\"}", "nodes": [] }, { "name": "vrni", "consumption": "{\"editable\":\"true\",\"nodeType\":\"vrni-platform\",\"nodeid\":\"vrni-platform-release\",\"user\":\"support\"}", "nodes": [] } ] } ] } |

| | | |
|---|---|---|
| Loads paginated ungrouped references information of a Locker Entity | GET | /lcm/locker/api/v2/references/ungrouped/{vmid}<br>Request parameter :<br>vmid : 2c692f41-7b78-437f-8325-322350daeedc<br>size : 4<br>from : 0<br>typeQuery : [blank by default, optional]<br>sortBy : [blank by default, optional]<br><br>Response code : 200 OK<br>Response body :<br>{<br>"page": 0,<br>"total": 16,<br>"references": [<br>{<br>"vmid": "b25cd8d6-8237-4ce4-bda8-ed50ca76f2c5",<br>"lockerId": "2c692f41-7b78-437f-8325-322350daeedc",<br>"envId": "vRSSmallImportEnvironment1595601218016",<br>"destinationName": "vra",<br>"referenceType": "password",<br>"meta": "{\"editable\":\"true\",\"nodeType\":\"vrava-primary\",\"nodeid\":\"lcm2-187-32.sqa.local\",\"user\":\"root\"}",<br>"type": "node",<br>"envName": "vRS Small Import Environment"<br>},<br>{<br>"vmid": "a3b89157-57c0-4f67-9a7b-8688d4e372f4",<br>"lockerId": "2c692f41-7b78-437f-8325-322350daeedc",<br>"envId": "vRSSmallImportEnvironment1595601218016",<br>"destinationName": "vrbc",<br>"referenceType": "password",<br>"meta": "{\"editable\":\"true\",\"nodeType\":\"vrb-server\",\"nodeid\":\"lcm2-187-36.sqa.local\",\"user\":\"root\"}",<br>"type": "node",<br>"envName": "vRS Small Import Environment"<br>},<br>{<br>"vmid": "f55b48d1-fd1c-4b5d-bac4-9900195a4067", |

| | | |
|---|---|---|
| | | "lockerId": "2c692f41-7b78-437f-8325-322350daeedc",<br>"envId": "vRSSmallImportEnvironment1595601218016",<br>"destinationName": "vrbc",<br>"referenceType": "password",<br>"meta": "{\"editable\":\"true\",\"inventoryOnly\":\"false\",\"user\":\"root\"}",<br>"type": "product",<br>"envName": "vRS Small Import Environment"<br>},<br>{<br>"vmid": "47adcab7-d02c-4569-8976-50bba9360293",<br>"lockerId": "2c692f41-7b78-437f-8325-322350daeedc",<br>"envId": "vRSSmallImportEnvironment1595601218016",<br>"destinationName": "vrli",<br>"referenceType": "password",<br>"meta": "{\"editable\":\"true\",\"inventoryOnly\":\"false\",\"user\":\"admin\"}",<br>"type": "product",<br>"envName": "vRS Small Import Environment"<br>}<br>]<br>} |

# Source Mapping  Operation APIs

| Name | HTTP Method | Endpoint | Description |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Get all product binaries | POST | /lcm/lcops/api/v2/settings/product-binaries<br>Request body : "ovfDeploymentSourceConfigDTO"<br>{<br>"sourceLocation": "10.153.164.9:/vCloudSuiteDeployment/binaries/OVA",<br>"sourceType": "NFS"<br>}<br><br>Response code : 200 OK<br>Response body :<br>[<br>{<br>"name": "Prelude_VA-8.0.0.6619-14842736_OVF10.ova",<br>"filePath": "/data/nfsfiles/Prelude_VA-8.0.0.6619-14842736_OVF10.ova",<br>"type": "install"<br>},<br>{<br>"name": "Prelude_VA-8.0.1.7355-15294185_OVF10.ova",<br>"filePath": "/data/nfsfiles/Prelude_VA-8.0.1.7355-15294185_OVF10.ova",<br>"type": "install"<br>},<br>{<br>"name": "Prelude_VA-8.1.0.9326-15986821_OVF10.ova",<br>"filePath": "/data/nfsfiles/Prelude_VA-8.1.0.9326-15986821_OVF10.ova",<br>"type": "install"<br>},<br>{<br>"name": "Prelude_VA-8.2.0.12417-16694458-updaterepo.iso",<br>"filePath": "/data/nfsfiles/Prelude_VA-8.2.0.12417-16694458-updaterepo.iso",<br>"type": "upgrade"<br>},<br>{<br>"name": "Prelude_VA-8.2.0.12599-16737277-updaterepo.iso",<br>"filePath": "/data/nfsfiles/Prelude_VA-8.2.0.12599-16737277-updaterepo.iso",<br>"type": "upgrade"<br>},<br>{<br>"name": "VMware-vR-Appliance-7.5.0.458-10053539_OVF10.ova",<br>"filePath": "/data/nfsfiles/VMware-vR-Appliance-7.5.0.458-10053539_OVF10.ova",<br>"type": "install"<br>}, | Here **"sourceType"** can be **"Local", "windows"** or **"NFS"** |

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| | | | |
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| | | "filePath": "/data/nfsfiles/vmware-MPforSDDCHealth-8.1-15995854.pak",<br>"type": "upgrade"<br>},<br>{<br>"name": "vmware-idm-connector-3.3.2.0.zip",<br>"filePath": "/data/nfsfiles/vmware-idm-connector-3.3.2.0.zip",<br>"type": "upgrade"<br>},<br>{<br>"name": "vra_16694458.ova",<br>"filePath": "/data/nfsfiles/vra_16694458.ova",<br>"type": "install"<br>}<br>] | |
| Get all product binaries | GET | /lcm/lcops/api/v2/settings/product-binaries<br>Response body :<br>[<br>{<br>"productId": "vrli",<br>"productVersion": "8.4.0",<br>"productBinaryType": "install",<br>"productBinaryPath": "VMware-vRealize-Log-Insight-8.4.0.0-17786465_OVF10.ova",<br>"componentName": "default",<br>"mappingType": "LOCAL",<br>"productName": "vRealize Log Insight",<br>"requestId": null,<br>"removeBinary": null<br>}<br>] | Get all product binaries which are already mapped in LCM |

| | | | |
|---|---|---|---|
| Download product binary from local or NFS | POST | /lcm/lcops/api/v2/settings/product-binaries/download<br>Request body : "productBinaryDTOs"<br>[<br>  {<br>  "filePath": "/data/nfsfiles/Prelude_VA-8.0.0.6619-14842736_OVF10.ova",<br>  "name": "Prelude_VA-8.0.0.6619-14842736_OVF10.ova",<br>  "type": "install"<br>  },<br>  {<br>  "filePath": "/data/nfsfiles/VMware-vRealize-Network-Insight-5.0.0.1568279774-platform.ova",<br>  "name": "VMware-vRealize-Network-Insight-5.0.0.1568279774-platform.ova",<br>  "type": "install"<br>  },<br>  {<br>  "filePath": "/data/nfsfiles/identity-manager-3.3.0.0-10084102-updaterepo.zip",<br>  "name": "identity-manager-3.3.0.0-10084102-updaterepo.zip",<br>  "type": "upgrade"<br>  }<br>]<br><br>Response code : 200 OK<br>Response body :<br>{<br>  "requestId": "d1b7341c-e3bb-4049-b5a8-1bf9118c79ab"<br>} | |

| | | | |
|---|---|---|---|
| Get all My VMware product binaries | GET | /lcm/lcops/api/v2/settings/my-vmware/product-binaries<br>Response code : 200 OK<br>Response body :<br>[<br>{<br>"productId": "vidm",<br>"productVersion": "3.3.2",<br>"productBinaryType": "upgrade",<br>"productBinaryPath": null,<br>"componentName": null,<br>"mappingType": null,<br>"productName": "VMware Identity Manager",<br>"requestId": null,<br>"removeBinary": null<br>},<br>{<br>"productId": "vidm",<br>"productVersion": "3.3.2",<br>"productBinaryType": "Install",<br>"productBinaryPath": null,<br>"componentName": null,<br>"mappingType": null,<br>"productName": "VMware Identity Manager",<br>"requestId": null,<br>"removeBinary": null<br>},<br>{<br>"productId": "vidm",<br>"productVersion": "3.3.3",<br>"productBinaryType": "upgrade",<br>"productBinaryPath": null,<br>"componentName": null,<br>"mappingType": null,<br>"productName": "VMware Identity Manager",<br>"requestId": null,<br>"removeBinary": null<br>},<br>{<br>"productId": "vidm",<br>"productVersion": "3.3.3",<br>"productBinaryType": "Install",<br>"productBinaryPath": null,<br>"componentName": null,<br>"mappingType": null,<br>"productName": "VMware Identity Manager",<br>"requestId": null,<br>"removeBinary": null<br>},<br>{<br>"productId": "vra",<br>"productVersion": "7.6.0",<br>"productBinaryType": "upgrade",<br>"productBinaryPath": null,<br>"componentName": null,<br>"mappingType": null, | Make sure atleast one myvmware account is added. |

```
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    "requestId": null,
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  },
  {
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    "mappingType": null,
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    "requestId": null,
    "removeBinary": null
  },
  {
    "productId": "vra",
    "productVersion": "8.0.1",
    "productBinaryType": "upgrade",
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    "mappingType": null,
    "productName": "vRealize Automation",
    "requestId": null,
    "removeBinary": null
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    "productVersion": "8.0.1",
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    "mappingType": null,
    "productName": "vRealize Automation",
    "requestId": null,
    "removeBinary": null
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    "productBinaryType": "upgrade",
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    "mappingType": null,
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    "requestId": null,
    "removeBinary": null
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  {
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    "productBinaryType": "Install",
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    "componentName": null,
    "mappingType": null,
    "productName": "vRealize Automation",
```

```
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    "requestId": null,
    "removeBinary": null
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    "removeBinary": null
  },
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    "productVersion": "8.0.0",
    "productBinaryType": "upgrade",
    "productBinaryPath": null,
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    "mappingType": null,
    "productName": "vRealize Log Insight",
    "requestId": null,
    "removeBinary": null
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    "componentName": null,
    "mappingType": null,
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    "requestId": null,
    "removeBinary": null
  },
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    "productVersion": "8.1.0",
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    "productBinaryPath": null,
    "componentName": null,
    "mappingType": null,
    "productName": "vRealize Log Insight",
    "requestId": null,
```

```
    "removeBinary": null
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    "requestId": null,
    "removeBinary": null
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    "mappingType": null,
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    "requestId": null,
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    "removeBinary": null
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    "productBinaryType": "Install",
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    "componentName": null,
    "mappingType": null,
    "productName": "vRealize Log Insight",
    "requestId": null,
    "removeBinary": null
```

```
},
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  "productVersion": "5.1.0",
  "productBinaryType": "upgrade",
  "productBinaryPath": null,
  "componentName": null,
  "mappingType": null,
  "productName": "vRealize Network Insight",
  "requestId": null,
  "removeBinary": null
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{
  "productId": "vrni",
  "productVersion": "5.1.0",
  "productBinaryType": "Install",
  "productBinaryPath": null,
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  "mappingType": null,
  "productName": "vRealize Network Insight",
  "requestId": null,
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},
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  "mappingType": null,
  "productName": "vRealize Network Insight",
  "requestId": null,
  "removeBinary": null
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  "productVersion": "5.3.0",
  "productBinaryType": "upgrade",
  "productBinaryPath": null,
  "componentName": null,
  "mappingType": null,
  "productName": "vRealize Network Insight",
  "requestId": null,
  "removeBinary": null
},
```

```
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  "mappingType": null,
  "productName": "vRealize Operations",
  "requestId": null,
  "removeBinary": null
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  "productVersion": "8.0.1",
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  "mappingType": null,
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  "requestId": null,
  "removeBinary": null
},
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  "productVersion": "8.1.0",
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  "componentName": null,
  "mappingType": null,
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  "requestId": null,
  "removeBinary": null
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  "productVersion": "8.1.0",
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  "productBinaryPath": null,
  "componentName": null,
  "mappingType": null,
  "productName": "vRealize Operations",
  "requestId": null,
  "removeBinary": null
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{
```

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    "mappingType": null,
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    "requestId": null,
    "removeBinary": null
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    "mappingType": null,
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    "requestId": null,
    "removeBinary": null
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    "mappingType": null,
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    "requestId": null,
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    "productBinaryPath": null,
    "componentName": null,
    "mappingType": null,
    "productName": "vRealize Business for
Cloud",
    "requestId": null,
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  },
  {
```

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    "componentName": null,
    "mappingType": null,
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    "componentName": null,
    "mappingType": null,
    "productName": "vRealize Business for
Cloud",
    "requestId": null,
    "removeBinary": null
  },
  {
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    "productVersion": "7.6.0",
    "productBinaryType": "Install",
    "productBinaryPath": null,
    "componentName": null,
    "mappingType": null,
    "productName": "vRealize Business for
Cloud",
    "requestId": null,
    "removeBinary": null
  },
  {
    "productId": "vidm",
    "productVersion": "3.2.0",
    "productBinaryType": "upgrade",
    "productBinaryPath": null,
    "componentName": null,
    "mappingType": null,
    "productName": "VMware Identity Manager",
    "requestId": null,
    "removeBinary": null
  },
  {
    "productId": "vidm",
    "productVersion": "3.3.0",
    "productBinaryType": "upgrade",
    "productBinaryPath": null,
    "componentName": null,
    "mappingType": null,
    "productName": "VMware Identity Manager",
    "requestId": null,
    "removeBinary": null
```

| | | | |
|---|---|---|---|
| | | `},`<br>`{`<br>`"productId": "vidm",`<br>`"productVersion": "3.3.1",`<br>`"productBinaryType": "upgrade",`<br>`"productBinaryPath": null,`<br>`"componentName": null,`<br>`"mappingType": null,`<br>`"productName": "VMware Identity Manager",`<br>`"requestId": null,`<br>`"removeBinary": null`<br>`}`<br>`]` | |
| Download My VMware product binary | POST | /lcm/lcops/api/v2/settings/my-vmware/product-binaries/download<br>`Request body : "sourceMappingResultDTOs"`<br>`[{`<br>`"productId": "vidm",`<br>`"productVersion": "3.3.2",`<br>`"productBinaryType": "Install",`<br>`"productBinaryPath": null,`<br>`"componentName": null,`<br>`"mappingType": null,`<br>`"productName": "VMware Identity Manager",`<br>`"requestId": null,`<br>`"removeBinary": null`<br>`}`<br>`]`<br><br>`Response code : 200 OK`<br>`Response body :`<br>`{`<br>`"requestId": "61c2fcc0-b6c2-4708-85fc-0a0e9112207d"`<br>`}` | |

# Data Center Operation APIs

| Name | HTTP Method | Endpoint | Description |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Create a Data Center | POST | /lcm/lcops/api/v2/datacenters<br>Request Body :<br>"dataCenterRequestDTO"<br><br>{<br>"dataCenterName": "BLR",<br>"primaryLocation": "Bangalore;Karnataka;IN;12.97194;77.59369"<br>}<br><br>Response code : 200 OK | |
| Get all Data Centers | GET | /lcm/lcops/api/v2/datacenters<br>Response code : 200 OK<br>Response body :<br>[<br>{<br>"dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",<br>"dataCenterName": "BLR",<br>"primaryLocation": "Bangalore;Karnataka;IN;12.97194;77.59369"<br>},<br>{<br>"dataCenterVmid": "e76c15f4-0285-4801-ba4c-6032ff63f9f8",<br>"dataCenterName": "SingaporeDC",<br>"primaryLocation": "Singapore;;SG;1.28967;103.85007"<br>}<br>] | |
| Update a Data Center | PUT | /lcm/lcops/api/v2/datacenters/{dataCenterVmid}<br>Request body :<br>{<br>"dataCenterName": "BLR",<br>"primaryLocation": "Warud;Maharashtra;IN;21.47101;78.26965"<br>}<br><br>Response code : 200 OK | |

| | | | |
|---|---|---|---|
| Get a Data Center from ID or Name | GET | /lcm/lcops/api/v2/datacenters/{dataCenterVmid}<br>1. By Name :<br>Request parameter :<br>dataCenterVmid : BLR<br><br>Response code : 200 OK<br>Response body :<br>{<br>"dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",<br>"dataCenterName": "BLR",<br>"primaryLocation": "Bangalore;Karnataka;IN;12.97194;77.59369"<br>}<br><br>2. By ID :<br>Request parameter :<br>dataCenterVmid : ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2<br><br>Response code : 200 OK<br>Response body :<br>{<br>"dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",<br>"dataCenterName": "BLR",<br>"primaryLocation": "Bangalore;Karnataka;IN;12.97194;77.59369"<br>} | |

| | | | |
|---|---|---|---|
| Delete a Data Center | DELETE | /lcm/lcops/api/v2/datacenters/{dataCenterVmid}<br>`Request parameter : dataCenterVmid : ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2`<br><br>`Response code : 200 OK`<br>`Response body :`<br>`{`<br>`  "requestId": "04eef002-5e9b-4baf-bafb-efa294a42e29"`<br>`}` | |

| | | | |
|---|---|---|---|
| Get all Environments associated with a Data Center | GET | /lcm/lcops/api/v2/datacenters/{dataCenterVmid}/environments<br>Request parameter :<br>dataCenterVmid : ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2<br><br>Response code : 200 OK<br>Response body :<br>[<br>  {<br>  "environmentId": "globalenvironment",<br>  "environmentName": "globalenvironment",<br>  "environmentHealth": null,<br>  "logHistory": null,<br>  "environmentStatus": "COMPLETED",<br>  "infrastructure": {<br>  "properties": {<br>  "regionName": "default",<br>  "dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",<br>  "zoneName": "default",<br>  "defaultPassword": "locker:password:314c2f02-27a7-4d94-b178-e0dda61e4c88:VMware-Default-Password"<br>  }<br>  },<br>  "products": [<br>  {<br>  "id": "vidm",<br>  "version": "3.3.2",<br>  "patchHistory": null,<br>  "snapshotHistory": null,<br>  "logHistory": null,<br>  "clusterVIP": null,<br>  "nodes": [<br>  {<br>  "type": "vidm-primary",<br>  "properties": {<br>  "hostName": "lcm2-187-31.sqa.local",<br>  "cluster": "ESO_VC07_Cluster_07",<br>  "esxHost": "w1-hs1-g0312.eng.vmware.com",<br>  "memory": "6",<br>  "diskMode": "thin", | |

```
                "vCenterHost":
"eso-vc07.eng.vmware.com",
                "storage":
"ESO_VC07_Cluster_07_vsanDatasto
re01",
                "network":
"WDC_HAAS_VM_VLAN1100",
                "capacity":
"60.2",

"vidmRootPassword":
"locker:password:314c2f02-27a7-
4d94-b178-e0dda61e4c88:VMware-
Default-Password",

"vidmSystemAdminPassword":
"locker:password:314c2f02-27a7-
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                "enableTelemetry":
"true",
                "affinityRules":
null,
                "vcPassword":
"locker:password:fdc0bc98-3cef-
4f76-9f75-06f4ba06b6ea:ESO-VC-
Password",
                "cpuCount": "2",
                "resourcePool":
null,
                "vmName":
"dgnaneswaran_SS_VIDM_331",
                "esxHostBuild":
"7967591",
                "vidmSshPassword":
"locker:password:314c2f02-27a7-
4d94-b178-e0dda61e4c88:VMware-
Default-Password",
                "ip":
"10.196.187.31",
                "dns":
"10.141.66.213,10.118.183.252",
                "ESXI Version":
"6.5.0",
                "domain":
"sqa.local",
                "vcUsername":
"sampaths.admin@sqa.local",
                "folderName":
null,
                "gateway":
"10.196.187.253",
                "searchpath":
"sqa.local",
                "__sshVerified":
"true",
```

```
                "__verified":
"true",
                "netmask":
"255.255.255.0",
                "__vMoid": "vm-
27422"
              }
            },
            {
              "type": "vidm-
connector",
              "properties": {
                "hostName": "lcm2-
187-31.sqa.local",
                "cluster":
"ESO_VC07_Cluster_07",
                "esxHost": "w1-
hs1-g0312.eng.vmware.com",
                "memory": "6",
                "diskMode":
"thin",
                "vCenterHost":
"eso-vc07.eng.vmware.com",
                "masterTenantId":
"LCM2-187-31",
                "storage":
"ESO_VC07_Cluster_07_vsanDatasto
re01",

"windowsDeployement": "false",
                "network":
"WDC_HAAS_VM_VLAN1100",
                "capacity":
"60.2",
                "instanceId":
"0af62f9f-960c-426f-b26a-
69de0f314d81",
                "affinityRules":
null,
                "vcPassword":
"locker:password:fdc0bc98-3cef-
4f76-9f75-06f4ba06b6ea:ESO-VC-
Password",
                "cpuCount": "2",
                "resourcePool":
null,
                "canBeDeleted":
"true",
                "vmName":
"dgnaneswaran_SS_VIDM_331",
                "esxHostBuild":
"7967591",
                "ip":
"10.196.187.31",
                "dns":
"10.141.66.213,10.118.183.252",
```

```
                "ESXI Version":
"6.5.0",
                "version":
"3.3.2",
                "domainJoined":
"null",
                "port": "8443",
                "domain":
"sqa.local",
                "vcUsername":
"sampaths.admin@sqa.local",
                "folderName":
null,
                "gateway":
"10.196.187.253",
                "searchpath":
"sqa.local",
                "netmask":
"255.255.255.0",
                "__vMoid": "vm-
27422"
            }
          }
        ],
        "properties": {

"__isInstallerRequest": "false",
          "__enableTenancy":
"false",

"defaultConfigurationUsername":
"configadmin",
          "isClustered":
"false",
          "certificateChain": "-
----BEGIN CERTIFICATE-----
\nMIID2DCCAsCgAwIBAgIGAXHpeVwiMA
0GCSqGSIb3DQEBCwUAMFMxMzAxBgNVBA
MM\nKnZSZWFsaXplIFN1aXRlIExpZmVj
eWNsZSBNYW5hZ2VyIExvY2tlciBDQTEP
MA0G\nA1UECgwGVk13YXJlMQswCQYDVQ
QGEwJJTjAeFw0yMDA1MDYxMDEyNTZaFw
0yMjA1\nMDYxMDEyNTZaMGkxEjAQBgNV
BAMMCXNxYS5sb2NhbDENMAsGA1UECwwE
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NVBAgMCUth\ncm5hdGFrYTELMAkGA1UE
BhMCSU4wggEiMA0GCSqGSIb3DQEBAQUA
A4IBDwAwggEK\nAoIBAQC/4TVWqfOTGZ
sigEbPaApMLnns2RDzFgBr26/BB+lq0P
0SeiRdTlorR3nf\nJ/RgZUUpxg+mFrgw
WnbsfiXr7OklwCHbSyrZpwIlCMJ/lK+I
97rkkWKL66fTrojz\nfKurQtWbimiEoA
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|---|---|---|---|
| Get all vCenters | GET | /lcm/lcops/api/v2/datacenters/{dataCenterVmid}/vcenters<br>Request parameter :<br>dataCenterVmid : ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2<br><br>Response code : 200 OK<br>Response body :<br>[<br>  {<br>  "vCenterName": "VC1",<br>  "vCenterHost": "lcm-vc.sqa.local",<br>  "vcUsername": "autouser@vsphere.local",<br>  "vcPassword": "locker:password:1b2fc64d-6457-460c-8b75-7f9eb927fb44:LCM-VC-Password",<br>  "vcUsedAs": null,<br>  "vcDataCollectionStatus": "SUCCESS"<br>  },<br>  {<br>  "vCenterName": "VC3",<br>  "vCenterHost": "eso-vc07.eng.vmware.com",<br>  "vcUsername": "sampaths.admin@sqa.local",<br>  "vcPassword": "locker:password:fdc0bc98-3cef-4f76-9f75-06f4ba06b6ea:ESO-VC-Password",<br>  "vcUsedAs": "MANAGEMENT",<br>  "vcDataCollectionStatus": "SUCCESS"<br>  },<br>  {<br>  "vCenterName": "VC4",<br>  "vCenterHost": "wdc-lcm-vc.sqa.local",<br>  "vcUsername": "administrator@vsphere.local",<br>  "vcPassword": "locker:password:314c2f02-27a7-4d94-b178-e0dda61e4c88:VMware-Default-Password",<br>  "vcUsedAs": "MANAGEMENT",<br>  "vcDataCollectionStatus": "SUCCESS"<br>  }<br>] | |

| | | | |
|---|---|---|---|
| Create a vCenter | POST | /lcm/lcops/api/v2/datacenters/{dataCenterVmid}/vcenters<br>`Request parameter :`<br>`dataCenterVmid : ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2`<br><br>`Request body :`<br>`"vCenterRequestDTO"`<br>`{`<br>`"vCenterName": "VC1",`<br>`"vCenterHost": "lcm-vc2.sqa.local",`<br>`"vcUsername": "administrator@vsphere.local",`<br>`"vcPassword": "VMware1!",`<br>`"vcUsedAs": "MANAGEMENT"`<br>`}`<br>`Response code : 200 OK` | |

| | | | |
|---|---|---|---|
| Get vCenter Details | GET | /lcm/lcops/api/v2/datacenters/{dataCenterVmid}/vcenters/{vCenterName}<br>Request parameter :<br>dataCenterVmid : ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2<br>vCenterName : VC1<br><br>Response code : 200 OK<br>Response body :<br>{<br>"vCenterName": "VC4",<br>"vCenterHost": "wdc-lcm-vc.sqa.local",<br>"vcUsedAs": "MANAGEMENT",<br>"version": "6.5.0",<br>"vcUsername": "administrator@vsphere.local",<br>"vcPassword": "locker:password:314c2f02-27a7-4d94-b178-e0dda61e4c88:VMware-Default-Password",<br>"dataCollectionStatus": null,<br>"vCDataCenters": [<br>{<br>"vcDataCenterName": "LCM-Datacenter",<br>"hosts": [],<br>"clusters": [<br>{<br>"hosts": [<br>{<br>"cpu": 2,<br>"memory": 412218593280,<br>"totalStorage": null,<br>"storages": [<br>{<br>"storageName": "FC_TEMP",<br>"totalSize": 3298266447872,<br>"availableSize": 1375118295040,<br>"isManaged": true<br>},<br>{<br>"storageName": "vsanDatastore",<br>"totalSize": 28805607456768, | |

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"contentLibraryItemName":
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"contentLibraryItemId":
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        {

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| | | | |
|---|---|---|---|
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| Update a vCenter | PUT | /lcm/lcops/api/v2/datacenters/{dataCenterVmid}/vcenters/{vCenterName}<br>Request parameter :<br>dataCenterVmid : ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2<br>vCenterName : VC1<br><br>Request body :<br>"vCenterRequestDTO"<br>{<br>"vCenterHost": "lcm-vc2.sqa.local",<br>"vcUsername": "administrator@vsphere.local",<br>"vcPassword": "VRSLCM1!",<br>"vcUsedAs": "MANAGEMENT"<br>}<br><br>Response code : 200 OK<br>Response body :<br>{<br>"requestId": "04eef002-5e9b-4baf-bafb-efa294a42e29"<br>} | |
| Delete a vCenter | DELETE | /lcm/lcops/api/v2/datacenters/{dataCenterVmid}/vcenters/{vCenterName}<br>Request parameter :<br>dataCenterVmid : ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2<br>vCenterName : VC1<br><br>Response code : 200 OK<br>Response body :<br>{<br>"requestId": "04eef002-5e9b-4baf-bafb-efa294a42e29"<br>} | |

| | | | |
|---|---|---|---|
| Trigger vCenter Data Collection | POST | /lcm/lcops/api/v2/datacenters/{dataCenterVmid}/vcenters/{vCenterName}/data-collection<br>`Request parameters :`<br><br>`dataCenterVmid : ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2`<br>`vCenterName : VC1`<br><br>`Response code : 200 OK`<br>`Response body :`<br>`{`<br>`  "requestId": "31ea6050-5f55-438b-a0f3-bfd90db8483a"`<br>`}` | |

| | | | |
|---|---|---|---|
| Get All Environments Associated with a vCenter | GET | /lcm/lcops/api/v2/datacenters/{dataCenterVmid}/vcenters/{vCenterName}/environments<br>Request parameters :<br><br>dataCenterVmid : ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2<br>vCenterName : VC3<br><br><br>Response code : 200 OK<br>Response body :<br>[<br>  {<br>  "environmentId": "globalenvironment",<br>  "environmentName": "globalenvironment",<br>  "environmentHealth": null,<br>  "logHistory": null,<br>  "environmentStatus": "COMPLETED",<br>  "infrastructure": {<br>  "properties": {<br>  "regionName": "default",<br>  "dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",<br>  "zoneName": "default",<br>  "defaultPassword": "locker:password:314c2f02-27a7-4d94-b178-e0dda61e4c88:VMware-Default-Password"<br>  }<br>  },<br>  "products": [<br>  {<br>  "id": "vidm",<br>  "version": "3.3.2",<br>  "patchHistory": null,<br>  "snapshotHistory": null,<br>  "logHistory": null,<br>  "clusterVIP": null,<br>  "nodes": [<br>  {<br>  "type": "vidm-primary",<br>  "properties": {<br>  "hostName": "lcm2-187-31.sqa.local",<br>  "cluster": "ESO_VC07_Cluster_07",<br>  "esxHost": "w1-hs1-g0312.eng.vmware.com", | |

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| | | | |
|---|---|---|---|
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| | | | |
|---|---|---|---|
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"vrliClusterVips": "",
"gateway": "10.196.187.253",
"searchpath": "sqa.local",

```
              "netmask":
"255.255.255.0",
              "__vMoid": "vm-
27428",
              "__verified":
"true"
            }
          }
        ],
        "properties": {
          "license": "H109R-
40391-M828D-0PARH-2EUMY,",
          "__version": "8.0.0",
          "nodeSize": "small",
          "masterVidmHostName":
"lcm2-187-31.sqa.local",
          "certificateChain": "-
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MM\nKnZSZWFsaXplIFN1aXRlIExpZmVj
eWNsZSBNYW5hZ2VyIExvY2tlciBDQTEP
MA0G\nA1UECgwGVk13YXJlMQswCQYDVQ
QGEwJJTjAeFw0yMDA1MDYxMDEyNTZaFw
0yMjA1\nMDYxMDEyNTZaMGkxEjAQBgNV
BAMMCXNxYS5sb2NhbDENMAsGA1UECwwE
Q01CVTEP\nMA0GA1UECgwGVk13YXJlMR
IwEAYDVQQHDAlCYW5nYWxvcmUxEjAQBg
NVBAgMCUth\ncm5hdGFrYTELMAkGA1UE
BhMCSU4wggEiMA0GCSqGSIb3DQEBAQUA
A4IBDwAwggEK\nAoIBAQC/4TVWqfOTGZ
sigEbPaApMLnns2RDzFgBr26/BB+lq0P
0SeiRdTlorR3nf\nJ/RgZUUpxg+mFrgw
WnbsfiXr7OklwCHbSyrZpwIlCMJ/lK+I
97rkkWKL66fTrojz\nfKurQtWbimiEoA
sLx0oWMFRl4n52N5G7P1InS57BNectzh
euU+31e9xq6+Sgc6aB\n4tsV8PrimX+y
oaVrclJfqa9P2UdWhRwtfDMZ6LDf7ZOM
tI1Af2Ho7KKNOG1tnoyh\nII90P1KPoB
LH3pZujrR/3uMuxzNidED8nIy659A2jG
yYkS03JN6mBjcYrYFBhe6P\nKiTH288P
UqK5IJJPg9ZlzZKreJHxAgMBAAGjgZsw
gZgwHQYDVR0OBBYEFO1eLmfZ\nT+R8Nd
aUzMNM8gdyh/RPMB8GA1UdIwQYMBaAFA
78sVbblKCPVHbEadopppTTWcmV\nMBYG
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A1UdDwEB/wQEAwIFoDAgBgNVHSUB\nAf
8EFjAUBggrBgEFBQcDAgYIKwYBBQUHAw
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9w0BAQsFAAOCAQEAdJhVYXaop1TiHtH2
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\nLdw/PtqbUM0E7lxj1MQpMEpD4iL2ui
mAi9rtTxjj7KxS6IW/mKNlJoqNGRXpk3
2P\n9/Nc3ZOHOYGABonRlJhoLGWNmXLl
rh8AVtVG2Hxp4M58ulEijHbEEQop4Tmk
oMJj\nsBeJmjvF+tZDp81LuoGbPak2go
```

| | | | |
|---|---|---|---|
| | | QLdUIAdS8+ja4dLDQLBIOnNMvVa9TSTc<br>tEHQDf\nTvTiJdQijlPTtJBhUwwAOR+a<br>GQFiFJUtzyYqCFW5ra3dHnVYuEnhppdb<br>pzVkPoNQ\nhb95oiGDM4ql5uEd9Dh1qm<br>76T8pgYmeUzYpaZA==\n-----END<br>CERTIFICATE-----\n-----BEGIN<br>CERTIFICATE-----<br>\nMIIDiTCCAnGgAwIBAgIGAXHpTrmMMA<br>0GCSqGSIb3DQEBCwUAMFMxMzAxBgNVBA<br>MM\nKnZSZWFsaXplIFN1aXRlIExpZmVj<br>eWNsZSBNYW5hZ2VyIExvY2tlciBDQTEP<br>MA0G\nA1UECgwGVk13YXJlMQswCQYDVQ<br>QGEwJJTjAeFw0yMDA1MDYwOTI2MjJaFw<br>0yMjA1\nMDYwOTI2MjJaMFMxMzAxBgNV<br>BAMMKnZSZWFsaXplIFN1aXRlIExpZmVj<br>eWNsZSBN\nYW5hZ2VyIExvY2tlciBDQT<br>EPMA0GA1UECgwGVk13YXJlMQswCQYDVQ<br>QGEwJJTjCC\nASIwDQYJKoZIhvcNAQEB<br>BQADggEPADCCAQoCggEBAMBMjwSD+nPT<br>kbgYZC2o95v7\n2dnTKv4HC2Zyv2vFYr<br>bFBVr4BB/f3FonEuaJ0bT/e/3H+KExMz<br>WslL3dLZ1EF2s8\n87nX7WNAmvsHTyaJ<br>Ii/NqySUwmhr5/kMkRIHX73+nz5ksmps<br>K0bQCFCvEqj7ripw\n5CiePXJbBWvm3u<br>Im6C2/A83OHE3K8b2M+sDKCNUh+jn2IJ<br>xRfyXPBbJB5dk99SFV\nC47ZgtFbhUZf<br>6/LulSxJgQAC4wNwrKMtMqctU26oOn0P<br>647pmxnKzKtev7nNRkMw\nU7PUOC0Mlg<br>Eh8xcw6/odFIvYpz2n/SU0JOljohc9SL<br>gdI7Rt+1Ug1OJK2VSD3pUC\nAwEAAaNj<br>MGEwHQYDVR0OBBYEFA78sVbblKCPVHbE<br>adopppTTWcmVMB8GA1UdIwQY\nMBaAFA<br>78sVbblKCPVHbEadopppTTWcmVMA8GA1<br>UdEwEB/wQFMAMBAf8wDgYDVR0P\nAQH/<br>BAQDAgGGMA0GCSqGSIb3DQEBCwUAA4IB<br>AQBlWaHg6XJOQmjWtAGcrWLgg6lC\nD+<br>n1WagYm3RcWPt60C3Tvw2L7TLdZ6KCzF<br>z4zO819odopmnbMTbtRkhFcgJ4/0vW\n<br>Yn0bqGxO8H+8BhSyn96lqIlhYDwaaRzE<br>t55Rl23FgKl8Iw2cJEryR0gbHgyvhWpY<br>\n9cX5rLWBT2KFKVwn+6c3sLX6gmKxP+<br>Gi6iePopvguJdEufOTQjmZ4NfxLsW8S9<br>p2\n5hrLY5kU7DC74BE+JNY80O1dxtz/<br>Qr4+16Xq/pbz/jvU6ti1P6JohKTmTMnB<br>tQBc\nET4isPjqmvC7+0G3h9HcnnXw01<br>oI+asr9a+s/MYuTjR1K8wXdMQLl3+0FO<br>bQ\n-----END CERTIFICATE-----<br>\n",<br>"__productId": "vrli",<br>"ntp":<br>"ntp1.eng.vmware.com",<br>"vrliClusterVips": "",<br>"rootPassword":<br>"locker:password:2c692f41-7b78-<br>437f-8325-322350daeedc:Products-<br>Default-Admin-Password", | |

```
          "vrliAdminPassword":
"locker:password:2c692f41-7b78-
437f-8325-322350daeedc:Products-
Default-Admin-Password",
          "masterVidmEnabled":
"true",
          "license-1":
"{\"alias\":\"vRS Small Import
Environment-vrli-H109R-XXXX-
2EUMY\",\"key\":\"H109R-40391-
M828D-0PARH-
2EUMY\",\"description\":\"VMware
vRealize Suite 2018
Enterprise\",\"quantity\":10,\"u
nit\":\"plu\",\"type\":\"vRealiz
eSuite\",\"account\":null,\"expi
ry\":0,\"status\":\"ACTIVE\",\"o
nPremAllocation\":null,\"startDa
te\":null,\"endDate\":null,\"cas
Id\":null,\"lintId\":null,\"falc
onId\":null,\"productVersionMap\
":{\"vrni\":[],\"vrops\":[\"8.1.
1\",\"8.2.0\",\"8.0.0\",\"8.1.0\
",\"8.0.1\",\"7.5.0\"],\"vra\":[
\"8.2.0\",\"8.0.0\",\"8.1.0\",\"
8.0.1\",\"7.5.0\",\"7.6.0\"],\"v
rbc\":[\"7.5.0\",\"7.6.0\"],\"vr
li\":[\"4.8.0\",\"8.1.1\",\"8.2.
0\",\"8.0.0\",\"8.1.0\"]},\"expi
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          "licenseVmid":
"6b45a2d0-934a-42f5-87b4-
e5f0c1e94302"
        }
      },
      {
        "id": "vrni",
        "version": "5.1.0",
        "patchHistory": null,
        "snapshotHistory": null,
        "logHistory": null,
        "clusterVIP": null,
        "nodes": [
          {
            "type": "vrni-
collector",
            "properties": {
              "hostName": "vrni-
proxy-release",
              "cluster":
"ESO_VC07_Cluster_07",
              "esxHost": "w1-
hs1-g0314.eng.vmware.com",
              "memory": "12",
              "diskMode":
"thin",
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"vCenterHost": "eso-vc07.eng.vmware.com",

"vrniPlatformPassword": "locker:password:2c692f41-7b78-437f-8325-322350daeedc:Products-Default-Admin-Password",
"storage": "ESO_VC07_Cluster_07_vsanDatastore01",
"network": "WDC_HAAS_VM_VLAN1100",
"capacity": "214.8",
"affinityRules": null,
"vcPassword": "locker:password:fdc0bc98-3cef-4f76-9f75-06f4ba06b6ea:ESO-VC-Password",
"cpuCount": "4",
"vrniNodeSize": "medium",
"resourcePool": null,
"vmName": "dgnaneswaran_SS_small_vrni_proxy",
"esxHostBuild": "7967591",
"ip": "10.196.187.40",
"dns": "10.141.66.213 10.118.183.252",
"ESXI Version": "6.5.0",
"supportUserName": "support",
"consolePassword": "locker:password:2c692f41-7b78-437f-8325-322350daeedc:Products-Default-Admin-Password",
"supportPassword": "locker:password:2c692f41-7b78-437f-8325-322350daeedc:Products-Default-Admin-Password",
"domain": null,
"vcUsername": "sampaths.admin@sqa.local",
"folderName": null,
"gateway": "10.196.187.253",
"searchpath": "sqa.local",

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              "netmask":
"255.255.255.0",
              "__vMoid": "vm-
27432",

"__supportverified": "true",

"__consoleverified": "true",
              "ntp":
"ntp1.eng.vmware.com"
            }
          },
          {
            "type": "vrni-
platform",
            "properties": {
              "hostName": "vrni-
platform-release",
              "cluster":
"ESO_VC07_Cluster_07",
              "esxHost": "w1-
hs1-g0312.eng.vmware.com",
              "memory": "32",
              "diskMode":
"thin",
              "vCenterHost":
"eso-vc07.eng.vmware.com",

"vrniPlatformPassword":
"locker:password:2c692f41-7b78-
437f-8325-322350daeedc:Products-
Default-Admin-Password",
              "storage":
"ESO_VC07_Cluster_07_vsanDatasto
re01",
              "network":
"WDC_HAAS_VM_VLAN1100",
              "capacity":
"1024.0",
              "isMaster":
"true",
              "affinityRules":
null,
              "vcPassword":
"locker:password:fdc0bc98-3cef-
4f76-9f75-06f4ba06b6ea:ESO-VC-
Password",
              "cpuCount": "8",
              "vrniNodeSize":
"medium",
              "resourcePool":
null,
              "platformIP":
"10.196.187.39",
```

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              "vmName":
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form",
              "esxHostBuild":
"7967591",
              "masterIP":
"10.196.187.39",
              "ip":
"10.196.187.39",
              "dns":
"10.141.66.213 10.118.183.252",
              "ESXI Version":
"6.5.0",
              "supportUserName":
"support",
              "license": "M543G-
001E3-18T89-0MZ8P-CD7MZ",
              "consolePassword":
"locker:password:2c692f41-7b78-
437f-8325-322350daeedc:Products-
Default-Admin-Password",
              "supportPassword":
"locker:password:2c692f41-7b78-
437f-8325-322350daeedc:Products-
Default-Admin-Password",
              "domain": null,
              "vcUsername":
"sampaths.admin@sqa.local",
              "folderName":
null,
              "gateway":
"10.196.187.253",
              "searchpath":
"sqa.local",
              "netmask":
"255.255.255.0",
              "__vMoid": "vm-
27430",

"__supportverified": "true",

"__consoleverified": "true",
              "ntp":
"ntp1.eng.vmware.com"
            }
          }
        ],
        "properties": {

"vrniPlatformUserName":
"admin@local",
          "license": "M543G-
001E3-18T89-0MZ8P-CD7MZ",
          "masterVidmHostName":
null,
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          "certificateChain": "-
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0SeiRdTlorR3nf\nJ/RgZUUpxg+mFrgw
WnbsfiXr7OklwCHbSyrZpwIlCMJ/lK+I
97rkkWKL66fTrojz\nfKurQtWbimiEoA
sLx0oWMFRl4n52N5G7P1InS57BNectzh
euU+31e9xq6+Sgc6aB\n4tsV8PrimX+y
oaVrclJfqa9P2UdWhRwtfDMZ6LDf7ZOM
tI1Af2Ho7KKNOG1tnoyh\nII90P1KPoB
LH3pZujrR/3uMuxzNidED8nIy659A2jG
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gZgwHQYDVR0OBBYEFO1eLmfZ\nT+R8Nd
aUzMNM8gdyh/RPMB8GA1UdIwQYMBaAFA
78sVbblKCPVHbEadopppTTWcmV\nMBYG
A1UdEQQPMA2CCyouc3FhLmxvY2FsMA4G
A1UdDwEB/wQEAwIFoDAgBgNVHSUB\nAf
8EFjAUBggrBgEFBQcDAgYIKwYBBQUHAw
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9w0BAQsFAAOCAQEAdJhVYXaop1TiHtH2
46pDNA7sfcJWJr5SoA5zLEsy+lU9CaN1
\nLdw/PtqbUM0E7lxj1MQpMEpD4iL2ui
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2P\n9/Nc3ZOHOYGABonRlJhoLGWNmXLl
rh8AVtVG2Hxp4M58ulEijHbEEQop4Tmk
oMJj\nsBeJmjvF+tZDp81LuoGbPak2go
QLdUIAdS8+ja4dLDQLBIOnNMvVa9TSTc
tEHQDf\nTvTiJdQijlPTtJBhUwwAOR+a
GQFiFJUtzyYqCFW5ra3dHnVYuEnhppdb
pzVkPoNQ\nhb95oiGDM4ql5uEd9Dh1qm
76T8pgYmeUzYpaZA==\n-----END
CERTIFICATE-----\n",
          "consolePassword":
"locker:password:2c692f41-7b78-
437f-8325-322350daeedc:Products-
Default-Admin-Password",
          "supportPassword":
"locker:password:2c692f41-7b78-
437f-8325-322350daeedc:Products-
Default-Admin-Password",

"vrniPlatformPassword":
```

| | | | |
|---|---|---|---|
| | | "locker:password:2c692f41-7b78-437f-8325-322350daeedc:Products-Default-Admin-Password",<br>"masterVidmEnabled": "false",<br>"license-1": "{\"alias\":\"vRS Small Import Environment-vrni-M543G-XXXX-CD7MZ\",\"key\":\"M543G-001E3-18T89-0MZ8P-CD7MZ\",\"description\":\"vRealize Network Insight\",\"quantity\":200,\"unit\":\"cpu\",\"type\":\"standalone\",\"account\":null,\"expiry\":0,\"status\":\"ACTIVE\",\"onPremAllocation\":null,\"startDate\":null,\"endDate\":null,\"casId\":null,\"lintId\":null,\"falconId\":null,\"productVersionMap\":{\"vrni\":[\"4.2.0\",\"5.0.0\",\"5.1.0\",\"5.2.0\",\"5.3.0\"],\"vrops\":[],\"vra\":[],\"vrbc\":[],\"vrli\":[]},\"expired\":false}",<br>"licenseVmid": "34256b6a-c470-48fe-8298-526c23d4f295"<br>}<br>}<br>]<br>}<br>] | |

| | | | |
|---|---|---|---|
| Validate vCenter Details | POST | /lcm/lcops/api/v2/datacenters/{dataCenterVmid}/vcenters/validate<br>Request parameters :<br>dataCenterVmid : d7689aa2-8b4d-4c60-a560-d733a089c558<br>vCenterName : VC1<br><br>Request body :<br>{<br>"vCenterName": "VC1",<br>"vCenterHost": "lcm-vc.sqa.local",<br>"vcUsername": "devuser@vsphere.local",<br>"vcPassword": "locker:password:65b3111f-5512-4915-b68c-d1c0fde2f86e:VC2-password",<br>"vcUsedAs": "MANAGEMENT"<br>}<br><br>Response code : 200 OK<br>Response body :<br>{<br>"requestId": "0fb80ba6-0e0f-42a1-84ff-d30d3705f362"<br>} | |

| | | | |
|---|---|---|---|
| Import vCenters using a JSON/CSV File | POST | /lcm/lcops/api/v2/datacenters/{dataCenterVmid}/vcenters/import<br>Request parameters :<br>dataCenterVmid : 768be52e-09b8-4ec9-a8b2-4510c236fdd3<br>vCenterImportFile : vCenters.json<br><br>Response code : 200 OK<br>Response body :<br>[<br>{<br>"vCenterHost": "lcm-vc2.sqa.local",<br>"vCenterName": "vCenter2",<br>"vcPassword": "VMware",<br>"vcUsedAs": "MANAGEMENT",<br>"vcUsername": "devuser@vsphere.local"<br>},<br>{<br>"vCenterHost": "lcm-vc1.sqa.local",<br>"vCenterName": "vCenter1",<br>"vcPassword": "Vmware5!",<br>"vcUsedAs": "MANAGEMENT",<br>"vcUsername": "administrator@vsphere.local"<br>}<br>] | |

| | | | |
|---|---|---|---|
| Validate vCenters to import using a JSON/CSV File | POST | /lcm/lcops/api/v2/datacenters/{dataCenterVmid}/vcenters/import/validate<br>Request parameter :<br>dataCenterVmid : 768be52e-09b8-4ec9-a8b2-4510c236fdd3<br>vCenterImportFile : vCenters.json<br><br>Response code : 200 OK<br>Response body :<br>[<br>{<br>"vCenterHost": "lcm-vc2.sqa.local",<br>"vCenterName": "vCenter2",<br>"vcPassword": "VMware",<br>"vcUsedAs": "MANAGEMENT",<br>"vcUsername": "devuser@vsphere.local"<br>},<br>{<br>"vCenterHost": "lcm-vc1.sqa.local",<br>"vCenterName": "vCenter1",<br>"vcPassword": "VMware",<br>"vcUsedAs": "MANAGEMENT",<br>"vcUsername": "administrator@vsphere.local"<br>}<br>] | **"vcUsedAs"** field can have values : **MANAGEMENT**, **WORKLOAD** and **MANAGEMENT_AND_WORKLOAD**<br><br>"**vCenterImportFile**" could be either **CSV** or **JSON** file<br><br>Content of File - vCenters.json<br>{<br>"vCenterHost": "lcm-vc2.sqa.local",<br>"vCenterName": "vCenter2",<br>"vcPassword": "VMware!805",<br>"vcUsedAs": "MANAGEMENT",<br>"vcUsername": "devuser@vsphere.local"<br>},<br>{<br>"vCenterHost": "lcm-vc1.sqa.local",<br>"vCenterName": "vCenter1",<br>"vcPassword": "VMware189!",<br>"vcUsedAs": "MANAGEMENT",<br>"vcUsername": "administrator@vsphere.local"<br>}<br>] |

# Product Policy Operation APIs

| Name | HTTP Method | Endpoint |
|---|---|---|
| Get All Supported Versions | GET | /lcm/lcops/api/v2/policy/products/{productId}/versions<br>Request parameter :<br>productId : vra<br>Response code : 200 OK<br>Response body :<br>[<br>"8.0.1",<br>"8.1.0",<br>"8.2.0"<br>] |
| Get All Node Types | GET | /lcm/lcops/api/v2/policy/products/{productId}/versions/{version}/node-types<br>Request parameter :<br>productId : vra<br>version: 8.1.0<br>Response code : 200 OK<br>Response body :<br>[<br>"vrava-primary",<br>"vrava-secondary"<br>] |

# Environment Operation APIs

| Name | HTTP Method | Endpoint | Description |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Get all Environments | GET | /lcm/lcops/api/v2/environments<br>Request parameter :<br>status : COMPLETED<br><br>Response code : 200 OK<br>Response body:<br>[<br>  {<br>  "environmentId": "globalenvironment",<br>  "environmentName": "globalenvironment",<br>  "environmentHealth": null,<br>  "logHistory": null,<br>  "environmentStatus": "COMPLETED",<br>  "infrastructure": {<br>  "properties": {<br>  "regionName": "default",<br>  "dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",<br>  "zoneName": "default",<br>  "defaultPassword": "locker:password:314c2f02-27a7-4d94-b178-e0dda61e4c88:VMware-Default-Password"<br>  }<br>  },<br>  "products": [<br>  {<br>  "id": "vidm",<br>  "version": "3.3.2",<br>  "patchHistory": null,<br>  "snapshotHistory": null,<br>  "logHistory": null,<br>  "clusterVIP": null,<br>  "nodes": [<br>  {<br>  "type": "vidm-primary",<br>  "properties": {<br>  "hostName": "lcm2-187-31.sqa.local",<br>  "cluster": "ESO_VC07_Cluster_07",<br>  "esxHost": "w1-hs1-g0312.eng.vmware.com",<br>  "memory": "6", | Here "**status**" can be **COMPLETED, FAILED or INPROGRESS** |

"diskMode": "thin",
"vCenterHost": "eso-vc07.eng.vmware.com",
"storage": "ESO_VC07_Cluster_07_vsanDatastore01",
"network": "WDC_HAAS_VM_VLAN1100",
"capacity": "60.2",

"vidmRootPassword": "locker:password:314c2f02-27a7-4d94-b178-e0dda61e4c88:VMware-Default-Password",

"vidmSystemAdminPassword": "locker:password:314c2f02-27a7-4d94-b178-e0dda61e4c88:VMware-Default-Password",

"enableTelemetry": "true",

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| | | | |
|---|---|---|---|
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```

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| | | }<br>] | |

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| Create an Environment | POST | /lcm/lcops/api/v2/environments<br>Deployments<br>vRA - vSSC Integration deployment<br>**vRA - vSSC Integration deployment**<br>{<br>"environmentId": "ea9112b2-47f0-4986-b31b-3299ece314e7",<br>"environmentName": "vSSC_install_env",<br>"environmentHealth": null,<br>"logHistory": null,<br>"environmentStatus": null,<br>"infrastructure": {<br>"properties": {<br>"dataCenterVmid": "a02c1138-334c-47f3-8889-ef95ea9a06dc",<br>"regionName": "",<br>"zoneName": "",<br>"vCenterName": "vc2",<br>"vCenterHost": "lcm-vc2.sqa.local",<br>"vcUsername": "Administrator@vsphere.local",<br>"vcPassword": "locker:password:ff94fae5-d219-4479-aa3e-cbea8b3d6010:VMware1!-vc",<br>"acceptEULA": "true",<br>"enableTelemetry": "true",<br>"defaultPassword": "locker:password:1afbb28f-0b04-4b02-a451-705c1d8ba984:VMware1!",<br>"certificate": "locker:certificate:e2a6e05a-7d81-467d-9e63-cf1aab53d7ca:sqa",<br>"cluster": "Datacenter#Cluster-01",<br>"storage": "ISCSI-15TB-03",<br>"folderName": "",<br>"resourcePool": "",<br>"diskMode": "thin",<br>"network": "infra-traffic-1024",<br>"masterVidmEnabled": "false", | Deployments<br>vROPS<br><br>**DiskMode :-**<br><br>Thin Deployments - "diskMode": "thin"<br><br>Thick Deployments - "diskMode": "thick"<br><br>**Integrate with vidm :-**<br><br>"masterVidmEnabled": "true"<br><br>"masterVidmEnabled": "false"<br><br>**TimeSync Mode :**<br><br>For ntp time sync mode :<br><br>"timeSyncMode": "ntp",<br><br>"ntp": "ntp1.eng.vmware.com"<br><br>For setting hostTime as time sync mode:<br><br>"timeSyncMode": "host"<br><br>**Deployment Type :**<br><br>Extra Small : "deployOption": "xsmall" |

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| | | Automation/8.3/SaltStackConfig/GUID-A941937E-3404-4EF7-865F-B94CA035FF24.html\",\"productInfo\":\"vRealize Automation SaltStack Config - 8.3.0\",\"deploymentType\":[\"Standard\"],\"deploymentItems\":{\"Node Count\":[\"1\"]},\"additionalInfo\":[\"*Standard - Single node deployment\"]}}]},{\"id\":\"vra\",\"type\":\"new\",\"selected\":true,\"sizes\":{\"8.3.0\":[\"standard\",\"cluster\"],\"8.4.0\":[\"standard\",\"cluster\"]},\"selectedVersion\":\"8.4.0\",\"selectedDeploymentType\":\"standard\",\"tenantId\":\"Standalone vRASSC\",\"description\":\"VMware vRealize Automation lets you deploy across a multi-vendor hybrid cloud infrastructure, giving you both flexibility and investment protection for current and future technology choices.\",\"detailsHref\":\"https://docs.vmware.com/en/vRealize-Automation/index.html\",\"errorMessage\":null,\"productVersions\":[{\"version\":\"8.3.0\",\"deploymentType\":[\"standard\",\"cluster\"],\"productDeploymentMetaData\":{\"sizingURL\":null,\"productInfo\":\"vRealize Automation-8.3.0\",\"deploymentType\":[\"Standard\",\"Cluster\"],\"deploymentItems\":{\"Node Count\":[\"1\",\"3\"]},\"additionalInfo\":[\"*Standard - One vRA node will be deployed\",\"*Cluster - Three vRA node will be deployed\"]}},{\"version\":\"8.4.0\",\"deploymentType\":[\"standard\",\"cluster\"],\"productDeploymentMetaData\":{\"sizingURL\":null,\"productInfo\":\"vRealize Automation-8.4.0\",\"deploymentType\":[\"Standard\",\"Cluster\"],\"de | VMID which you will get as a response of the Locker creation API and alias would be the one which is provided in the request payload for the locker api.<br><br>vROPs replica node deployment is High Availability , we can do HA deployment during install flow or during scale out flow<br><br>Deploy Nodes in Different vCenter:<br><br>Add all the properties under node type as shown for remotecollector node.<br><br>vRLI<br><br>**DiskMode :-**<br><br>Thin Deployments - "diskMode": "thin"<br><br>Thick Deployments - "diskMode": "thick" |

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| | | ploymentItems\":{\"Node Count\":[\"1\",\"3\"]},\"additionalInfo\":[\"*Standard - One vRA node will be deployed\",\"*Cluster - Three vRA node will be deployed\"]}}]}]",<br>"_isRedeploy": "false",<br>"_isResume": "false",<br>"_leverageProximity": "false",<br>"__isInstallerRequest": "false"<br>}<br>},<br>"products": [<br>{<br>"id": "vssc",<br>"version": "8.4.0",<br>"properties": {<br>"contentLibraryItemId": "",<br>"certificate": "locker:certificate:e2a6e05a-7d81-467d-9e63-cf1aab53d7ca:sqa",<br>"productPassword": "locker:password:1afbb28f-0b04-4b02-a451-705c1d8ba984:VMware1!",<br>"tenantId": "base tenant",<br>"licenseRef": "locker:license:72e252ee-5d4a-4edb-bbfa-650fae99a184:vRLI-with-fips-36-vrli-DJ481-XXXX-9XN0N",<br>"fipsMode": "false"<br>},<br>"clusterVIP": {<br>"clusterVips": []<br>},<br>"nodes": [<br>{<br>"type": "vssc-raas",<br>"properties": {<br>"vmName": "vssc-raas",<br>"hostName": "sqa.local",<br>"ip": "3.3.3.3"<br>}<br>}<br>]<br>}, | **Integrate with vidm :-**<br><br>"masterVidmEnabled" : "true"<br><br>"masterVidmEnabled" : "false"<br><br>**TimeSync Mode :**<br><br>For ntp time sync mode :<br><br>"timeSyncMode": "ntp",<br><br>"ntp": "ntp1.eng.vmware.com"<br><br>For setting hostTime as time sync mode:<br><br>"timeSyncMode": "host"<br><br>**Deployment Type :**<br><br>Standard or Cluster<br><br>**Locker Items:**<br><br>Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs. |

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| | | {<br>"id": "vra",<br>"version": "8.4.0",<br>"properties": {<br>"certificate": "locker:certificate:e2a6e05a-7d81-467d-9e63-cf1aab53d7ca:sqa",<br>"contentLibraryItemId": "",<br>"productPassword": "locker:password:1afbb28f-0b04-4b02-a451-705c1d8ba984:VMware1!",<br>"nodeSize": "medium",<br>"vraK8ServiceCidr": "",<br>"vraK8ClusterCidr": "",<br>"fipsMode": "false",<br>"ntp": "",<br>"timeSyncMode": "host",<br>"licenseRef": "locker:license:72e252ee-5d4a-4edb-bbfa-650fae99a184:vRLI-with-fips-36-vrli-DJ481-XXXX-9XN0N"<br>},<br>"clusterVIP": {<br>"clusterVips": []<br>},<br>"nodes": [<br>{<br>"type": "vrava-primary",<br>"properties": {<br>"vmName": "vrava-primary",<br>"hostName": "sqa.local",<br>"ip": "5.5.5.5"<br>}<br>}<br>]<br>}<br>]<br>}<br>vSSC Standalone<br>**vSSC Standalone**<br>{<br>"environmentId": "ea9112b2-47f0-4986-b31b-3299ece314e7",<br>"environmentName": "vSSC_install_env", | Locker reference will typically in the below format:<br><br>**Password**:<br><br>`locker:password:<vmid>:<alias>`<br><br>**Certificate**:<br><br>`locker:certificate:<vmid>:<alias>`<br><br>**License**:<br><br>`locker:license:<vmid>:<alias>`<br><br>VMID which you will get as a response of the Locker creation API and alias would be the one which is provided in the request payload for the locker api.<br><br>vRBC<br><br>**DiskMode :-**<br><br>Thin Deployments - "diskMode": "thin"<br><br>Thick Deployments - "diskMode": "thick"<br><br>**Integrate with vidm :-** |

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| | | "environmentHealth": null,<br>"logHistory": null,<br>"environmentStatus": null,<br>"infrastructure": {<br>"properties": {<br>"dataCenterVmid": "a02c1138-334c-47f3-8889-ef95ea9a06dc",<br>"regionName": "",<br>"zoneName": "",<br>"vCenterName": "vc2",<br>"vCenterHost": "lcm-vc2.sqa.local",<br>"vcUsername": "Administrator@vsphere.local",<br>"vcPassword": "locker:password:ff94fae5-d219-4479-aa3e-cbea8b3d6010:VMware1!-vc",<br>"acceptEULA": "true",<br>"enableTelemetry": "true",<br>"defaultPassword": "locker:password:1afbb28f-0b04-4b02-a451-705c1d8ba984:VMware1!",<br>"certificate": "locker:certificate:e2a6e05a-7d81-467d-9e63-cf1aab53d7ca:sqa",<br>"cluster": "Datacenter#Cluster-01",<br>"storage": "ISCSI-15TB-03",<br>"folderName": "",<br>"resourcePool": "",<br>"diskMode": "thin",<br>"network": "infra-traffic-1024",<br>"masterVidmEnabled": "false",<br>"dns": "1.1.1.1",<br>"domain": "sqa.local",<br>"gateway": "2.2.2.2",<br>"netmask": "3.3.3.3",<br>"searchpath": "sqa.local",<br>"timeSyncMode": "host",<br>"ntp": "",<br>"isDhcp": "false",<br>"vcfProperties": "{\"vcfEnabled\":false,\"sddcManagerDetails\":[]}",<br>"_selectedProducts": "[{\"id\":\"vssc\",\"type\":\ | "masterVidmEnabled" : "true"<br><br>"masterVidmEnabled" : "false"<br><br>**TimeSync Mode :**<br><br>For ntp time sync mode :<br><br>"timeSyncMode": "ntp",<br><br>"ntp": "ntp1.eng.vmware.com"<br><br>For setting hostTime as time sync mode:<br><br>"timeSyncMode": "host"<br><br>**Deployment Type :** Standard<br><br>**Locker Items:**<br><br>Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.<br><br>Locker reference will typically in the below format: |

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| | | "new\",\"selected\":true,\"sizes\":{\"8.3.0\":[\"standard\"],\"8.4.0\":[\"standard\"]},\"selectedVersion\":\"8.4.0\",\"selectedDeploymentType\":\"standard\",\"tenantId\":\"Standalone vRASSC\",\"description\":\"vRealize Automation SaltStack Config is a powerful software configuration management capability available in vRealize Automation. Easily define optimized, compliant software states and enforce them across your entire environment—virtualized, hybrid or public cloud—with powerful, intuitive configuration automation.\",\"detailsHref\":\"https://www.saltstack.com/saltstack-integrations\",\"errorMessage\":null,\"productVersions\":[{\"version\":\"8.4.0\",\"deploymentType\":[\"standard\"],\"productDeploymentMetaData\":{\"sizingURL\":\"https://www.saltstack.com/products/saltstack-enterprise/\",\"productInfo\":\"vRealize Automation SaltStack Config - 8.4.0\",\"deploymentType\":null,\"deploymentItems\":null,\"additionalInfo\":null}},{\"version\":\"8.3.0\",\"deploymentType\":[\"standard\"],\"productDeploymentMetaData\":{\"sizingURL\":\"https://docs.vmware.com/en/vRealize-Automation/8.3/SaltStackConfig/GUID-A941937E-3404-4EF7-865F-B94CA035FF24.html\",\"productInfo\":\"vRealize Automation SaltStack Config - 8.3.0\",\"deploymentType\":[\"Standard\"],\"deploymentItems\":{\"Node Count\":[\"1\"]},\"additionalInfo\":[\"*Standard - Single node deployment\"]}}]}]",<br>"_isRedeploy": "false",<br>"_isResume": "false", | **Password**:<br><br>`locker:password:<vmid>:<alias>`<br><br>**Certificate**:<br><br>`locker:certificate:<vmid>:<alias>`<br><br>**License**:<br><br>`locker:license:<vmid>:<alias>`<br><br>VMID which you will get as a response of the Locker creation API and alias would be the one which is provided in the request payload for the locker api.<br><br>vRA 8.x<br><br>**DiskMode :-**<br><br>Thin Deployments - "diskMode": "thin"<br><br>Thick Deployments - "diskMode": "thick"<br><br>**Deployment Type : (Standard, Cluster)**<br><br>**Locker Items:**<br><br>Locker items such as password, certificates, licenses should be |

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| | | "_leverageProximity": "false",<br>"__isInstallerRequest": "false"<br>}<br>},<br>"products": [<br>{<br>"id": "vssc",<br>"version": "8.4.0",<br>"properties": {<br>"contentLibraryItemId": "",<br>"certificate": "locker:certificate:e2a6e05a-7d81-467d-9e63-cf1aab53d7ca:sqa",<br>"productPassword": "locker:password:1afbb28f-0b04-4b02-a451-705c1d8ba984:VMware1!",<br>"tenantId": "Standalone vRASSC",<br>"licenseRef": "locker:license:a52abf9a-4656-4718-afd8-4e44eec26136:vssc_licese",<br>"fipsMode": "false"<br>},<br>"clusterVIP": {<br>"clusterVips": []<br>},<br>"nodes": [<br>{<br>"type": "vssc-raas",<br>"properties": {<br>"vmName": "rvishnuvardjan-vssc-raas-123",<br>"hostName": "sqa.local",<br>"ip": "4.4.4.4"<br>}<br>}<br>]<br>}<br>]<br>}<br>vROPS<br>Request body : "environmentRequestDTO"<br>{<br>"environmentName": "vrops_large_deployments", | created. Refer section 3 for Locker related APIs.<br><br>Locker reference will typically in the below format:<br><br>**Password**:<br>`locker:password:<vmid>:<alias>`<br><br>**Certificate**:<br>`locker:certificate:<vmid>:<alias>`<br><br>**License**:<br>`locker:license:<vmid>:<alias>`<br><br>VMID which you will get as a response of the Locker creation API and alias would be the one which is provided in the request payload for the locker api.<br><br>vIDM<br><br>**DiskMode :-**<br><br>Thin Deployments - "diskMode": "thin" |

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| | | "infrastructure": {<br>"properties": {<br>"dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",<br>"regionName": "default",<br>"zoneName": "default",<br>"vCenterName": "LCM-VC2",<br>"vCenterHost": "lcm-vc2.sqa.local",<br>"vcUsername": "autouser@vsphere.local",<br>"vcPassword": "",<br>"acceptEULA": "true",<br>"enableTelemetry": "true",<br>"adminEmail": "abc@vmware.com",<br>"defaultPassword": "",<br>"certificate": "",<br>"cluster": "Datacenter#Cluster-01",<br>"storage": "ISCSI-15TB-04",<br>"folderName": "",<br>"resourcePool": "",<br>"diskMode": "thin",<br>"network": "infra-traffic-1024",<br>"masterVidmEnabled": "false",<br>"dns": "10.141.66.213,10.118.183.252",<br>"domain": "sqa.local",<br>"gateway": "10.196.57.253",<br>"netmask": "255.255.254.0",<br>"searchpath": "sqa.local",<br>"timeSyncMode": "ntp",<br>"ntp": "ntp1.eng.vmware.com",<br>"isDhcp": "false"<br>}<br>},<br>"products": [<br>{<br>"id": "vrops",<br>"version": "8.0.1",<br>"properties": { | Thick Deployments - "diskMode": "thick"<br><br>**Deployment Type : (Standard, Cluster)**<br><br>**Locker Items:**<br><br>Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.<br><br>Locker reference will typically in the below format:<br><br>**Password**:<br><br>`locker:password:<vmid>:<alias>`<br><br>**Certificate**:<br><br>`locker:certificate:<vmid>:<alias>`<br><br>**License**:<br><br>`locker:license:<vmid>:<alias>`<br><br>VMID which you will get as a response of the Locker creation |

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| | | "licenseRef": "locker:license:eab62-bc21-643cf0b9cafa:license",<br>"certificate": "locker:certificate:f4e98b983:vmware",<br>"productPassword": "locker:password:d21-d9de2c10:VMware1!",<br>"disableTls": "",<br>"timeSyncMode": "ntp",<br>"masterVidmEnabled": false,<br>"ntp": "ntp1.eng.vmware.com",<br>"affinityRule": false,<br>"configureAffinitySeparateAll": "true",<br>"deployOption": "large",<br>"fipsMode" : "true"<br>},<br>"clusterVIP": {<br>"clusterVips": []<br>},<br>"nodes": [<br>{<br>"type": "remotecollector",<br>"properties": {<br>"vmName": "vrops-remotecollector",<br>"hostName": "sqa.local",<br>"deployOption": "smallrc",<br>"ip": "4.4.4.4",<br>"gateway": "2.2.2.2",<br>"domain": "2.2.2.2",<br>"searchpath": "2.2.2.2",<br>"dns": "10.141.66.213",<br>"netmask": "2.2.2.2",<br>"extendedStorage": "",<br>"timeZone": "",<br>"ntp": "", | API and alias would be the one which is provided in the request payload for the locker api.<br><br>vRNI<br><br>**DiskMode :-**<br><br>Thin Deployments - "diskMode": "thin"<br><br>Thick Deployments - "diskMode": "thick"<br><br>**Integrate with vidm :-**<br><br>"masterVidmEnabled" : "true"<br><br>"masterVidmEnabled" : "false"<br><br>**TimeSync Mode :**<br><br>For ntp time sync mode :<br><br>"timeSyncMode": "ntp",<br><br>"ntp": "ntp1.eng.vmware.com"<br><br>For setting hostTime as time sync mode: NA<br><br>**Deployment Type : (Standard or Cluster)** |

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| | | "vCenterHost": "lcm-vc1.sqa.local",<br>"cluster": "Datacenter-01#Cluster-01",<br>"resourcePool": "",<br>"folderName": "",<br>"network": "dvs-55-Network-314b11d9-c958-4aa2-af98-cd5439a970d7",<br>"storage": "ISCSI-15TB-02",<br>"diskMode": "thin",<br>"contentLibraryItemId": "",<br>"vCenterName": "lcm-vc1",<br>"vcUsername": "devuser@vsphere.local",<br>"vcPassword": "locker:password:4984d8e4-825b-4694-99cf-db80b41b5ac2:vc-password"<br>}<br>},<br>{<br>"type": "master",<br>"properties": {<br>"vmName": "mastervmname",<br>"hostName": "lcm-57-68.sqa.local",<br>"ip": "10.196.57.68"<br>}<br>},<br>{<br>"type": "replica",<br>"properties": {<br>"vmName": "replicavmname",<br>"hostName": "lcm-57-69.sqa.local",<br>"ip": "10.196.57.69"<br>}<br>},<br>{<br>"type": "data",<br>"properties": {<br>"vmName": "datavmname",<br>"hostName": "lcm-57-70.sqa.local", | **Locker Items:**<br><br>Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.<br><br>Locker reference will typically in the below format:<br><br>**Password**:<br><br>`locker:password:<vmid>:<alias>`<br><br>**Certificate**:<br><br>`locker:certificate:<vmid>:<alias>`<br><br>**License**:<br><br>`locker:license:<vmid>:<alias>`<br><br>VMID which you will get as a response of the Locker creation API and alias would be the one which is provided in the request payload for the locker api.<br><br>Imports |

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| | | "ip": "10.196.57.70" } } ] } ] }<br><br>Response code : 200 OK<br>Response Body :<br>{ "requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c" }<br>vRLI<br>Request Body : "environmentRequestDTO"<br><br>{ "environmentName": "vrli_deployment", "infrastructure": { "properties": { "dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2", "regionName": "default", "zoneName": "default", "vCenterName": "LCM-VC2", "vCenterHost": "lcm-vc2.sqa.local", "vcUsername": "autouser@vsphere.local", "vcPassword": "locker:password:1a72-4d:kar-LCM-VC2-Import-vCenter", "acceptEULA": "true", "enableTelemetry": "true", "adminEmail": "abc@vmware.com", "defaultPassword": "locker:password:8f91-c6032ee9c5bb:VMware1!", "certificate": "locker:certificate:49b2-98ba-c1d2bdf35b0a:vm", "cluster": "Datacenter#Cluster-01", "storage": "ISCSI-15TB-04", "folderName": "", | vROPS<br><br>**Locker Items:**<br><br>Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.<br><br>Locker reference will typically in the below format:<br><br>**Password**:<br><br>locker:password:<vmid>:<alias><br><br>**Certificate**:<br><br>locker:certificate:<vmid>:<alias><br><br>**License**:<br><br>locker:license:<vmid>:<alias><br><br>VMID which you will get as a response of the Locker creation API and alias would be the one which is provided in the request payload for the locker api. |

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| | | "resourcePool": "",<br>"diskMode": "thin",<br>"network": "infra-traffic-1024",<br>"masterVidmEnabled": "false",<br>"dns": "10.141.66.213,10.118.183.252",<br>"domain": "sqa.local",<br>"gateway": "10.196.57.253",<br>"netmask": "255.255.254.0",<br>"searchpath": "sqa.local",<br>"timeSyncMode": "host",<br>"ntp": "",<br>"isDhcp": "false"<br>}<br>},<br>"products": [<br>{<br>"id": "vrli",<br>"version": "8.0.0",<br>"properties": {<br>"certificate": "locker:certificate:49b8f38fd2bdf35b0a:vm",<br>"productPassword": "locker:password:811-c6032ee9c5bb:VMware1!",<br>"licenseRef": "locker:license:93a380ce-081c-411ca58f8ddb:license",<br>"nodeSize": "small",<br>"configureClusterVIP": "false",<br>"affinityRule": false,<br>"isUpgradeVmCompatibility": true,<br>"vrliAlwaysUseEnglish": false,<br>"masterVidmEnabled": true,<br>"configureAffinitySeparateAll": "true",<br>"ntp": "",<br>"timeSyncMode": "host", | vRLI<br><br>**Locker Items:**<br><br>Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.<br><br>Locker reference will typically in the below format:<br><br>**Password**:<br><br>locker:password:<vmid>:<alias><br><br>**Certificate**:<br><br>locker:certificate:<vmid>:<alias><br><br>**License**:<br><br>locker:license:<vmid>:<alias><br><br>VMID which you will get as a response of the Locker creation API and alias would be the one which is provided in the request payload for the locker api. |

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| | | "fipsMode" : "true"<br>},<br>"clusterVIP": {<br>"clusterVips": [<br>{<br>"type": "vrli-cluster-1",<br>"properties": {<br>"hostName": "fqdm1.sqa.local",<br>"ip": "3.3.3.3"<br>}<br>},<br>{<br>"type": "vrli-cluster-2",<br>"properties": {<br>"hostName": "fqdm2.sqa.local",<br>"ip": "4.4.4.4"<br>}<br>}<br>]<br>},<br>"nodes": [<br>{<br>"type": "vrli-worker",<br>"properties": {<br>"vmName": "vrli-worker-2",<br>"hostName": "lcm-57-68.sqa.local",<br>"ip": "10.196.57.68"<br>}<br>},<br>{<br>"type": "vrli-worker",<br>"properties": {<br>"vmName": "vrli-worker-1",<br>"hostName": "lcm-57-69.sqa.local",<br>"ip": "10.196.57.69"<br>}<br>},<br>{<br>"type": "vrli-master",<br>"properties": {<br>"vmName": "vrli-master-1", | vRBC<br><br>**Locker Items:**<br><br>Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.<br><br>Locker reference will typically in the below format:<br><br>**Password**:<br><br>locker:password:<vmid>:<alias><br><br>**Certificate**:<br><br>locker:certificate:<vmid>:<alias><br><br>**License**:<br><br>locker:license:<vmid>:<alias><br><br>VMID which you will get as a response of the Locker creation API and alias would be the one which is provided in the request payload for the locker api. |

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| | | "hostName": "lcm-57-70.sqa.local",<br>"ip": "10.196.57.70"<br>}<br>}<br>]<br>}<br>]<br>}<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>}<br>vRBC<br>Request body : "environmentRequestDTO"<br>{<br>"environmentName": "vrbc_env",<br>"infrastructure": {<br>"properties": {<br>"dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",<br>"regionName": "default",<br>"zoneName": "default",<br>"vCenterName": "lcm-vc2",<br>"vCenterHost": "lcm-vc2.sqa.local",<br>"vcUsername": "devuser@vsphere.local",<br>"vcPassword": "locker:password:4984d8e4-825b-4694-99cf-db80b41b5ac2:vc-password",<br>"acceptEULA": "true",<br>"enableTelemetry": "true",<br>"adminEmail": "rvishnuvardh@vmware.com",<br>"defaultPassword": "locker:password:4984d8e4-825b-4694-99cf-db80b41b5ac2:vc-password",<br>"certificate": "locker:certificate:971f4dfb-ec39-4f1d-b61a-2f9d42d9ec5e:Ranjitha", | vRA 7.x<br><br>**Locker Items:**<br><br>Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.<br><br>Locker reference will typically in the below format:<br><br>**Password**:<br><br>locker:password:<vmid>:<alias><br><br>**Certificate**:<br><br>locker:certificate:<vmid>:<alias><br><br>**License**:<br><br>locker:license:<vmid>:<alias><br><br>VMID which you will get as a response of the Locker creation API and alias would be the one which is provided in the request payload for the locker api. |

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| | | "cluster": "Datacenter#Cluster-01",<br>"storage": "ISCSI-15TB-04",<br>"folderName": "",<br>"resourcePool": "",<br>"diskMode": "thin",<br>"network": "infra-traffic-1024",<br>"masterVidmEnabled": "false",<br>"dns": "10.141.66.213",<br>"domain": "2.2.2.2",<br>"gateway": "2.2.2.2",<br>"netmask": "2.2.2.2",<br>"searchpath": "2.2.2.2",<br>"timeSyncMode": "host",<br>"ntp": "",<br>"isDhcp": "false"<br>}<br>},<br>"products": [<br>{<br>"id": "vrbc",<br>"version": "7.6.0",<br>"properties": {<br>"certificate": "locker:certificate:971f4dfb-ec39-4f1d-b61a-2f9d42d9ec5e:Ranjitha",<br>"contentLibraryItemId": "",<br>"productPassword": "locker:password:4984d8e4-825b-4694-99cf-db80b41b5ac2:vc-password",<br>"licenseRef": "locker:license:82026bee-b2aa-42bc-a9c7-2000aabda280:prod-lic",<br>"currency": "AED - UAE Dirham",<br>"vrbAuthType": "standalone",<br>"timeSyncMode": "host",<br>"ntp": "",<br>"affinityRule": false,<br>"configureAffinitySeparateAll": "true"<br>},<br>"clusterVIP": {<br>"clusterVips": [] | vRA 8.x<br><br>**Locker Items:**<br><br>Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.<br><br>Locker reference will typically in the below format:<br><br>**Password**:<br><br>locker:password:<vmid>:<alias><br><br>**Certificate**:<br><br>locker:certificate:<vmid>:<alias><br><br>**License**:<br><br>locker:license:<vmid>:<alias><br><br>VMID which you will get as a response of the Locker creation API and alias would be the one which is provided in the request payload for the locker api. |

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| | | `},`<br>`"nodes": [`<br>`{`<br>`"type": "vrb-server",`<br>`"properties": {`<br>`"vmName": "vrb-server",`<br>`"hostName": "sqa.local",`<br>`"ip": "5.5.5.5"`<br>`}`<br>`}`<br>`]`<br>`}`<br>`]`<br>`}`<br><br>`Response code : 200 OK`<br>`Response Body :`<br>`{`<br>`"requestId":"5fcv194a-6e1f-4772-a97d-af300ad5086c"`<br>`}`<br><br>vRA 8.x<br>`Request Body : "environmentRequestDTO"`<br><br>`{`<br>`"environmentName": "vra_deployment",`<br>`"infrastructure": {`<br>`"properties": {`<br>`"dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",`<br>`"regionName": "default",`<br>`"zoneName": "default",`<br>`"vCenterName": "LCM-VC2",`<br>`"vCenterHost": "lcm-vc2.sqa.local",`<br>`"vcUsername": "autouser@vsphere.local",`<br>`"vcPassword": "locker:password:1a72829r-LCM-VC2-Import-vCenter",` | vIDM<br><br>**Locker Items:**<br><br>Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.<br><br>Locker reference will typically in the below format:<br><br>**Password**:<br><br>locker:password:<vmid>:<alias><br><br>**Certificate**:<br><br>locker:certificate:<vmid>:<alias><br><br>**License**:<br><br>locker:license:<vmid>:<alias><br><br>VMID which you will get as a response of the Locker creation API and alias would be the one which is provided in the request payload for the locker api. |

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| | | "acceptEULA": "true",<br>"enableTelemetry": "true",<br>"adminEmail": "abc@vmware.com",<br>"defaultPassword": "locker:password:81fb2ee9c5bb:VMware1!",<br>"certificate": "locker:certificate:49b8ff35b0a:vm",<br>"cluster": "Datacenter#Cluster-01",<br>"storage": "ISCSI-15TB-04",<br>"folderName": "",<br>"resourcePool": "",<br>"diskMode": "thin",<br>"network": "infra-traffic-1024",<br>"masterVidmEnabled": "false",<br>"dns": "10.141.66.213,10.118.183.252",<br>"domain": "sqa.local",<br>"gateway": "10.196.57.253",<br>"netmask": "255.255.254.0",<br>"searchpath": "sqa.local",<br>"timeSyncMode": "host",<br>"ntp": "",<br>"isDhcp": "false"<br>}<br>},<br>"products": [<br>{<br>"id": "vra",<br>"version": "8.1.0",<br>"properties": {<br>"certificate": "locker:certificate:49b8b2-98ba-c1d2bdf35b0a:vm",<br>"productPassword": "locker:password:81f41d9c5bb:VMware1!",<br>"licenseRef": "locker:license:c2cbdd94-0c38-4e6e-90b0-1e86104c14ca:lic",<br>"fipsMode" : "true"<br>},<br>"clusterVIP": {<br>"clusterVips": [] | vRNI<br><br>**Locker Items:**<br><br>Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.<br><br>Locker reference will typically in the below format:<br><br>**Password**:<br><br>locker:password:<vmid>:<alias><br><br>**Certificate**:<br><br>locker:certificate:<vmid>:<alias><br><br>**License**:<br><br>locker:license:<vmid>:<alias><br><br>VMID which you will get as a response of the Locker creation API and alias would be the one which is provided in the request payload for the locker api. |

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| | | },<br>"nodes": [<br>{<br>"type": "vrava-primary",<br>"properties": {<br>"vmName": "vrava-primary",<br>"hostName": "lcm-57-68.sqa.local",<br>"ip": "10.196.57.68"<br>}<br>},<br>{<br>"type": "vrava-secondary",<br>"properties": {<br>"vmName": "vrava-secondary",<br>"hostName": "lcm-57-69.sqa.local",<br>"ip": "10.196.57.69"<br>}<br>},<br>{<br>"type": "vrava-secondary",<br>"properties": {<br>"vmName": "vrava-secondary",<br>"hostName": "lcm-57-67.sqa.local",<br>"ip": "10.196.57.67"<br>}<br>}<br>]<br>}<br>]<br>}<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>}<br>vIDM<br>Request Body : "environmentRequestDTO"<br>{<br>"environmentName": "globalenvironment", | |

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|---|---|---|---|
| | | "id": "vidm",<br>"version": "3.3.2",<br>"properties": {<br>"vidmAdminPassword": "locker:password:d228-ae91-d9de9bd62c10:VMware1!",<br>"syncGroupMembers": false,<br><br>"defaultConfigurationUsername": "configadmin",<br><br>"defaultConfigurationPassword": "locker:password:d222c10:VMware1!",<br>"certificate": "locker:certificate:0ee3fce5-de0b-448a-80e9-b1d2c6:vm"<br>},<br>"clusterVIP": {<br>"clusterVips": [<br>{<br>"type": "vidm-lb",<br>"properties": {<br>"hostName": "lcm-69.sqa.local"<br>}<br>},<br>{<br>"type": "vidm-delegate",<br>"properties": {<br>"ip": "10.196.57.68"<br>}<br>}<br>]<br>},<br>"nodes": [<br>{<br>"type": "vidm-secondary",<br>"properties": {<br>"vmName": "vidm-secondary",<br>"hostName": "sqa.local",<br>"ip": "4.4.4.4",<br>"gateway": "3.3.3.3",<br>"domain": "3.3.3.3",<br>"searchpath": "3.3.3.3", | |

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"10.141.66.213,10.118.183.252
",
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"lcm-vc1.sqa.local",
            "cluster":
"Datacenter-01#Cluster-01",
            "resourcePool":
"",
            "folderName": "",
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55-Network-314b11d9-c958-
4aa2-af98-cd5439a970d7",
            "storage":
"ISCSI-15TB-01",
            "diskMode":
"thin",
            "vCenterName":
"LCM-VC1",
            "vcUsername":
"autouser@vsphere.local",
            "vcPassword":
"locker:password:9b0bcbbf-
e38c-49ea-af48-
22a23e8a88bb:Karnataka-LCM-
VC1-Import-vCenter"
          }
        },
        {
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connector",
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69.sqa.local",
            "isDomainJoined":
true,
            "domainAdmin":
"DOMAIN\\configadmin",

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"locker:password:d22698a0:VMw
are1!",
            "adminUserName":
"",
            "vmName": "vidm-
connector",

"vidmConnectorName":
"windows",

"vidmConnectorAdminPassword":
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| | | | |
|---|---|---|---|
| | | "locker:password:a1b8436:VMware1!200",<br>"adminPassword": ""<br>}<br>},<br>{<br>"type": "vidm-secondary",<br>"properties": {<br>"vmName": "vidm-secondary",<br>"hostName": "lcm-69.sqa.local",<br>"ip": "10.196.57.69"<br>}<br>},<br>{<br>"type": "vidm-primary",<br>"properties": {<br>"vmName": "vidm-primary",<br>"hostName": "lcm-57.sqa.local",<br>"ip": "10.196.57.68"<br>}<br>}<br>]<br>}<br>]<br>}<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>}<br>vRNI<br>Request Body : "environmentRequestDTO"<br>{<br>"environmentName": "vRNI_deployment",<br>"infrastructure": {<br>"properties": {<br>"dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",<br>"regionName": "default",<br>"zoneName": "default", | |

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|---|---|---|---|
| | | "vCenterName": "LCM-VC2",<br>"vCenterHost": "lcm-vc2.sqa.local",<br>"vcUsername": "autouser@vsphere.local",<br>"vcPassword": "locker:password:1a72b1b-40:kar-LCM-VC2-Import-vCenter",<br>"acceptEULA": "true",<br>"enableTelemetry": "true",<br>"adminEmail": "abc@vmware.com",<br>"defaultPassword": "locker:password:81fb1-c6032ee9c5bb:VMware1!",<br>"certificate": "locker:certificate:49b8f38f-2bdf35b0a:vm",<br>"cluster": "Datacenter#Cluster-01",<br>"storage": "ISCSI-15TB-04",<br>"folderName": "",<br>"resourcePool": "",<br>"diskMode": "thin",<br>"network": "infra-traffic-1024",<br>"masterVidmEnabled": "false",<br>"dns": "10.141.66.213,10.118.183.252",<br>"domain": "sqa.local",<br>"gateway": "10.196.57.253",<br>"netmask": "255.255.254.0",<br>"searchpath": "sqa.local",<br>"timeSyncMode": "host",<br>"ntp": "",<br>"isDhcp": "false"<br>}<br>},<br>"products": [<br>{<br>"id": "vrni",<br>"version": "5.1.0",<br>"properties": {<br>"ntp": "",<br>"certificate": "locker:certificate:49bfe-43b2-98ba-c1d2bdf35b0a:vm", | |

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c6032ee9c5bb:VMware1!",
        "licenseRef":
"locker:license:6b6-9cfa-
3b8a920b99d3:vRNI",
        "affinityRule":
false,

"configureAffinitySeparateAll
": "true",
        "masterVidmEnabled":
false
      },
      "clusterVIP": {
        "clusterVips": []
      },
      "nodes": [
        {
          "type": "vrni-
platform",
          "properties": {
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platform",
            "vrniNodeSize":
"medium",
            "ip":
"10.196.57.68"
          }
        },
        {
          "type": "vrni-
collector",
          "properties": {
            "vmName": "vrni-
collector",
            "vrniNodeSize":
"medium",
            "ip":
"10.196.57.69"
          }
        }
      ]
    }
  ]
}

Response code : 200 OK
Response Body :
{
        "requestId":"1dac194a-
6e1f-4772-a97d-af300ad5086c"
}
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Imports

vSSC Standalone Import

| | | | |
|---|---|---|---|
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vRealize Automation. Easily define optimized, compliant software states and enforce them across your entire environment—virtualized, hybrid or public cloud—with powerful, intuitive configuration automation.\",\"detailsHref\":\"https://www.saltstack.com/saltstack-integrations\",\"errorMessage\":null,\"productVersions\":[{\"version\":\"8.4.0\",\"deploymentType\":[\"standard\"],\"productDeploymentMetaData\":{\"sizingURL\":\"https://www.saltstack.com/products/saltstack-enterprise/\",\"productInfo\":\"vRealize Automation SaltStack Config - 8.4.0\",\"deploymentType\":null,\"deploymentItems\":null,\"additionalInfo\":null}},{\"version\":\"8.3.0\",\"deploymentType\":[\"standard\"],\"productDeploymentMetaData\":{\"sizingURL\":\"https://docs.vmware.com/en/vRealize-Automation/8.3/SaltStackConfig/GUID-A941937E-3404-4EF7-865F-B94CA035FF24.html\",\"productInfo\":\"vRealize Automation SaltStack Config - 8.3.0\",\"deploymentType\":[\"Standard\"],\"deploymentItems\":{\"Node Count\":[\"1\"]},\"additionalInfo\":[\"*Standard - Single node deployment\"]}}]}]",
      "_isRedeploy": "false",
      "_isResume": "false",
      "_leverageProximity": "false",
      "__isInstallerRequest": "false"
    }
  },
  "products": [
    {
      "id": "vssc",
      "version": "8.4.0",
      "properties": {
        "isImport": "true",

| | | | |
|---|---|---|---|
| | | "vsscHostName": "sqa.local",<br>"vCenterList": "[{\"vCenterHost\":\"wdc-lcm-vc.sqa.local\",\"vcUsername\":\"administrator@vsphere.local\",\"vcPassword\":\"locker:password:9e3fc525-acfd-4040-9b89-d4c5409eea74:WDC-LCM-VC-3d849c47-1814-45b7-906f-ec1f6f02f911\"}]",<br><br>"vrasscAdminPassword": "locker:password:ddee09a1-04e2-41c5-a6d4-fd3262cb4f1a:VMware1!",<br>"rootPassword": "locker:password:ddee09a1-04e2-41c5-a6d4-fd3262cb4f1a:VMware1!",<br>"tenantId": "Standalone vRASSC"<br>},<br>"clusterVIP": {<br>"clusterVips": []<br>},<br>"nodes": []<br>}<br>]<br>}<br>vROPS<br>Request Body : "environmentRequestDTO"<br>{<br>"environmentName": "vrops_import_env",<br>"infrastructure": {<br>"properties": {<br>"dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",<br>"regionName": "default",<br>"zoneName": "default",<br>"vCenterName": "",<br>"vCenterHost": "",<br>"vcUsername": "",<br>"vcPassword": "",<br>"acceptEULA": "false",<br>"enableTelemetry": "true",<br>"adminEmail": "abc@vmware.com",<br>"defaultPassword": "",<br>"certificate": "", | |

| | | | |
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| | | "cluster": "",<br>"storage": "",<br>"folderName": "",<br>"resourcePool": "",<br>"diskMode": "",<br>"network": "",<br>"masterVidmEnabled": "false",<br>"dns": "",<br>"domain": "",<br>"gateway": "",<br>"netmask": "",<br>"searchpath": "",<br>"timeSyncMode": "host",<br>"ntp": "",<br>"isDhcp": "false"<br>}<br>},<br>"products": [<br>{<br>"id": "vrops",<br>"version": "8.0.1",<br>"properties": {<br>"vropsMasterNodeIP": "10.196.57.68",<br>"vCenterList":"",<br>"vropsAdminPassword": "locker:password:81fb3628-bdad-c6032ee9c5bb:VMware1!",<br>"rootPassword": "locker:password:1fb3628-bdad-41d9-af91-c5bb:VMware1!",<br>"isImport": "true"<br>},<br>"clusterVIP": {<br>"clusterVips": []<br>},<br>"nodes": []<br>}<br>]<br>}<br><br>Response code : 200 OK<br>Response Body:<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>}<br>vRLI<br>Request Body : "environmentRequestDTO"<br>{<br>"environmentName": "vrli_import_env", | |

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c34a4d3d90c2",
      "regionName":
"default",
      "zoneName": "default",
      "vCenterName": "",
      "vCenterHost": "",
      "vcUsername": "",
      "vcPassword": "",
      "acceptEULA": "false",
      "enableTelemetry":
"true",
      "adminEmail":
"rvishnuvardh@vmware.com",
      "defaultPassword":
"locker:password:81fb3628-
c6032ee9c5bb:VMware1!",
      "certificate": "",
      "cluster": "",
      "storage": "",
      "folderName": "",
      "resourcePool": "",
      "diskMode": "",
      "network": "",
      "masterVidmEnabled":
"false",
      "dns": "",
      "domain": "",
      "gateway": "",
      "netmask": "",
      "searchpath": "",
      "timeSyncMode": "host",
      "ntp": "",
      "isDhcp": "false"
    }
  },
  "products": [
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      "version": "8.0.0",
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        "vrliHostName": "lcm-
57.sqa.local",
        "vCenterList": "",
        "vrliAdminPassword":
"locker:password:81fb3628-
bdad-4c5bb:VMware1!",
        "rootPassword":
"locker:password:81fb3628-
bdad-49c5bb:VMware1!",
        "isImport": "true"
      },
      "clusterVIP": {
```

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| | | "clusterVips": []<br>},<br>"nodes": []<br>}<br>]<br>}<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>}<br>vRBC<br>Request Body :<br>"environmentRequestDTO"<br>{<br>"environmentName": "vRBC_import_env",<br>"infrastructure": {<br>"properties": {<br>"dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",<br>"regionName": "default",<br>"zoneName": "default",<br>"vCenterName": "",<br>"vCenterHost": "",<br>"vcUsername": "",<br>"vcPassword": "",<br>"acceptEULA": "false",<br>"enableTelemetry": "true",<br>"adminEmail": "rvishnuvardh@vmware.com",<br>"defaultPassword": "locker:password:81fb3628-32ee9c5bb:VMware1!",<br>"certificate": "",<br>"cluster": "",<br>"storage": "",<br>"folderName": "",<br>"resourcePool": "",<br>"diskMode": "",<br>"network": "",<br>"masterVidmEnabled": "false",<br>"dns": "",<br>"domain": "",<br>"gateway": "",<br>"netmask": "",<br>"searchpath": "",<br>"timeSyncMode": "host",<br>"ntp": "", | |

```
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    }
  },
  "products": [
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      "properties": {
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        "vrbHostName": "lcm-
57.sqa.local",
        "vrbRootPassword":
"locker:password:81fb3628032e
e9c5bb:VMware1!",
        "vCenterList": "",
        "vrbAuthType":
"standalone",
        "vrbVidmHostName":
"",

"vrbVidmAdminUserName": "",

"vrbVidmAdminPassword": "",
        "vrbCafeSsoTenant":
"vsphere.local",

"vrbCafeSsoAdminUser": "",
        "vrbCafeSsoPassword":
"",
        "isImport": "true"
      },
      "clusterVIP": {
        "clusterVips": []
      },
      "nodes": []
    }
  ]
}

Response code : 200 OK
Response Body :
{
        "requestId":"1dac194a-
6e1f-4772-a97d-af300ad5086c"
}
```


vRA 7.x


```
Request Body :
"environmentRequestDTO"
{
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"vRA_import_env",
  "infrastructure": {
    "properties": {
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      "dataCenterVmid":
"ee6ce426-ca13-4e56-ad9e-
c34a4d3d90c2",
      "regionName":
"default",
      "zoneName": "default",
      "vCenterName": "",
      "vCenterHost": "",
      "vcUsername": "",
      "vcPassword": "",
      "acceptEULA": "false",
      "enableTelemetry":
"true",
      "adminEmail":
"rvishnuvardh@vmware.com",
      "defaultPassword":
"locker:password:81fb3628-
32ee9c5bb:VMware1!",
      "certificate": "",
      "cluster": "",
      "storage": "",
      "folderName": "",
      "resourcePool": "",
      "diskMode": "",
      "network": "",
      "masterVidmEnabled":
"false",
      "dns": "",
      "domain": "",
      "gateway": "",
      "netmask": "",
      "searchpath": "",
      "timeSyncMode": "host",
      "ntp": "",
      "isDhcp": "false"
    }
  },
  "products": [
    {
      "id": "vra",
      "version": "8.1.0",
      "properties": {
        "windowsPassword":
"locker:password:81fb3628-
bdae9c5bb:VMware1!",
        "vraImportVersion":
"7.6.0",

"cafeHostNamePrimary": "lcm-
57.sqa.local",

"cafeRootPasswordPrimary":
"locker:password:81fb3628-
bdad-41d9-bb:VMware1!",
        "windowsUserName":
"DOMAIN\\USERNAME",
```

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|---|---|---|---|
| | | "tenantName": "vsphere.local",<br>"tenantUserName": "configadmin",<br>"tenantUserPassword": "locker:password:81fb36-c6032ee9c5bb:VMware1!",<br>"vraAdminPassword": "locker:password:81fb3628-91-c6032ee9c5bb:VMware1!",<br>"vCenterList": "",<br>"isImport": "true"<br>},<br>"clusterVIP": {<br>"clusterVips": []<br>},<br>"nodes": []<br>}<br>]<br>}<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>}<br>vRA 8.x<br>Request Body : "environmentRequestDTO"<br>{<br>"environmentName": "vra_import_env",<br>"infrastructure": {<br>"properties": {<br>"dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",<br>"regionName": "default",<br>"zoneName": "default",<br>"vCenterName": "",<br>"vCenterHost": "",<br>"vcUsername": "",<br>"vcPassword": "",<br>"acceptEULA": "false",<br>"enableTelemetry": "true",<br>"adminEmail": "rvishnuvardh@vmware.com",<br>"defaultPassword": "locker:password:81fb36032ee9c5bb:VMware1!",<br>"certificate": "",<br>"cluster": "", | |

| | | | |
|---|---|---|---|
| | | "storage": "",<br>"folderName": "",<br>"resourcePool": "",<br>"diskMode": "",<br>"network": "",<br>"masterVidmEnabled": "false",<br>"dns": "",<br>"domain": "",<br>"gateway": "",<br>"netmask": "",<br>"searchpath": "",<br>"timeSyncMode": "host",<br>"ntp": "",<br>"isDhcp": "false"<br>}<br>},<br>"products": [<br>{<br>"id": "vra",<br>"version": "8.1.0",<br>"properties": {<br>"vraImportVersion": "8.0.0",<br>"cafeHostNamePrimary": "lcm-57.sqa.local",<br>"cafeRootPasswordPrimary": "locker:password:81fb36-c6032ee9c5bb:VMware1!",<br>"tenantName": "vsphere.local",<br>"vCenterList": "[{\"vCenterHost\":\"lcm-vc1.sqa.local\",\"vcUsername\":\"autouser@vsphere.local\",\"vcPassword\":\"locker:password:49ff4234-e77c-48d2-8027-bba0514fe511:LCM-VC-Password\"}]",<br>"isImport": "true"<br>},<br>"clusterVIP": {<br>"clusterVips": []<br>},<br>"nodes": []<br>}<br>]<br>}<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c" | |

| | | | |
|---|---|---|---|
| | | }<br>The picture can'...vIDM<br>Request Body :<br>"environmentRequestDTO"<br>{<br>  "environmentName": "globalenvironment",<br>  "infrastructure": {<br>  "properties": {<br>  "dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",<br>  "regionName": "default",<br>  "zoneName": "default",<br>  "vCenterName": "LCM-VC2",<br>  "vCenterHost": "lcm-vc2.sqa.local",<br>  "vcUsername": "autouser@vsphere.local",<br>  "vcPassword": "locker:password:609cb1528:DC1-LCM-VC2-Import-vCenter",<br>  "acceptEULA": "true",<br>  "enableTelemetry": "true",<br>  "adminEmail": "rvishnuvardh@vmware.com",<br>  "defaultPassword": "locker:password:d224e64f-e43810:VMware1!",<br>  "certificate": "locker:certificate:0ee3fce5-de0b-448a-80e9-9acf78b1d2c6:vm",<br>  "cluster": "Datacenter#Cluster-01",<br>  "storage": "ISCSI-15TB-04",<br>  "folderName": "",<br>  "resourcePool": "",<br>  "diskMode": "thin",<br>  "network": "infra-traffic-1024",<br>  "masterVidmEnabled": "false",<br>  "dns": "10.141.66.213,10.118.183.252",<br>  "domain": "sqa.local",<br>  "gateway": "10.196.57.253",<br>  "netmask": "255.255.254.0", | |

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      "searchpath":
"sqa.local",
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      "ntp": "",
      "isDhcp": "false"
    }
  },
  "products": [
    {
      "id": "vidm",
      "version": "3.3.2",
      "properties": {
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57.sqa.local",

"vidmSystemAdminPassword":
"locker:password:d224e64f-
d62c10:VMware1!",
        "vidmAdminPassword":
"locker:password:d224e6462c10
:VMware1!",
        "vidmSshPassword":
"locker:password:d224e64f-
e438-462c10:VMware1!",
        "vidmRootPassword":
"locker:password:d224e64fbd62
c10:VMware1!",
        "isImport": "true",

"defaultConfigurationUsername
": "configadmin",

"defaultConfigurationPassword
": "locker:password:d224e61-
d9dc10:VMware1!",
        "syncGroupMembers":
false,
        "vCenterList": ""
      },
      "clusterVIP": {
        "clusterVips": []
      },
      "nodes": []
    }
  ]
}

Response code : 200 OK
Response Body :
{
        "requestId":"1dac194a-
6e1f-4772-a97d-af300ad5086c"
}
```


vRNI

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| | | Request Body :<br>"environmentRequestDTO"<br>{<br>  "environmentName": "vrni_import_env",<br>  "environmentHealth": null,<br>  "logHistory": null,<br>  "infrastructure": {<br>  "properties": {<br>  "dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",<br>  "regionName": "default",<br>  "zoneName": "default",<br>  "vCenterName": "",<br>  "vCenterHost": "",<br>  "vcUsername": "",<br>  "vcPassword": "",<br>  "acceptEULA": "false",<br>  "enableTelemetry": "true",<br>  "adminEmail": "abc@vmware.com",<br>  "defaultPassword": "locker:password:81fb3628-bdee9c5bb:VMware1!",<br>  "certificate": "",<br>  "cluster": "",<br>  "storage": "",<br>  "folderName": "",<br>  "resourcePool": "",<br>  "diskMode": "",<br>  "network": "",<br>  "masterVidmEnabled": "false",<br>  "dns": "",<br>  "domain": "",<br>  "gateway": "",<br>  "netmask": "",<br>  "searchpath": "",<br>  "timeSyncMode": "host",<br>  "ntp": "",<br>  "isDhcp": "false"<br>  }<br>  },<br>  "products": [<br>  {<br>  "id": "vrni",<br>  "version": "5.1.0",<br>  "properties": {<br>  "platformIP": "10.196.57.68",<br><br>"vrniPlatformUserName": "configadmin", | |

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| | | "vrniPlatformPassword": "",<br>"supportPassword": "",<br>"consolePassword": "",<br>"vCenterList": "",<br>"isImport": "true"<br>},<br>"clusterVIP": {<br>"clusterVips": []<br>},<br>"nodes": []<br>}<br>]<br>}<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>} | |

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| Update Environment Name | PATCH | /lcm/lcops/api/v2/environments<br><br>Request body : "updateEnvironmentDTO"<br><br>{<br>"environmentId": "9c88ba3d-23c9-4b6c-8c45-f4338fb0a073",<br>"environmentName": "vROPSImportEnvironment"<br>}<br><br>Response code : 200 OK<br><br>Response body :<br><br>{<br>"vmid": "7d8a112c-f50b-4d32-9dd7-8e976195901d",<br>"transactionId": null,<br>"environmentName": "vROPSImportEnvironment",<br>"environmentId": "9c88ba3d-23c9-4b6c-8c45-f4338fb0a073",<br>"state": null,<br>"status": "COMPLETED",<br>"environmentData": "{\"environmentId\":\"9c88ba3d-23c9-4b6c-8c45-f4338fb0a073\",\"environmentName\":\"vROPSImportEnvironment\",\"environmentHealth\":\"{\\n  \\\"environmentId\\\" : \\\"9c88ba3d-23c9-4b6c-8c45-f4338fb0a073\\\",\\n  \\\"sddcOverviewDashboardUri\\\" : null,\\n  \\\"productHealthList\\\" : [ ],\\n  \\\"healthCheckErrorCode\\\" : \\\"1\\\",\\n  \\\"healthCheckErrorMsg\\\" : \\\"Install SDDC Management Health Solution in vRealize Operations to monitor health\\\"\\n}\",\"logHistory\":null,\"environmentStatus\" | |

:null,\"infrastructure\":{\"properties\":{\"dataCenterVmid\":\"768be52e-09b8-4ec9-a8b2-4510c236fdd3\",\"regionName\":\"\",\"zoneName\":\"\",\"vCenterName\":\"\",\"vCenterHost\":\"\",\"vcUsername\":\"\",\"vcPassword\":\"\",\"acceptEULA\":\"false\",\"enableTelemetry\":\"true\",\"defaultPassword\":\"locker:password:c3b1c44d-4974-415a-a695-d63476e90ede:VMware1!\",\"certificate\":\"\",\"cluster\":\"\",\"storage\":\"\",\"folderName\":\"\",\"resourcePool\":\"\",\"diskMode\":\"\",\"network\":\"\",\"masterVidmEnabled\":\"false\",\"dns\":\"\",\"domain\":\"\",\"gateway\":\"\",\"netmask\":\"\",\"searchpath\":\"\",\"timeSyncMode\":\"host\",\"ntp\":\"\",\"isDhcp\":\"false\",\"_selectedProducts\":\"[{\\\"id\\\":\\\"vrops\\\",\\\"type\\\":\\\"import\\\",\\\"selected\\\":true,\\\"sizes\\\":{\\\"8.1.1\\\":[\\\"Extra small:1\\\",\\\"small:2\\\",\\\"Medium:8\\\",\\\"Large:16\\\",\\\"Extra Large:6\\\"],\\\"8.2.0\\\":[\\\"Extra small:1\\\",\\\"small:2\\\",\\\"Medium:8\\\",\\\"Large:16\\\",\\\"Extra Large:6\\\"],\\\"8.0.1\\\":[\\\"Extra small:1\\\",\\\"small:2\\\",\\\"Medium:8\\\",\\\"Large:16\\\",\\\"Extra Large:6\\\"],\\\"8.1.0\\\":[\\\"Extra small:1\\\",\\\"small:2\\\",\\\"Medium:8\\\",\\\"Large:16\\\",\\\"Extra Large:6\\\"]},\\\"selectedVersion\\\":\\\"8.2.0\\\",\\\"selectedDeploymentType\\\":\\\"Extra small:1\\\",\\\"description\\\":\\\"VMware vRealize Operations Manager delivers intelligent operations management with application-

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| | | to-storage visibility across physical, virtual, and cloud infrastructures. Using policy-based automation, operationsteams automate key processes.\\\",\\\"detailsHref\\\":\\\"https://docs.vmware.com/en/vRealize-Operations-Manager/index.html\\\",\\\"errorMessage\\\":null,\\\"productVersions\\\":[{\\\"version\\\":\\\"8.0.1\\\",\\\"deploymentType\\\":[\\\"Extra small:1\\\",\\\"small:2\\\",\\\"Medium:8\\\",\\\"Large:16\\\",\\\"Extra Large:6\\\"],\\\"productDeploymentMetaData\\\":{\\\"sizingURL\\\":\\\"https://kb.vmware.com/s/article/2093783\\\",\\\"productInfo\\\":\\\"vRealize Operations Manager - 8.0.1\\\",\\\"deploymentType\\\":null,\\\"deploymentItems\\\":null,\\\"additionalInfo\\\":null}},{\\\"version\\\":\\\"8.1.1\\\",\\\"deploymentType\\\":[\\\"Extra small:1\\\",\\\"small:2\\\",\\\"Medium:8\\\",\\\"Large:16\\\",\\\"Extra Large:6\\\"],\\\"productDeploymentMetaData\\\":{\\\"sizingURL\\\":\\\"https://kb.vmware.com/s/article/2093783\\\",\\\"productInfo\\\":\\\"vRealize Operations Manager - 8.1.1\\\",\\\"deploymentType\\\":null,\\\"deploymentItems\\\":null,\\\"additionalInfo\\\":null}},{\\\"version\\\":\\\"8.1.0\\\",\\\"deploymentType\\\":[\\\"Extra small:1\\\",\\\"small:2\\\",\\\"Medium:8\\\",\\\"Large:16\\\",\\\"Extra Large:6\\\"],\\\"productDeploymentMetaData\\\":{\\\"sizingURL\\\":\\\"https://kb.vmware.com/s/article/2093783\\\",\\\"productInfo\\\":\\\"vRealize Operations Manager - 8.1.0\\\",\\\"deploymentType\\\":null,\\\"deploymentItems\\\":null,\\\"additionalInfo\\\":null}},{\\\"version\\\":\\ | |

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| | | \"8.2.0\\\",\\\"deploymentType\\\":[\\\"Extra small:1\\\",\\\"small:2\\\",\\\"Medium:8\\\",\\\"Large:16\\\",\\\"Extra Large:6\\\"],\\\"productDeploymentMetaData\\\":{\\\"sizingURL\\\":\\\"https://kb.vmware.com/s/article/2093783\\\",\\\"productInfo\\\":\\\"vRealize Operations Manager - 8.2.0\\\",\\\"deploymentType\\\":null,\\\"deploymentItems\\\":null,\\\"additionalInfo\\\":null}}],\\\"nodeCount\\\":1,\\\"haEnabled\\\":false}]\",\"_isRedeploy\":\"false\",\"_isResume\":\"false\",\"_leverageProximity\":\"false\",\"__isInstallerRequest\":\"false\"}},\"products\":[{\"id\":\"vrops\",\"version\":\"8.2.0\",\"patchHistory\":null,\"snapshotHistory\":null,\"logHistory\":null,\"clusterVIP\":{\"clusterVips\":[]},\"nodes\":[{\"type\":\"master\",\"properties\":{\"hostName\":\"lcm-34-241.sqa.local\",\"cluster\":\"LCM-Cluster-01\",\"esxHost\":\"w3-hs1-050218.eng.vmware.com\",\"memory\":\"6\",\"diskMode\":\"thin\",\"vCenterHost\":\"lcm-vc.sqa.local\",\"storage\":\"FC-5TB-new\",\"network\":\"infra-traffic-1006\",\"capacity\":\"60.2\",\"affinityRules\":null,\"vcPassword\":\"locker:password:f78e6d56-29ed-4e8d-b9fc-f7be8056ba08:VMware@505\",\"cpuCount\":\"2\",\"rootPassword\":\"locker:password:c3b1c44d-4974-415a-a695-d63476e90ede:VMware1!\",\"resourcePool\":\"resgroup-59134 (KiranBolaj)\",\"vmName\":\"kbolaj-vidm-primary2412-332\",\"esxHostBuild\":\"15169789\",\"ip\":\"10.198.34.241\",\"dns\":\"10.141.66.213,10.118.183.252\",\"ESXI Version\":\"6.0.0\",\"domain\":\"sqa.local\",\"vcUsername\ | |

":\"devuser@vsphere.local\",\"folderName\":null,\"gateway\":\"10.198.35.253\",\"searchpath\":\"sqa.local\",\"deployOption\":\"small\",\"netmask\":\"255.255.254.0\",\"__vMoid\":\"vm-73323\",\"__verified\":\"true\"}},{\"type\":\"data\",\"properties\":{\"hostName\":\"lcm-34-242.sqa.local\",\"cluster\":\"LCM-Cluster-01\",\"esxHost\":\"w3-hs1-050123.eng.vmware.com\",\"memory\":\"16\",\"diskMode\":\"thin\",\"vCenterHost\":\"lcm-vc.sqa.local\",\"storage\":\"FC-5TB-new\",\"network\":\"infra-traffic-1006\",\"capacity\":\"274.0\",\"affinityRules\":null,\"vcPassword\":\"locker:password:f78e6d56-29ed-4e8d-b9fc-f7be8056ba08:VMware@505\",\"cpuCount\":\"4\",\"rootPassword\":\"locker:password:c3b1c44d-4974-415a-a695-d63476e90ede:VMware1!\",\"resourcePool\":\"resgroup-59134(KiranBolaj)\",\"vmName\":\"kbolajData242\",\"esxHostBuild\":\"15169789\",\"ip\":\"10.198.34.242\",\"dns\":\"10.141.66.213,10.118.183.252\",\"ESXIVersion\":\"6.0.0\",\"domain\":\"sqa.local\",\"vcUsername\":\"devuser@vsphere.local\",\"folderName\":null,\"gateway\":\"10.198.35.253\",\"searchpath\":\"sqa.local\",\"deployOption\":null,\"netmask\":null,\"__vMoid\":\"vm-78152\"}}],\"properties\":{\"masterVidmHostname\":null,\"vropsAdminPassword\":\"locker:password:c3b1c44d-4974-415a-a695-d63476e90ede:VMware1!\",\"certificateChain\":\"-----BEGIN CERTIFICATE-----\\nMIID2zCCAsOgAwIBAgIGAXLG7BqTMA0GCSqGSIb3DQEBCwUAMFMxMzAxBgNVBAMM\\nKnZSZWFsaXplIFN1a

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| | | XRlIExpZmVjeWNsZSBNYW5hZ2VyIE<br>xvY2tlciBDQTEPMA0G\\nA1UECgwG<br>Vk13YXJlMQswCQYDVQQGEwJJTjAeF<br>w0yMDA2MTgxMDE0MjFaFw0yMjA2\\<br>nMTgxMDE0MjFaMGwxFTATBgNVBAMM<br>DGNlcnRpZmljYXRlMTENMAsGA1UEC<br>wwEQ01C\\nVTEPMA0GA1UECgwGdm1<br>3YXJlMRIwEAYDVQQHDAlCYW5nYWxv<br>cmUxEjAQBgNVBAgM\\nCUthcm5hdG<br>FrYTELMAkGA1UEBhMCSU4wggEiMA0<br>GCSqGSIb3DQEBAQUAA4IBDwAw\\ng<br>gEKAoIBAQCZVfRxzv8hkYZCD+L0QD<br>n/GHdi6jd4x4yjfm0D+sKFYHHxmFN<br>ZHzbK\\nHLPlKfz1sWQsdiq0a/rpf<br>XlAN9rXijp+g9LScK41I9qyzISHIx<br>Ad0bIh6tK6VjiV\\nDjqL6CqijK5O<br>15hGYR3+DFInFjKPwyUSPlh8SVcTM<br>4O6et4lU+DNp5jsodjJxtIb\\nX3O<br>NpZvlYUz472eqwTggiUqf/Wx25ruw<br>upiqTXzkai4rUQ2lWI1h4Zx1oF4Ey<br>CLm\\nPY3NlF9YEdlowmBREmjocwW<br>BA4D+oz91rSzYjUL6crtNz6pXXoUd<br>jKjfKsoWavGu\\n6gZF3I4P6sCSVJ<br>CAa+jvEgyHugL9APjjAgMBAAGjgZs<br>wgZgwHQYDVR0OBBYEFM+m\\nS6avF<br>OaIakM6q3BAbmySelvtMB8GA1UdIw<br>QYMBaAFLz4m09pNCMIp5IohqvsDoI<br>+\\noIkWMBYGA1UdEQQPMA2CCyouc<br>3FhLmxvY2FsMA4GA1UdDwEB/wQEAw<br>IFoDAgBgNV\\nHSUBAf8EFjAUBggr<br>BgEFBQcDAgYIKwYBBQUHAwEwDAYDV<br>R0TAQH/BAIwADANBgkq\\nhkiG9w0<br>BAQsFAAOCAQEAKUWGEnqq3xtXtEq0<br>WuZ4vlQA3XKPLHtb89z6uUh1bq0+\<br>\nL/aKzeL5LIaR77kVq8oiVxlkaMm<br>NvHtiW+NxoNpkEbs1iR0eW3URhdve<br>0ZZDY/pd\\n4ouuF0pYyUAb2nQLuK<br>/bsV8V99r1MecERoCnZBYW+hLWGzK<br>Gl95fEFE6UeuWLlTb\\nCHXQYWjVg<br>yE7hnla3la/1d8Ka2f14lW37pi7d5<br>Yqqu4V2+Im8GdsjTLWCGPPc7v+\\n<br>qQqMqzXhE8hF+xJ8Dd7s0v2DuF5K7<br>WdkG6gF7t1BiYykX1St1g3Zt6VW2V<br>FzpreS\\njd1K48+fFmf5NTQYe3Wo<br>C+Meu4e0KzdrzNJG/8YT0A==\\n--<br>---END CERTIFICATE-----\\n---<br>--BEGIN CERTIFICATE-----<br>\\nMIIDiTCCAnGgAwIBAgIGAXLG2C<br>r8MA0GCSqGSIb3DQEBCwUAMFMxMzA<br>xBgNVBAMM\\nKnZSZWFsaXplIFN1a<br>XRlIExpZmVjeWNsZSBNYW5hZ2VyIE<br>xvY2tlciBDQTEPMA0G\\nA1UECgwG<br>Vk13YXJlMQswCQYDVQQGEwJJTjAeF<br>w0yMDA2MTgwOTUyMzVaFw0zMDA2\\<br>nMTYwOTUyMzVaMFMxMzAxBgNVBAMM<br>KnZSZWFsaXplIFN1aXRlIExpZmVje | |

WNsZSBN\\nYW5hZ2VyIExvY2tlciB
DQTEPMA0GA1UECgwGVk13YXJlMQsw
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ZIhvcNAQEBBQADggEPADCCAQoCggE
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UPkShX53OPEEvU5ey/oBtJfVcvWWS
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pM8oLJo5MxbYRVHjdp4LAINpIwcrZ
kZvmKBM2dWBjOB\\nRHDPbINkcDk5
40fVxxeGjr7CZvOrkV8WYYKKG/F3q
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4tI\\nk7+IsOAVMXRSr/5YvWWyF2A
ZHxAs0PYowPdvjjHPU+HHfR72pVIV
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Kui2LQPuDjUwnzQBF0mGNl2Fufimw
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WTyeEYn357Krp1UTweomvQU55xu4T
bYoYVuAfzwy/6IEq0\\nP9bsqrn1F
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-END CERTIFICATE-----
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loyOption\":\"small\",\"licen
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S-vrops-H109R-XXXX-
2EUMY\\\",\\\"key\\\":\\\"H10
9R-40391-M828D-0PARH-
2EUMY\\\",\\\"description\\\"
:\\\"VMware vRealize Suite

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| | | 2018 Enterprise\\\",\\\"quantity\\\":10,\\\"unit\\\":\\\"plu\\\",\\\"type\\\":\\\"vRealizeSuite\\\",\\\"account\\\":null,\\\"expiry\\\":0,\\\"status\\\":\\\"ACTIVE\\\",\\\"onPremAllocation\\\":null,\\\"startDate\\\":null,\\\"endDate\\\":null,\\\"casId\\\":null,\\\"lintId\\\":null,\\\"falconId\\\":null,\\\"productVersionMap\\\":{\\\"vrni\\\":[],\\\"vrops\\\":[\\\"8.1.1\\\",\\\"8.2.0\\\",\\\"8.0.0\\\",\\\"8.0.1\\\",\\\"8.1.0\\\",\\\"7.5.0\\\"],\\\"vra\\\":[\\\"8.2.0\\\",\\\"8.0.0\\\",\\\"8.0.1\\\",\\\"8.1.0\\\",\\\"7.5.0\\\",\\\"7.6.0\\\"],\\\"vrbc\\\":[\\\"7.5.0\\\",\\\"7.6.0\\\"],\\\"vrli\\\":[\\\"4.8.0\\\",\\\"8.1.1\\\",\\\"8.2.0\\\",\\\"8.0.0\\\",\\\"8.1.0\\\"]},\\\"expired\\\":false}\",\"licenseVmid\":\"3b2da3c2-551b-4c5d-b2eb-46dd4b16e525\"}}]}",<br>  "dataCenterVmid": "768be52e-09b8-4ec9-a8b2-4510c236fdd3",<br>  "dataCenterName": null<br>} | |

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| Get Environment by ID or Name | GET | /lcm/lcops/api/v2/environments/{environmentId}<br>Request parameter :<br>environmentId :<br>globalenvironment<br><br>Response code : 200 OK<br>Response body :<br>{<br>"vmid": "4676438b-3256-47b2-b7a9-e14e83735a3f",<br>"transactionId": null,<br>"environmentName": "globalenvironment",<br>"environmentId": "globalenvironment",<br>"state": null,<br>"status": "COMPLETED",<br>"environmentData": "{\"environmentId\":\"globalenvironment\",\"environmentName\":\"globalenvironment\",\"environmentHealth\":null,\"logHistory\":null,\"environmentStatus\":null,\"infrastructure\":{\"properties\":{\"regionName\":\"default\",\"dataCenterVmid\":\"ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2\",\"zoneName\":\"default\",\"defaultPassword\":\"locker:password:314c2f02-27a7-4d94-b178-e0dda61e4c88:VMware-Default-Password\"}},\"products\":[{\"id\":\"vidm\",\"version\":\"3.3.2\",\"patchHistory\":null,\"snapshotHistory\":null,\"logHistory\":null,\"clusterVIP\":null,\"nodes\":[{\"type\":\"vidm-primary\",\"properties\":{\"hostName\":\"lcm2-187-31.sqa.local\",\"cluster\":\"ESO_VC07_Cluster_07\",\"esxHost\":\"w1-hs1-g0312.eng.vmware.com\",\"memory\":\"6\",\"diskMode\":\"thin\",\"vCenterHost\":\"eso-vc07.eng.vmware.com\",\"storage\":\"ESO_VC07_Cluster_07_vsanDatastore01\",\"network\":\"WDC_HAAS_VM_VLAN1100\",\"cap | |

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| | | acity\":\"60.2\",\"vidmRootPassword\":\"locker:password:314c2f02-27a7-4d94-b178-e0dda61e4c88:VMware-Default-Password\",\"vidmSystemAdminPassword\":\"locker:password:314c2f02-27a7-4d94-b178-e0dda61e4c88:VMware-Default-Password\",\"enableTelemetry\":\"true\",\"affinityRules\":null,\"vcPassword\":\"locker:password:fdc0bc98-3cef-4f76-9f75-06f4ba06b6ea:ESO-VC-Password\",\"cpuCount\":\"2\",\"resourcePool\":null,\"vmName\":\"dgnaneswaran_SS_VIDM_331\",\"esxHostBuild\":\"7967591\",\"vidmSshPassword\":\"locker:password:314c2f02-27a7-4d94-b178-e0dda61e4c88:VMware-Default-Password\",\"ip\":\"10.196.187.31\",\"dns\":\"10.141.66.213,10.118.183.252\",\"ESXI Version\":\"6.5.0\",\"domain\":\"sqa.local\",\"vcUsername\":\"sampaths.admin@sqa.local\",\"folderName\":null,\"gateway\":\"10.196.187.253\",\"searchpath\":\"sqa.local\",\"__sshVerified\":\"true\",\"__verified\":\"true\",\"netmask\":\"255.255.255.0\",\"__vMoid\":\"vm-27422\"}},{\"type\":\"vidm-connector\",\"properties\":{\"hostName\":\"lcm2-187-31.sqa.local\",\"cluster\":\"ESO_VC07_Cluster_07\",\"esxHost\":\"w1-hs1-g0312.eng.vmware.com\",\"memory\":\"6\",\"diskMode\":\"thin\",\"vCenterHost\":\"eso-vc07.eng.vmware.com\",\"masterTenantId\":\"LCM2-187-31\",\"storage\":\"ESO_VC07_Cluster_07_vsanDatastore01\",\"windowsDeployement\":\"false\",\"network\":\"WDC_HAAS_VM_VLAN1100\",\"capacity\":\"60.2\",\"instanceId\":\"0af62f9f-960c-426f-b26a-69de0f314d81\",\"affinityRules\":null,\"vcPassword\":\"locker:password:fdc0bc98-3cef-4f76-9f75-06f4ba06b6ea:ESO- | |

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| | | VC-<br>Password\",\"cpuCount\":\"2\"<br>,\"resourcePool\":null,\"canB<br>eDeleted\":\"true\",\"vmName\<br>":\"dgnaneswaran_SS_VIDM_331\<br>",\"esxHostBuild\":\"7967591\<br>",\"ip\":\"10.196.187.31\",\"<br>dns\":\"10.141.66.213,10.118.<br>183.252\",\"ESXI<br>Version\":\"6.5.0\",\"version<br>\":\"3.3.2\",\"domainJoined\"<br>:\"null\",\"port\":\"8443\",\<br>"domain\":\"sqa.local\",\"vcU<br>sername\":\"sampaths.admin@sq<br>a.local\",\"folderName\":null<br>,\"gateway\":\"10.196.187.253<br>\",\"searchpath\":\"sqa.local<br>\",\"netmask\":\"255.255.255.<br>0\",\"__vMoid\":\"vm-<br>27422\"}}],\"properties\":{\"<br>__isInstallerRequest\":\"fals<br>e\",\"__enableTenancy\":\"fal<br>se\",\"defaultConfigurationUs<br>ername\":\"configadmin\",\"is<br>Clustered\":\"false\",\"certi<br>ficateChain\":\"-----BEGIN<br>CERTIFICATE-----<br>\\nMIID2DCCAsCgAwIBAgIGAXHpeV<br>wiMA0GCSqGSIb3DQEBCwUAMFMxMzA<br>xBgNVBAMM\\nKnZSZWFsaXplIFN1a<br>XRlIExpZmVjeWNsZSBNYW5hZ2VyIE<br>xvY2tlciBDQTEPMA0G\\nA1UECgwG<br>Vk13YXJlMQswCQYDVQQGEwJJTjAeF<br>w0yMDA1MDYxMDEyNTZaFw0yMjA1\\<br>nMDYxMDEyNTZaMGkxEjAQBgNVBAMM<br>CXNxYS5sb2NhbDENMAsGA1UECwwEQ<br>01CVTEP\\nMA0GA1UECgwGVk13YXJ<br>lMRIwEAYDVQQHDAlCYW5nYWxvcmUx<br>EjAQBgNVBAgMCUth\\ncm5hdGFrYT<br>ELMAkGA1UEBhMCSU4wggEiMA0GCSq<br>GSIb3DQEBAQUAA4IBDwAwggEK\\nA<br>oIBAQC/4TVWqfOTGZsigEbPaApMLn<br>ns2RDzFgBr26/BB+lq0P0SeiRdTlo<br>rR3nf\\nJ/RgZUUpxg+mFrgwWnbsf<br>iXr7OklwCHbSyrZpwIlCMJ/lK+I97<br>rkkWKL66fTrojz\\nfKurQtWbimiE<br>oAsLx0oWMFRl4n52N5G7P1InS57BN<br>ectzheuU+31e9xq6+Sgc6aB\\n4ts<br>V8PrimX+yoaVrclJfqa9P2UdWhRwt<br>fDMZ6LDf7ZOMtI1Af2Ho7KKNOG1tn<br>oyh\\nII90P1KPoBLH3pZujrR/3uM<br>uxzNidED8nIy659A2jGyYkS03JN6m<br>BjcYrYFBhe6P\\nKiTH288PUqK5IJ<br>JPg9ZlzZKreJHxAgMBAAGjgZswgZg<br>wHQYDVR0OBBYEFO1eLmfZ\\nT+R8N<br>daUzMNM8gdyh/RPMB8GA1UdIwQYMB | |

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| | | aAFA78sVbblKCPVHbEadopppTTWcm<br>V\\nMBYGA1UdEQQPMA2CCyouc3FhL<br>mxvY2FsMA4GA1UdDwEB/wQEAwIFoD<br>AgBgNVHSUB\\nAf8EFjAUBggrBgEF<br>BQcDAgYIKwYBBQUHAwEwDAYDVR0TA<br>QH/BAIwADANBgkqhkiG\\n9w0BAQs<br>FAAOCAQEAdJhVYXaop1TiHtH246pD<br>NA7sfcJWJr5SoA5zLEsy+lU9CaN1\<br>\nLdw/PtqbUM0E7lxj1MQpMEpD4iL<br>2uimAi9rtTxjj7KxS6IW/mKNlJoqN<br>GRXpk32P\\n9/Nc3ZOHOYGABonRlJ<br>hoLGWNmXLlrh8AVtVG2Hxp4M58ulE<br>ijHbEEQop4TmkoMJj\\nsBeJmjvF+<br>tZDp81LuoGbPak2goQLdUIAdS8+ja<br>4dLDQLBIOnNMvVa9TSTctEHQDf\\n<br>TvTiJdQijlPTtJBhUwwAOR+aGQFiF<br>JUtzyYqCFW5ra3dHnVYuEnhppdbpz<br>VkPoNQ\\nhb95oiGDM4ql5uEd9Dh1<br>qm76T8pgYmeUzYpaZA==\\n-----<br>END CERTIFICATE-----\\n-----<br>BEGIN CERTIFICATE-----<br>\\nMIIDiTCCAnGgAwIBAgIGAXHpTr<br>mMMA0GCSqGSIb3DQEBCwUAMFMxMzA<br>xBgNVBAMM\\nKnZSZWFsaXplIFN1a<br>XRlIExpZmVjeWNsZSBNYW5hZ2VyIE<br>xvY2tlciBDQTEPMA0G\\nA1UECgwG<br>Vk13YXJlMQswCQYDVQQGEwJJTjAeF<br>w0yMDA1MDYwOTI2MjJaFw0yMjA1\\<br>nMDYwOTI2MjJaMFMxMzAxBgNVBAMM<br>KnZSZWFsaXplIFN1aXRlIExpZmVje<br>WNsZSBN\\nYW5hZ2VyIExvY2tlciB<br>DQTEPMA0GA1UECgwGVk13YXJlMQsw<br>CQYDVQQGEwJJTjCC\\nASIwDQYJKo<br>ZIhvcNAQEBBQADggEPADCCAQoCggE<br>BAMBMjwSD+nPTkbgYZC2o95v7\\n2<br>dnTKv4HC2Zyv2vFYrbFBVr4BB/f3F<br>onEuaJ0bT/e/3H+KExMzWslL3dLZ1<br>EF2s8\\n87nX7WNAmvsHTyaJIi/Nq<br>ySUwmhr5/kMkRIHX73+nz5ksmpsK0<br>bQCFCvEqj7ripw\\n5CiePXJbBWvm<br>3uIm6C2/A83OHE3K8b2M+sDKCNUh+<br>jn2IJxRfyXPBbJB5dk99SFV\\nC47<br>ZgtFbhUZf6/LulSxJgQAC4wNwrKMt<br>MqctU26oOn0P647pmxnKzKtev7nNR<br>kMw\\nU7PUOC0MlgEh8xcw6/odFIv<br>Ypz2n/SU0JOljohc9SLgdI7Rt+1Ug<br>1OJK2VSD3pUC\\nAwEAAaNjMGEwHQ<br>YDVR0OBBYEFA78sVbblKCPVHbEado<br>pppTTWcmVMB8GA1UdIwQY\\nMBaAF<br>A78sVbblKCPVHbEadopppTTWcmVMA<br>8GA1UdEwEB/wQFMAMBAf8wDgYDVR0<br>P\\nAQH/BAQDAgGGMA0GCSqGSIb3D<br>QEBCwUAA4IBAQBlWaHg6XJOQmjWtA<br>GcrWLgg6lC\\nD+n1WagYm3RcWPt6<br>0C3Tvw2L7TLdZ6KCzFz4zO819odop<br>mnbMTbtRkhFcgJ4/0vW\\nYn0bqGx | |

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| | | O8H+8BhSyn96lqIlhYDwaaRzEt55R<br>l23FgKl8Iw2cJEryR0gbHgyvhWpY\<br>\n9cX5rLWBT2KFKVwn+6c3sLX6gmK<br>xP+Gi6iePopvguJdEufOTQjmZ4Nfx<br>LsW8S9p2\\n5hrLY5kU7DC74BE+JN<br>Y80O1dxtz/Qr4+16Xq/pbz/jvU6ti<br>1P6JohKTmTMnBtQBc\\nET4isPjqm<br>vC7+0G3h9HcnnXw01oI+asr9a+s/M<br>YuTjR1K8wXdMQLl3+0FObQ\\n----<br>-END CERTIFICATE-----<br>\\n\",\"__isTenantByPath\":\"<br>false\",\"vidmAdminPassword\"<br>:\"locker:password:314c2f02-<br>27a7-4d94-b178-<br>e0dda61e4c88:VMware-Default-<br>Password\",\"defaultConfigura<br>tionPassword\":\"locker:passw<br>ord:314c2f02-27a7-4d94-b178-<br>e0dda61e4c88:VMware-Default-<br>Password\",\"vidmDomainName\"<br>:\"sqa.local\",\"__isMigratio<br>nRequest\":\"false\",\"syncGr<br>oupMembers\":\"true\",\"admin<br>Email\":null,\"vidmOAuthServi<br>ceClientId\":\"Service__OAuth<br>2Client\",\"vidmOAuthServiceC<br>lientSecret\":\"wrxXl5RMGYnrh<br>yRk0EE9tiI5upiebQBn\",\"__isT<br>enancyEnabled\":\"false\",\"v<br>idmDBType\":\"postgresql\",\"<br>__vidmIsExternalDB\":\"false\<br>",\"__vidmHasExternalConnecto<br>rs\":\"false\",\"__vidmFormFa<br>ctor\":\"true\"}}]}",<br>  "dataCenterVmid":<br>"ee6ce426-ca13-4e56-ad9e-<br>c34a4d3d90c2",<br>  "dataCenterName": null<br>} | |

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| Add Product to Environment | POST | /lcm/lcops/api/v2/environments/{environmentId}/products<br>Deployments<br>vROPS<br>Request parameter : environmentId : "3893440f-2442-442d-81a2-f4cb9fa9d08f"<br>Request body : "environmentRequestDTO"<br>{<br>"environmentName": "vrops_large_deployments",<br>"infrastructure": {<br>"properties": {<br>"dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",<br>"regionName": "default",<br>"zoneName": "default",<br>"vCenterName": "LCM-VC2",<br>"vCenterHost": "lcm-vc2.sqa.local",<br>"vcUsername": "autouser@vsphere.local",<br>"vcPassword": "",<br>"acceptEULA": "true",<br>"enableTelemetry": "true",<br>"adminEmail": "abc@vmware.com",<br>"defaultPassword": "",<br>"certificate": "",<br>"cluster": "Datacenter#Cluster-01",<br>"storage": "ISCSI-15TB-04",<br>"folderName": "",<br>"resourcePool": "",<br>"diskMode": "thin",<br>"network": "infra-traffic-1024",<br>"masterVidmEnabled": "false",<br>"dns": "10.141.66.213,10.118.183.252",<br>"domain": "sqa.local",<br>"gateway": "10.196.57.253",<br>"netmask": "255.255.254.0", | Deployments<br>vROPS<br>**DiskMode :-**<br>Thin Deployments - "diskMode": "thin"<br>Thick Deployments - "diskMode": "thick"<br>**Integrate with vidm :-**<br>"masterVidmEnabled": "true"<br>"masterVidmEnabled": "false"<br>**TimeSync Mode :**<br>For ntp time sync mode :<br>"timeSyncMode": "ntp",<br>"ntp": "ntp1.eng.vmware.com"<br>For setting hostTime as time sync mode:<br>"timeSyncMode": "host"<br>**Deployment Type :**<br>Extra Small : "deployOption": "xsmall" |

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| | | "searchpath": "sqa.local",<br>"timeSyncMode": "ntp",<br>"ntp": "ntp1.eng.vmware.com",<br>"isDhcp": "false"<br>}<br>},<br>"products": [<br>{<br>"id": "vrops",<br>"version": "8.0.1",<br>"properties": {<br>"licenseRef": "locker:license:eab62-bc21-643cf0b9cafa:license",<br>"certificate": "locker:certificate:f4e98b983:vmware",<br>"productPassword": "locker:password:d21-d9de2c10:VMware1!",<br>"disableTls": "",<br>"timeSyncMode": "ntp",<br>"masterVidmEnabled": false,<br>"ntp": "ntp1.eng.vmware.com",<br>"affinityRule": false,<br>"configureAffinitySeparateAll": "true",<br>"deployOption": "large"<br>},<br>"clusterVIP": {<br>"clusterVips": []<br>},<br>"nodes": [<br>{<br>"type": "remotecollector",<br>"properties": {<br>"vmName": "vrops-remotecollector",<br>"hostName": "sqa.local",<br>"deployOption": "smallrc",<br>"ip": "4.4.4.4",<br>"gateway": "2.2.2.2",<br>"domain": "2.2.2.2", | Small : "deployOption": "small"<br><br>Large : "deployOption": "large"<br><br>Extra large : "deployOption": "xlarge"<br><br>**Locker Items:**<br><br>Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.<br><br>Locker reference will typically in the below format:<br><br>**Password**:<br><br>`locker:password:<vmid>:<alias>`<br><br>**Certificate**:<br><br>`locker:certificate:<vmid>:<alias>`<br><br>**License**:<br><br>`locker:license:<vmid>:<alias>` |

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| | | "searchpath": "2.2.2.2",<br>"dns": "10.141.66.213",<br>"netmask": "2.2.2.2",<br><br>"extendedStorage": "",<br>"timeZone": "",<br>"ntp": "",<br>"vCenterHost": "lcm-vc1.sqa.local",<br>"cluster": "Datacenter-01#Cluster-01",<br>"resourcePool": "",<br>"folderName": "",<br>"network": "dvs-55-Network-314b11d9-c958-4aa2-af98-cd5439a970d7",<br>"storage": "ISCSI-15TB-02",<br>"diskMode": "thin",<br><br>"contentLibraryItemId": "",<br>"vCenterName": "lcm-vc1",<br>"vcUsername": "devuser@vsphere.local",<br>"vcPassword": "locker:password:4984d8e4-825b-4694-99cf-db80b41b5ac2:vc-password"<br>}<br>},<br>{<br>"type": "master",<br>"properties": {<br>"vmName": "mastervmname",<br>"hostName": "lcm-57-68.sqa.local",<br>"ip": "10.196.57.68"<br>}<br>},<br>{<br>"type": "replica",<br>"properties": {<br>"vmName": "replicavmname",<br>"hostName": "lcm-57-69.sqa.local",<br>"ip": "10.196.57.69" | VMID which you will get as a response of the Locker creation API and alias would be the one which is provided in the request payload for the locker api.<br><br>vROPs replica node deployment is High Availability , we can do HA deployment during install flow or during scale out flow<br><br>Deploy Nodes in Different vCenter:<br><br>Add all the properties under node type as shown for remotecollector node.<br><br>vRLI<br><br>**DiskMode :-**<br><br>Thin Deployments - "diskMode": "thin"<br><br>Thick Deployments - "diskMode": "thick" |

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| | | }<br>},<br>{<br>"type": "data",<br>"properties": {<br>"vmName": "datavmname",<br>"hostName": "lcm-57-70.sqa.local",<br>"ip": "10.196.57.70"<br>}<br>}<br>]<br>}<br>]<br>}<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>}<br>vRLI<br>Request parameter : environmentId : "2a06cdd4-6f97-4aec-9643-fd68abde1397"<br>Request Body : "environmentRequestDTO"<br>{<br>"environmentName": "vrli_deployment",<br>"infrastructure": {<br>"properties": {<br>"dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",<br>"regionName": "default",<br>"zoneName": "default",<br>"vCenterName": "LCM-VC2",<br>"vCenterHost": "lcm-vc2.sqa.local",<br>"vcUsername": "autouser@vsphere.local",<br>"vcPassword": "locker:password:1a72-4d:kar-LCM-VC2-Import-vCenter",<br>"acceptEULA": "true",<br>"enableTelemetry": "true",<br>"adminEmail": "abc@vmware.com", | **Integrate with vidm :-**<br><br>"masterVidmEnabled" : "true"<br><br>"masterVidmEnabled" : "false"<br><br>**TimeSync Mode :**<br><br>For ntp time sync mode :<br><br>"timeSyncMode": "ntp",<br><br>"ntp": "ntp1.eng.vmware.com"<br><br>For setting hostTime as time sync mode:<br><br>"timeSyncMode": "host"<br><br>**Deployment Type :**<br><br>Standard or Cluster<br><br>**Locker Items:**<br><br>Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs. |

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| | | "defaultPassword": "locker:password:8f91-c6032ee9c5bb:VMware1!",<br>"certificate": "locker:certificate:49b2-98ba-c1d2bdf35b0a:vm",<br>"cluster": "Datacenter#Cluster-01",<br>"storage": "ISCSI-15TB-04",<br>"folderName": "",<br>"resourcePool": "",<br>"diskMode": "thin",<br>"network": "infra-traffic-1024",<br>"masterVidmEnabled": "false",<br>"dns": "10.141.66.213,10.118.183.252",<br>"domain": "sqa.local",<br>"gateway": "10.196.57.253",<br>"netmask": "255.255.254.0",<br>"searchpath": "sqa.local",<br>"timeSyncMode": "host",<br>"ntp": "",<br>"isDhcp": "false"<br>}<br>},<br>"products": [<br>{<br>"id": "vrli",<br>"version": "8.0.0",<br>"properties": {<br>"certificate": "locker:certificate:49b8f38fd2bdf35b0a:vm",<br>"productPassword": "locker:password:811-c6032ee9c5bb:VMware1!",<br>"licenseRef": "locker:license:93a380ce-081c-411ca58f8ddb:license",<br>"nodeSize": "small",<br>"configureClusterVIP": "false",<br>"affinityRule": false,<br>"isUpgradeVmCompatibility": true, | Locker reference will typically in the below format:<br><br>**Password**:<br><br>`locker:password:<vmid>:<alias>`<br><br>**Certificate**:<br><br>`locker:certificate:<vmid>:<alias>`<br><br>**License**:<br><br>`locker:license:<vmid>:<alias>`<br><br>VMID which you will get as a response of the Locker creation API and alias would be the one which is provided in the request payload for the locker api.<br><br>vRBC<br><br>**DiskMode :-**<br><br>Thin Deployments - "diskMode": "thin"<br><br>Thick Deployments - "diskMode": "thick"<br><br>**Integrate with vidm :-** |

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| | | "vrliAlwaysUseEnglish": false,<br>"masterVidmEnabled": true,<br><br>"configureAffinitySeparateAll": "true",<br>"ntp": "",<br>"timeSyncMode": "host"<br>},<br>"clusterVIP": {<br>"clusterVips": [<br>{<br>"type": "vrli-cluster-1",<br>"properties": {<br>"hostName": "fqdm1.sqa.local",<br>"ip": "3.3.3.3"<br>}<br>},<br>{<br>"type": "vrli-cluster-2",<br>"properties": {<br>"hostName": "fqdm2.sqa.local",<br>"ip": "4.4.4.4"<br>}<br>}<br>]<br>},<br>"nodes": [<br>{<br>"type": "vrli-worker",<br>"properties": {<br>"vmName": "vrli-worker-2",<br>"hostName": "lcm-57-68.sqa.local",<br>"ip": "10.196.57.68"<br>}<br>},<br>{<br>"type": "vrli-worker",<br>"properties": {<br>"vmName": "vrli-worker-1",<br>"hostName": "lcm-57-69.sqa.local", | "masterVidmEnabled": "true"<br><br>"masterVidmEnabled": "false"<br><br>**TimeSync Mode :**<br><br>For ntp time sync mode :<br><br>"timeSyncMode": "ntp",<br><br>"ntp": "ntp1.eng.vmware.com"<br><br>For setting hostTime as time sync mode:<br><br>"timeSyncMode": "host"<br><br>**Deployement Type :** Standard<br><br>**Locker Items:**<br><br>Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.<br><br>Locker reference will typically in the below format:<br><br>**Password**: |

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| | | "ip": "10.196.57.69"<br>}<br>},<br>{<br>"type": "vrli-master",<br>"properties": {<br>"vmName": "vrli-master-1",<br>"hostName": "lcm-57-70.sqa.local",<br>"ip": "10.196.57.70"<br>}<br>}<br>]<br>}<br>]<br>}<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>}<br>vRBC<br>Request parameter : environmentId : "adb18af9-046e-47fa-b968-4e2c26403e8e"<br>Request body : "environmentRequestDTO"<br>{<br>"environmentName": "vrbc_env",<br>"infrastructure": {<br>"properties": {<br>"dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",<br>"regionName": "default",<br>"zoneName": "default",<br>"vCenterName": "lcm-vc2",<br>"vCenterHost": "lcm-vc2.sqa.local",<br>"vcUsername": "devuser@vsphere.local",<br>"vcPassword": "locker:password:4984d8e4-825b-4694-99cf-db80b41b5ac2:vc-password",<br>"acceptEULA": "true", | locker:password:<vmid>:<alias><br><br>**Certificate**:<br><br>locker:certificate:<vmid>:<alias><br><br>**License**:<br><br>locker:license:<vmid>:<alias><br><br>VMID which you will get as a response of the Locker creation API and alias would be the one which is provided in the request payload for the locker api.<br><br>vRA 8.x<br><br>**DiskMode :-**<br><br>Thin Deployments - "diskMode": "thin"<br><br>Thick Deployments - "diskMode": "thick"<br><br>**Deployment Type : (Standard, Cluster)**<br><br>**Locker Items:** |

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| | | "enableTelemetry": "true",<br>"adminEmail": "rvishnuvardh@vmware.com",<br>"defaultPassword": "locker:password:4984d8e4-825b-4694-99cf-db80b41b5ac2:vc-password",<br>"certificate": "locker:certificate:971f4dfb-ec39-4f1d-b61a-2f9d42d9ec5e:Ranjitha",<br>"cluster": "Datacenter#Cluster-01",<br>"storage": "ISCSI-15TB-04",<br>"folderName": "",<br>"resourcePool": "",<br>"diskMode": "thin",<br>"network": "infra-traffic-1024",<br>"masterVidmEnabled": "false",<br>"dns": "10.141.66.213",<br>"domain": "2.2.2.2",<br>"gateway": "2.2.2.2",<br>"netmask": "2.2.2.2",<br>"searchpath": "2.2.2.2",<br>"timeSyncMode": "host",<br>"ntp": "",<br>"isDhcp": "false"<br>}<br>},<br>"products": [<br>{<br>"id": "vrbc",<br>"version": "7.6.0",<br>"properties": {<br>"certificate": "locker:certificate:971f4dfb-ec39-4f1d-b61a-2f9d42d9ec5e:Ranjitha",<br>"contentLibraryItemId": "",<br>"productPassword": "locker:password:4984d8e4-825b-4694-99cf-db80b41b5ac2:vc-password",<br>"licenseRef": "locker:license:82026bee-b2aa-42bc-a9c7-2000aabda280:prod-lic",<br>"currency": "AED - UAE Dirham", | Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.<br><br>Locker reference will typically in the below format:<br><br>**Password**:<br><br>`locker:password:<vmid>:<alias>`<br><br>**Certificate**:<br><br>`locker:certificate:<vmid>:<alias>`<br><br>**License**:<br><br>`locker:license:<vmid>:<alias>`<br><br>VMID which you will get as a response of the Locker creation API and alias would be the one which is provided in the request payload for the locker api.<br><br>vRNI<br><br>**DiskMode :-** |

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| | | "vrbAuthType": "standalone",<br>"timeSyncMode": "host",<br>"ntp": "",<br>"affinityRule": false,<br><br>"configureAffinitySeparateAll": "true"<br>},<br>"clusterVIP": {<br>"clusterVips": []<br>},<br>"nodes": [<br>{<br>"type": "vrb-server",<br>"properties": {<br>"vmName": "vrb-server",<br>"hostName": "sqa.local",<br>"ip": "5.5.5.5"<br>}<br>}<br>]<br>}<br>]<br>}<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"5fcv194a-6e1f-4772-a97d-af300ad5086c"<br>}<br>vRA 8.x<br>Request parameter : environmentId : "d1fb0d2f-d0d8-471d-b791-b37ec13abe9c"<br>Request Body : "environmentRequestDTO"<br>{<br>"environmentName": "vra_deployment",<br>"infrastructure": {<br>"properties": {<br>"dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",<br>"regionName": "default",<br>"zoneName": "default", | Thin Deployments - "diskMode": "thin"<br><br>Thick Deployments - "diskMode": "thick"<br><br>**Integrate with vidm :-**<br><br>"masterVidmEnabled": "true"<br><br>"masterVidmEnabled": "false"<br><br>**TimeSync Mode :**<br><br>For ntp time sync mode :<br><br>"timeSyncMode": "ntp",<br><br>"ntp": "ntp1.eng.vmware.com"<br><br>For setting hostTime as time sync mode: NA<br><br>**Deployment Type : Standard or Cluster**<br><br>**Locker Items:**<br><br>Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs. |

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| | | "vCenterName": "LCM-VC2",<br>"vCenterHost": "lcm-vc2.sqa.local",<br>"vcUsername": "autouser@vsphere.local",<br>"vcPassword": "locker:password:1a72829r-LCM-VC2-Import-vCenter",<br>"acceptEULA": "true",<br>"enableTelemetry": "true",<br>"adminEmail": "abc@vmware.com",<br>"defaultPassword": "locker:password:81fb2ee9c5bb:VMware1!",<br>"certificate": "locker:certificate:49b8ff35b0a:vm",<br>"cluster": "Datacenter#Cluster-01",<br>"storage": "ISCSI-15TB-04",<br>"folderName": "",<br>"resourcePool": "",<br>"diskMode": "thin",<br>"network": "infra-traffic-1024",<br>"masterVidmEnabled": "false",<br>"dns": "10.141.66.213,10.118.183.252",<br>"domain": "sqa.local",<br>"gateway": "10.196.57.253",<br>"netmask": "255.255.254.0",<br>"searchpath": "sqa.local",<br>"timeSyncMode": "host",<br>"ntp": "",<br>"isDhcp": "false"<br>}<br>},<br>"products": [<br>{<br>"id": "vra",<br>"version": "8.1.0",<br>"properties": {<br>"certificate": "locker:certificate:49b8b2-98ba-c1d2bdf35b0a:vm", | Locker reference will typically in the below format:<br><br>**Password**:<br><br>`locker:password:<vmid>:<alias>`<br><br>**Certificate**:<br><br>`locker:certificate:<vmid>:<alias>`<br><br>**License**:<br><br>`locker:license:<vmid>:<alias>`<br><br>VMID which you will get as a response of the Locker creation API and alias would be the one which is provided in the request payload for the locker api.<br><br>Imports<br>vROPS<br><br>**Locker Items:**<br><br>Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs. |

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| | | "productPassword": "locker:password:81f41d9c5bb:VMware1!",<br>"licenseRef": "locker:license:c2cbdd94-0c38-4e6e-90b0-1e86104c14ca:lic"<br>},<br>"clusterVIP": {<br>"clusterVips": []<br>},<br>"nodes": [<br>{<br>"type": "vrava-primary",<br>"properties": {<br>"vmName": "vrava-primary",<br>"hostName": "lcm-57-68.sqa.local",<br>"ip": "10.196.57.68"<br>}<br>},<br>{<br>"type": "vrava-secondary",<br>"properties": {<br>"vmName": "vrava-secondary",<br>"hostName": "lcm-57-69.sqa.local",<br>"ip": "10.196.57.69"<br>}<br>},<br>{<br>"type": "vrava-secondary",<br>"properties": {<br>"vmName": "vrava-secondary",<br>"hostName": "lcm-57-67.sqa.local",<br>"ip": "10.196.57.67"<br>}<br>}<br>]<br>}<br>]<br>}<br><br>Response code : 200 OK<br>Response Body :<br>{ | Locker reference will typically in the below format:<br><br>**Password**:<br><br>locker:password:<vmid>:<alias><br><br>**Certificate**:<br><br>locker:certificate:<vmid>:<alias><br><br>**License**:<br><br>locker:license:<vmid>:<alias><br><br>VMID which you will get as a response of the Locker creation API and alias would be the one which is provided in the request payload for the locker api.<br><br>vRLI<br><br>**Locker Items:**<br><br>Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs. |

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| | | "requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>}<br>vRNI<br>Request parameter : environmentId : "f05cf7e9-bed2-8730-3d69d45d0d31"<br>Request Body : "environmentRequestDTO"<br>{<br>"environmentName": "vRNI_deployment",<br>"infrastructure": {<br>"properties": {<br>"dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",<br>"regionName": "default",<br>"zoneName": "default",<br>"vCenterName": "LCM-VC2",<br>"vCenterHost": "lcm-vc2.sqa.local",<br>"vcUsername": "autouser@vsphere.local",<br>"vcPassword": "locker:password:1a72b1b-40:kar-LCM-VC2-Import-vCenter",<br>"acceptEULA": "true",<br>"enableTelemetry": "true",<br>"adminEmail": "abc@vmware.com",<br>"defaultPassword": "locker:password:81fb1-c6032ee9c5bb:VMware1!",<br>"certificate": "locker:certificate:49b8f38f-2bdf35b0a:vm",<br>"cluster": "Datacenter#Cluster-01",<br>"storage": "ISCSI-15TB-04",<br>"folderName": "",<br>"resourcePool": "",<br>"diskMode": "thin",<br>"network": "infra-traffic-1024",<br>"masterVidmEnabled": "false",<br>"dns": "10.141.66.213,10.118.183.252", | Locker reference will typically in the below format:<br><br>**Password**:<br><br>locker:password:<vmid>:<alias><br><br>**Certificate**:<br><br>locker:certificate:<vmid>:<alias><br><br>**License**:<br><br>locker:license:<vmid>:<alias><br><br>VMID which you will get as a response of the Locker creation API and alias would be the one which is provided in the request payload for the locker api.<br><br>vRBC<br><br>**Locker Items:**<br><br>Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs. |

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| | | "domain": "sqa.local",<br>"gateway": "10.196.57.253",<br>"netmask": "255.255.254.0",<br>"searchpath": "sqa.local",<br>"timeSyncMode": "host",<br>"ntp": "",<br>"isDhcp": "false"<br>}<br>},<br>"products": [<br>{<br>"id": "vrni",<br>"version": "5.1.0",<br>"properties": {<br>"ntp": "",<br>"certificate": "locker:certificate:49bfe-43b2-98ba-c1d2bdf35b0a:vm",<br>"productPassword": "locker:password:81f-af91-c6032ee9c5bb:VMware1!",<br>"licenseRef": "locker:license:6b6-9cfa-3b8a920b99d3:vRNI",<br>"affinityRule": false,<br>"configureAffinitySeparateAll": "true",<br>"masterVidmEnabled": false<br>},<br>"clusterVIP": {<br>"clusterVips": []<br>},<br>"nodes": [<br>{<br>"type": "vrni-platform",<br>"properties": {<br>"vmName": "vrni-platform",<br>"vrniNodeSize": "medium",<br>"ip": "10.196.57.68"<br>}<br>},<br>{<br>"type": "vrni-collector",<br>"properties": { | Locker reference will typically in the below format:<br><br>**Password**:<br><br>locker:password:<vmid>:<alias><br><br>**Certificate**:<br><br>locker:certificate:<vmid>:<alias><br><br>**License**:<br><br>locker:license:<vmid>:<alias><br><br>VMID which you will get as a response of the Locker creation API and alias would be the one which is provided in the request payload for the locker api.<br><br>vRA 8.x<br><br>**Locker Items:**<br><br>Locker items such as password, certificates, licenses should be created. Refer section |

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| | | "vmName": "vrni-collector",<br>"vrniNodeSize": "medium",<br>"ip": "10.196.57.69"<br>}<br>}<br>]<br>}<br>]<br>}<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>}<br>Imports<br>vROPS<br>Request parameter : environmentId : "c9407650-5f76-47a8-99e5-a483de81115b"<br>Request Body : "environmentRequestDTO"<br>{<br>"environmentName": "vrops_import_env",<br>"infrastructure": {<br>"properties": {<br>"dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",<br>"regionName": "default",<br>"zoneName": "default",<br>"vCenterName": "",<br>"vCenterHost": "",<br>"vcUsername": "",<br>"vcPassword": "",<br>"acceptEULA": "false",<br>"enableTelemetry": "true",<br>"adminEmail": "abc@vmware.com",<br>"defaultPassword": "",<br>"certificate": "",<br>"cluster": "",<br>"storage": "",<br>"folderName": "",<br>"resourcePool": "",<br>"diskMode": "",<br>"network": "", | 3 for Locker related APIs.<br><br>Locker reference will typically in the below format:<br><br>**Password**:<br><br>locker:password:<vmid>:<alias><br><br>**Certificate**:<br><br>locker:certificate:<vmid>:<alias><br><br>**License**:<br><br>locker:license:<vmid>:<alias><br><br>VMID which you will get as a response of the Locker creation API and alias would be the one which is provided in the request payload for the locker api.<br><br>vRNI<br><br>**Locker Items:**<br><br>Locker items such as password, certificates, licenses should be created. Refer section |

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| | | "masterVidmEnabled": "false",<br>"dns": "",<br>"domain": "",<br>"gateway": "",<br>"netmask": "",<br>"searchpath": "",<br>"timeSyncMode": "host",<br>"ntp": "",<br>"isDhcp": "false"<br>}<br>},<br>"products": [<br>{<br>"id": "vrops",<br>"version": "8.0.1",<br>"properties": {<br>"vropsMasterNodeIP": "10.196.57.68",<br><br>"vCenterList":"[{\"vCenterHost\":\"lcm-vc1.sqa.local\",\"vcUsername\":\"autouser@vsphere.local\",\"vcPassword\":\"locker:password:71df6f8a-4ff4-4be7-9aeb-bf325b12eaa7:lcm-vc1.sqa.local\"}]",<br>"vropsAdminPassword": "locker:password:81fb3628-bdad-c6032ee9c5bb:VMware1!",<br>"rootPassword": "locker:password:1fb3628-bdad-41d9-af91-c5bb:VMware1!",<br>"isImport": "true"<br>},<br>"clusterVIP": {<br>"clusterVips": []<br>},<br>"nodes": []<br>}<br>]<br>}<br><br>Response code : 200 OK<br>Response Body:<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>}<br>vRLI<br>Request parameter :<br>environmentId : "c9407650-5f76-47a8-99e5-a483de81115b" | 3 for Locker related APIs.<br><br>Locker reference will typically in the below format:<br><br>**Password**:<br><br>locker:password:<vmid>:<alias><br><br>**Certificate**:<br><br>locker:certificate:<vmid>:<alias><br><br>**License**:<br><br>locker:license:<vmid>:<alias><br><br>VMID which you will get as a response of the Locker creation API and alias would be the one which is provided in the request payload for the locker api. |

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| | | Request Body :<br>"environmentRequestDTO"<br>{<br>  "environmentName":<br>"vrli_import_env",<br>  "infrastructure": {<br>  "properties": {<br>  "dataCenterVmid":<br>"ee6ce426-ca13-4e56-ad9e-<br>c34a4d3d90c2",<br>  "regionName":<br>"default",<br>  "zoneName": "default",<br>  "vCenterName": "",<br>  "vCenterHost": "",<br>  "vcUsername": "",<br>  "vcPassword": "",<br>  "acceptEULA": "false",<br>  "enableTelemetry":<br>"true",<br>  "adminEmail":<br>"rvishnuvardh@vmware.com",<br>  "defaultPassword":<br>"locker:password:81fb3628-<br>c6032ee9c5bb:VMware1!",<br>  "certificate": "",<br>  "cluster": "",<br>  "storage": "",<br>  "folderName": "",<br>  "resourcePool": "",<br>  "diskMode": "",<br>  "network": "",<br>  "masterVidmEnabled":<br>"false",<br>  "dns": "",<br>  "domain": "",<br>  "gateway": "",<br>  "netmask": "",<br>  "searchpath": "",<br>  "timeSyncMode": "host",<br>  "ntp": "",<br>  "isDhcp": "false"<br>  }<br>  },<br>  "products": [<br>  {<br>  "id": "vrli",<br>  "version": "8.0.0",<br>  "properties": {<br>  "vrliHostName": "lcm-<br>57.sqa.local",<br><br>"vCenterList":"[{\"vCenterHos<br>t\":\"lcm-<br>vc1.sqa.local\",\"vcUsername\<br>":\"autouser@vsphere.local\", | |

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| | | \"vcPassword\":\"locker:passw<br>ord:71df6f8a-4ff4-4be7-9aeb-<br>bf325b12eaa7:lcm-<br>vc1.sqa.local\"}]",<br>"vrliAdminPassword":<br>"locker:password:81fb3628-<br>bdad-4c5bb:VMware1!",<br>"rootPassword":<br>"locker:password:81fb3628-<br>bdad-49c5bb:VMware1!",<br>"isImport": "true"<br>},<br>"clusterVIP": {<br>"clusterVips": []<br>},<br>"nodes": []<br>}<br>]<br>}<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-<br>6e1f-4772-a97d-af300ad5086c"<br>}<br>vRBC<br>Request parameter :<br>environmentId : "c9407650-<br>5f76-47a8-99e5-a483de81115b"<br>Request Body :<br>"environmentRequestDTO"<br>{<br>"environmentName":<br>"vRBC_import_env",<br>"infrastructure": {<br>"properties": {<br>"dataCenterVmid":<br>"ee6ce426-ca13-4e56-ad9e-<br>c34a4d3d90c2",<br>"regionName":<br>"default",<br>"zoneName": "default",<br>"vCenterName": "",<br>"vCenterHost": "",<br>"vcUsername": "",<br>"vcPassword": "",<br>"acceptEULA": "false",<br>"enableTelemetry":<br>"true",<br>"adminEmail":<br>"rvishnuvardh@vmware.com",<br>"defaultPassword":<br>"locker:password:81fb3628-<br>32ee9c5bb:VMware1!", | |

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      "certificate": "",
      "cluster": "",
      "storage": "",
      "folderName": "",
      "resourcePool": "",
      "diskMode": "",
      "network": "",
      "masterVidmEnabled":
"false",
      "dns": "",
      "domain": "",
      "gateway": "",
      "netmask": "",
      "searchpath": "",
      "timeSyncMode": "host",
      "ntp": "",
      "isDhcp": "false"
    }
  },
  "products": [
    {
      "id": "vrbc",
      "version": "7.6.0",
      "properties": {
        "vrbCafeHost": "",
        "vrbHostName": "lcm-
57.sqa.local",
        "vrbRootPassword":
"locker:password:81fb3628032e
e9c5bb:VMware1!",

"vCenterList":"[{\"vCenterHos
t\":\"lcm-
vc1.sqa.local\",\"vcUsername\
":\"autouser@vsphere.local\",
\"vcPassword\":\"locker:passw
ord:71df6f8a-4ff4-4be7-9aeb-
bf325b12eaa7:lcm-
vc1.sqa.local\"}]",
        "vrbAuthType":
"standalone",
        "vrbVidmHostName":
"",

"vrbVidmAdminUserName": "",

"vrbVidmAdminPassword": "",
        "vrbCafeSsoTenant":
"vsphere.local",

"vrbCafeSsoAdminUser": "",
        "vrbCafeSsoPassword":
"",
        "isImport": "true"
      },
      "clusterVIP": {
```

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| | | "clusterVips": []<br>},<br>"nodes": []<br>}<br>]<br>}<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>}<br>vRA 7.x<br>Request parameter :<br>environmentId : "c9407650-5f76-47a8-99e5-a483de81115b"<br>Request Body :<br>"environmentRequestDTO"<br>{<br>"environmentName": "vRA_import_env",<br>"infrastructure": {<br>"properties": {<br>"dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",<br>"regionName": "default",<br>"zoneName": "default",<br>"vCenterName": "",<br>"vCenterHost": "",<br>"vcUsername": "",<br>"vcPassword": "",<br>"acceptEULA": "false",<br>"enableTelemetry": "true",<br>"adminEmail": "rvishnuvardh@vmware.com",<br>"defaultPassword": "locker:password:81fb3628-32ee9c5bb:VMware1!",<br>"certificate": "",<br>"cluster": "",<br>"storage": "",<br>"folderName": "",<br>"resourcePool": "",<br>"diskMode": "",<br>"network": "",<br>"masterVidmEnabled": "false",<br>"dns": "",<br>"domain": "",<br>"gateway": "",<br>"netmask": "", | |

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      "searchpath": "",
      "timeSyncMode": "host",
      "ntp": "",
      "isDhcp": "false"
    }
  },
  "products": [
    {
      "id": "vra",
      "version": "8.1.0",
      "properties": {
        "windowsPassword":
"locker:password:81fb3628-
bdae9c5bb:VMware1!",
        "vraImportVersion":
"7.6.0",

"cafeHostNamePrimary": "lcm-
57.sqa.local",

"cafeRootPasswordPrimary":
"locker:password:81fb3628-
bdad-41d9-bb:VMware1!",
        "windowsUserName":
"DOMAIN\\USERNAME",
        "tenantName":
"vsphere.local",
        "tenantUserName":
"configadmin",
        "tenantUserPassword":
"locker:password:81fb36-
c6032ee9c5bb:VMware1!",
        "vraAdminPassword":
"locker:password:81fb3628-91-
c6032ee9c5bb:VMware1!",
        "vCenterList":
"[{\"vCenterHost\":\"lcm-
vc1.sqa.local\",\"vcUsername\
":\"autouser@vsphere.local\",
\"vcPassword\":\"locker:passw
ord:49ff4234-e77c-48d2-8027-
bba0514fe511:LCM-VC-
Password\"}]"
        "isImport": "true"
      },
      "clusterVIP": {
        "clusterVips": []
      },
      "nodes": []
    }
  ]
}

Response code : 200 OK
Response Body :
{
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| | | "requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>}<br>vRA 8.x<br>Request parameter :<br>environmentId : "c9407650-5f76-47a8-99e5-a483de81115b"<br>Request Body :<br>"environmentRequestDTO"<br>{<br>"environmentName": "vra_import_env",<br>"infrastructure": {<br>"properties": {<br>"dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",<br>"regionName": "default",<br>"zoneName": "default",<br>"vCenterName": "",<br>"vCenterHost": "",<br>"vcUsername": "",<br>"vcPassword": "",<br>"acceptEULA": "false",<br>"enableTelemetry": "true",<br>"adminEmail": "rvishnuvardh@vmware.com",<br>"defaultPassword": "locker:password:81fb36032ee9c5bb:VMware1!",<br>"certificate": "",<br>"cluster": "",<br>"storage": "",<br>"folderName": "",<br>"resourcePool": "",<br>"diskMode": "",<br>"network": "",<br>"masterVidmEnabled": "false",<br>"dns": "",<br>"domain": "",<br>"gateway": "",<br>"netmask": "",<br>"searchpath": "",<br>"timeSyncMode": "host",<br>"ntp": "",<br>"isDhcp": "false"<br>}<br>},<br>"products": [<br>{<br>"id": "vra",<br>"version": "8.1.0", | |

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| | | "properties": {<br>"vraImportVersion": "8.0.0",<br><br>"cafeHostNamePrimary": "lcm-57.sqa.local",<br><br>"cafeRootPasswordPrimary": "locker:password:81fb36-c6032ee9c5bb:VMware1!",<br>"vCenterList": "[{\"vCenterHost\":\"lcm-vc1.sqa.local\",\"vcUsername\":\"autouser@vsphere.local\",\"vcPassword\":\"locker:password:49ff4234-e77c-48d2-8027-bba0514fe511:LCM-VC-Password\"}]"<br>"isImport": "true"<br>},<br>"clusterVIP": {<br>"clusterVips": []<br>},<br>"nodes": []<br>}<br>]<br>}<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>}<br>vRNI<br>Request parameter : environmentId : "c9407650-5f76-47a8-99e5-a483de81115b"<br>Request Body : "environmentRequestDTO"<br>{<br>"environmentName": "vrni_import_env",<br>"environmentHealth": null,<br>"logHistory": null,<br>"infrastructure": {<br>"properties": {<br>"dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",<br>"regionName": "default",<br>"zoneName": "default",<br>"vCenterName": "",<br>"vCenterHost": "", | |

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| | | "vcUsername": "",<br>"vcPassword": "",<br>"acceptEULA": "false",<br>"enableTelemetry": "true",<br>"adminEmail": "abc@vmware.com",<br>"defaultPassword": "locker:password:81fb3628-bdee9c5bb:VMware1!",<br>"certificate": "",<br>"cluster": "",<br>"storage": "",<br>"folderName": "",<br>"resourcePool": "",<br>"diskMode": "",<br>"network": "",<br>"masterVidmEnabled": "false",<br>"dns": "",<br>"domain": "",<br>"gateway": "",<br>"netmask": "",<br>"searchpath": "",<br>"timeSyncMode": "host",<br>"ntp": "",<br>"isDhcp": "false"<br>}<br>},<br>"products": [<br>{<br>"id": "vrni",<br>"version": "5.1.0",<br>"properties": {<br>"platformIP": "10.196.57.68",<br>"vrniPlatformUserName": "configadmin",<br>"vrniPlatformPassword": "",<br>"supportPassword": "",<br>"consolePassword": "",<br>"vCenterList":"[{\"vCenterHost\":\"lcm-vc1.sqa.local\",\"vcUsername\":\"autouser@vsphere.local\",\"vcPassword\":\"locker:password:71df6f8a-4ff4-4be7-9aeb-bf325b12eaa7:lcm-vc1.sqa.local\"}]",<br>"isImport": "true"<br>}, | |

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| | | "clusterVIP": {<br>"clusterVips": []<br>},<br>"nodes": []<br>}<br>]<br>}<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>} | |

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| Add Node to Product | POST | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/nodes<br>vROPS<br>`Request parameters :`<br>`environmentId : 3184bdcb-e82a-4bc5-aba5-46dec1d15a7e`<br>`productId : vrops`<br><br>`Request Body :`<br>`{`<br>`  "environmentName": "suite_all",`<br>`  "infrastructure": {`<br>`  "properties": {`<br>`  "dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",`<br>`  "regionName": "default",`<br>`  "zoneName": "default",`<br>`  "vCenterName": "LCM-VC2",`<br>`  "vCenterHost": "lcm-vc2.sqa.local",`<br>`  "vcUsername": "autouser@vsphere.local",`<br>`  "vcPassword": "locker:password:609cc17a8:DC1-LCM-VC2-Import-vCenter",`<br>`  "acceptEULA": "true",`<br>`  "enableTelemetry": "true",`<br>`  "adminEmail": "rvishnuvardh@vmware.com",`<br>`  "defaultPassword": "locker:password:a1bb8853-8ab2-4ac3-b2d4-f2d36:VMware1!200",`<br>`  "certificate": "locker:certificate:f48021-32f0e625d983:vmware",`<br>`  "cluster": "Datacenter#Cluster-01",`<br>`  "storage": "ISCSI-15TB-04",`<br>`  "folderName": "",`<br>`  "resourcePool": "",`<br>`  "diskMode": "thin",`<br>`  "network": "infra-traffic-1024",` | Products<br>vROPS<br><br>**Locker Items:**<br><br>Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.<br><br>Locker reference will typically in the below format:<br><br>**Password**:<br><br>`locker:password:<vmid>:<alias>`<br><br>**Certificate**:<br><br>`locker:certificate:<vmid>:<alias>`<br><br>**License**:<br><br>`locker:license:<vmid>:<alias>`<br><br>VMID which you will get as a response of the Locker creation API and alias would be the one which is provided in the request payload for the locker api. |

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| | | "masterVidmEnabled": "false",<br>"dns": "10.141.66.213,10.118.183.252,10.141.66.220",<br>"domain": "sqa.local",<br>"gateway": "10.198.49.253",<br>"netmask": "255.255.254.0",<br>"searchpath": "sqa.local",<br>"timeSyncMode": "host",<br>"ntp": "",<br>"isDhcp": "false"<br>}<br>},<br>"products": [<br>{<br>"id": "vrops",<br>"version": "7.5.0",<br>"patchHistory": null,<br>"snapshotHistory": null,<br>"logHistory": null,<br>"clusterVIP": {<br>"clusterVips": []<br>},<br>"nodes": [<br>{<br>"type": "data",<br>"properties": {<br>"vmName": "vrops-data",<br>"hostName": "sqa.local",<br>"ip": "6.6.6.6"<br>}<br>}<br>],<br>"properties": {<br>"certificate": "locker:certificate:f4e9625d983:vmware",<br>"productPassword": "locker:password:a1bb8853-8ab2-4ac3-4f2d36:VMware1!200",<br>"licenseRef": "locker:license:24228154-7de8-4953-ba80-c07dc11bd6f1:vrbc4",<br>"disableTls": "",<br>"timeSyncMode": "host", | vRLI<br><br>**Locker Items:**<br><br>Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.<br><br>Locker reference will typically in the below format:<br><br>**Password**:<br><br>`locker:password:<vmid>:<alias>`<br><br>**Certificate**:<br><br>`locker:certificate:<vmid>:<alias>`<br><br>**License**:<br><br>`locker:license:<vmid>:<alias>`<br><br>VMID which you will get as a response of the Locker creation API and alias would be the one which is provided in the request payload for the locker api.<br><br>vRBC |

| | | | |
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| | | "masterVidmEnabled": false,<br>"ntp": "",<br>"affinityRule": false,<br>"configureAffinitySeparateAll": "true",<br>"deployOption": "xsmall"<br>}<br>}<br>]<br>}<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>}<br>vRLI<br>Request parameters:<br>environmentId : 3184bdcb-e82a-4bc5-aba5-46dec1d15a7e<br>productId : vrli<br><br>Request Body :<br>{<br>"environmentName": "suite_all",<br>"infrastructure": {<br>"properties": {<br>"dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",<br>"regionName": "default",<br>"zoneName": "default",<br>"vCenterName": "LCM-VC2",<br>"vCenterHost": "lcm-vc2.sqa.local",<br>"vcUsername": "autouser@vsphere.local",<br>"vcPassword": "locker:password:609cb152-aa53-a8:DC1-LCM-VC2-Import-vCenter",<br>"acceptEULA": "true",<br>"enableTelemetry": "true",<br>"adminEmail": "rvishnuvardh@vmware.com", | **Locker Items:**<br><br>Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.<br><br>Locker reference will typically in the below format:<br><br>**Password**:<br><br>`locker:password:<vmid>:<alias>`<br><br>**Certificate**:<br><br>`locker:certificate:<vmid>:<alias>`<br><br>**License**:<br><br>`locker:license:<vmid>:<alias>`<br><br>VMID which you will get as a response of the Locker creation API and alias would be the one which is provided in the request payload for the locker api.<br><br>vRA 7.x |

| | | | |
|---|---|---|---|
| | | "defaultPassword": "locker:password:a1bd4-c474484f2d36:VMware1!200",<br>"certificate": "locker:certificate:f4e98b921-32f0e625d983:vmware",<br>"cluster": "Datacenter#Cluster-01",<br>"storage": "ISCSI-15TB-04",<br>"folderName": "",<br>"resourcePool": "",<br>"diskMode": "thin",<br>"network": "infra-traffic-1024",<br>"masterVidmEnabled": "false",<br>"dns": "10.141.66.213,10.118.183.252,10.141.66.220,2.2.2.2",<br>"domain": "sqa.local",<br>"gateway": "10.198.49.253",<br>"netmask": "255.255.254.0",<br>"searchpath": "sqa.local",<br>"timeSyncMode": "host",<br>"ntp": "",<br>"isDhcp": "false"<br>}<br>},<br>"products": [<br>{<br>"id": "vrli",<br>"version": "4.8.0",<br>"patchHistory": null,<br>"snapshotHistory": null,<br>"logHistory": null,<br>"clusterVIP": {<br>"clusterVips": []<br>},<br>"nodes": [<br>{<br>"type": "vrli-worker",<br>"properties": {<br>"vmName": "vrli-worker-2",<br>"hostName": "sqa.local",<br>"ip": "4.4.4.4"<br>}<br>},<br>{ | **Locker Items:**<br><br>Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.<br><br>Locker reference will typically in the below format:<br><br>**Password**:<br><br>`locker:password:<vmid>:<alias>`<br><br>**Certificate**:<br><br>`locker:certificate:<vmid>:<alias>`<br><br>**License**:<br><br>`locker:license:<vmid>:<alias>`<br><br>VMID which you will get as a response of the Locker creation API and alias would be the one which is provided in the request payload for the locker api.<br><br>vRA 8.x |

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| | | "type": "vrli-worker",<br>"properties": {<br>"vmName": "vrli-worker",<br>"hostName": "sqa.local",<br>"ip": "3.3.3.3"<br>}<br>},<br>{<br>"type": "vrli-master",<br>"properties": {<br>"vmName": "vrli-master",<br>"hostName": "lcm-57.sqa.local",<br>"ip": "10.196.57.68",<br>"rootPassword": "locker:password:a1bbc3-b2d4-c474484f2d36:VMware1!200",<br>"cluster": "Datacenter#Cluster-01",<br>"dns": "10.141.66.213,10.118.183.252,10.141.66.220,2.2.2.2",<br>"diskMode": "thin",<br>"vCenterHost": "lcm-vc2.sqa.local",<br>"storage": "ISCSI-15TB-04",<br>"ntp": "",<br>"network": "infra-traffic-1024",<br>"netmask": "255.255.254.0",<br>"vcUsername": "autouser@vsphere.local",<br>"domain": "sqa.local",<br>"timeSyncMode": "host",<br>"folderName": "",<br>"vcPassword": "locker:password:609cb152-a7a8:DC1-LCM-VC2-Import-vCenter",<br>"gateway": "10.198.49.253",<br>"searchpath": "sqa.local",<br>"resourcePool": "", | **Locker Items:**<br><br>Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.<br><br>Locker reference will typically in the below format:<br><br>**Password**:<br><br>`locker:password:<vmid>:<alias>`<br><br>**Certificate**:<br><br>`locker:certificate:<vmid>:<alias>`<br><br>**License**:<br><br>`locker:license:<vmid>:<alias>`<br><br>VMID which you will get as a response of the Locker creation API and alias would be the one which is provided in the request payload for the locker api.<br><br>vIDM |

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| | | "disabled": "true"<br>}<br>}<br>],<br>"properties": {<br>"certificate": "locker:certificate:fd-8021-32f0e625d983:vmware",<br>"productPassword": "locker:password:a1bb8852d4-c474484f2d36:VMware1!200",<br>"licenseRef": "locker:license:24228154-7de8-4953-ba80-c07dc11bd6f1:vrbc4",<br>"nodeSize": "small",<br>"configureClusterVIP": "false",<br>"affinityRule": false,<br>"isUpgradeVmCompatibility": false,<br>"vrliAlwaysUseEnglish": false,<br>"configureAffinitySeparateAll": "true",<br>"masterVidmEnabled": false,<br>"ntp": "",<br>"timeSyncMode": "host"<br>}<br>}<br>]<br>}<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>}<br>vRBC<br>Request parameters :<br>environmentId : 3184bdcb-e82a-4bc5-aba5-46dec1d15a7e<br>productId : vrbc<br><br>Request Body : | **Locker Items:**<br><br>Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.<br><br>Locker reference will typically in the below format:<br><br>**Password**:<br><br>locker:password:<vmid>:<alias><br><br>**Certificate**:<br><br>locker:certificate:<vmid>:<alias><br><br>**License**:<br><br>locker:license:<vmid>:<alias><br><br>VMID which you will get as a response of the Locker creation API and alias would be the one which is provided in the request payload for the locker api.<br><br>vRNI |

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|---|---|---|---|
| | | {<br>"environmentName": "suite_all",<br>"infrastructure": {<br>"properties": {<br>"dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",<br>"regionName": "default",<br>"zoneName": "default",<br>"vCenterName": "LCM-VC2",<br>"vCenterHost": "lcm-vc2.sqa.local",<br>"vcUsername": "autouser@vsphere.local",<br>"vcPassword": "locker:password:609cb152-aa5c17a8:DC1-LCM-VC2-Import-vCenter",<br>"acceptEULA": "true",<br>"enableTelemetry": "true",<br>"adminEmail": "rvishnuvardh@vmware.com",<br>"defaultPassword": "locker:password:a1bb82d4-c474484f2d36:VMware1!200",<br>"certificate": "locker:certificate:f4e988021-32f0e625d983:vmware",<br>"cluster": "Datacenter#Cluster-01",<br>"storage": "ISCSI-15TB-04",<br>"folderName": "",<br>"resourcePool": "",<br>"diskMode": "thin",<br>"network": "infra-traffic-1024",<br>"masterVidmEnabled": "false",<br>"dns": "10.141.66.213,10.118.183.252,10.141.66.220,2.2.2.2",<br>"domain": "sqa.local",<br>"gateway": "10.198.49.253",<br>"netmask": "255.255.254.0",<br>"searchpath": "sqa.local",<br>"timeSyncMode": "host",<br>"ntp": "",<br>"isDhcp": "false" | **Locker Items:**<br><br>Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.<br><br>Locker reference will typically in the below format:<br><br>**Password**:<br><br>`locker:password:<vmid>:<alias>`<br><br>**Certificate**:<br><br>`locker:certificate:<vmid>:<alias>`<br><br>**License**:<br><br>`locker:license:<vmid>:<alias>`<br><br>VMID which you will get as a response of the Locker creation API and alias would be the one which is provided in the request payload for the locker api. |

```
    }
  },
  "products": [
    {
      "id": "vrbc",
      "version": "7.5.0",
      "patchHistory": null,
      "snapshotHistory":
null,
      "logHistory": null,
      "clusterVIP": {
        "clusterVips": []
      },
      "nodes": [
        {
          "type": "vrb-
collector",
          "properties": {
            "vmName": "vrb-
collector",
            "hostName":
"sqa.local",
            "ip": "5.5.5.5"
          }
        },
        {
          "type": "vrb-
server",
          "properties": {
            "vmName": "vrb-
server",
            "hostName": "lcm-
57.sqa.local",
            "ip":
"10.196.57.68",
            "rootPassword":
"locker:password:a1bb82d36:VM
ware1!200",

"__vrbServerRootPassword":
"locker:password:a16:VMware1!
200",

"installerLocation":"http://l
ocalhost:8080/repo/productBin
ariesRepo/vrbc/7.5.0/install/
vrbc.ova",
            "isStandalone":
null,

"vrbServerHostName": "lcm-
57.sqa.local",

"vrbRootPassword":

        "locker:password:a1bb8
```

853-8ab2-4ac3-b2d4-c474484f2d36:VMware1!200",
            "vrbServerIP": "10.196.57.68",

"masterVidmEnabled": "false",

"__vidmGroupName": "vRBC_Administrator",
            "cluster": "Datacenter#Cluster-01",
            "dns": "10.141.66.213,10.118.183.252,10.141.66.220,2.2.2.2",
            "diskMode": "thin",
            "vCenterHost": "lcm-vc2.sqa.local",
            "storage": "ISCSI-15TB-04",
            "ntp": "",
            "network": "infra-traffic-1024",
            "netmask": "255.255.254.0",
            "vcUsername": "autouser@vsphere.local",
            "domain": "sqa.local",
            "timeSyncMode": "host",
            "folderName": "",
            "vcPassword": "locker:password:609cb17a8:DC1-LCM-VC2-Import-vCenter",
            "gateway": "10.198.49.253",
            "searchpath": "sqa.local",
            "resourcePool": "",
            "disabled": "true"
          }
        }
      ],
      "properties": {
        "certificate": "locker:certificate:f4e98b92-cba0-448d-8021-32f0e625d983:vmware",
        "productPassword": "locker:password:a1bb8853-8ab2-4ac3-b2d4-c474484f2d36:VMware1!200",

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| | | "licenseRef": "locker:license:24228154-7de8-4953-ba80-c07dc11bd6f1:vrbc4",<br>"currency": "AED - UAE Dirham",<br>"timeSyncMode": "host",<br>"masterVidmEnabled": false,<br>"ntp": "",<br>"affinityRule": false,<br>"configureAffinitySeparateAll": "true",<br>"vrbAuthType": "standalone"<br>}<br>}<br>]<br>}<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>}<br>vRA 7.x<br>Request parameters :<br>environmentId : 3184bdcb-e82a-4bc5-aba5-46dec1d15a7e<br>productId : vra<br><br>Request Body :<br>{<br>"environmentName": "suite_all",<br>"infrastructure": {<br>"properties": {<br>"dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",<br>"regionName": "default",<br>"zoneName": "default",<br>"vCenterName": "LCM-VC2",<br>"vCenterHost": "lcm-vc2.sqa.local",<br>"vcUsername": "autouser@vsphere.local", | |

```
      "vcPassword":
"locker:password:609cb152-
aa53-4466-b17e-
6d2d3f2c17a8:DC1-LCM-VC2-
Import-vCenter",
      "acceptEULA": "true",
      "enableTelemetry":
"true",
      "adminEmail":
"rvishnuvardh@vmware.com",
      "defaultPassword":
"locker:password:a1bb8853-
8ab2-4ac3-b2d4-
c474484f2d36:VMware1!200",
      "certificate":
"locker:certificate:f4e98b92-
cba0-448d-8021-
32f0e625d983:vmware",
      "cluster":
"Datacenter#Cluster-01",
      "storage": "ISCSI-15TB-
04",
      "folderName": "",
      "resourcePool": "",
      "diskMode": "thin",
      "network": "infra-
traffic-1024",
      "masterVidmEnabled":
"false",
      "dns":
"10.141.66.213,10.118.183.252
,10.141.66.220,2.2.2.2",
      "domain": "sqa.local",
      "gateway":
"10.198.49.253",
      "netmask":
"255.255.254.0",
      "searchpath":
"sqa.local",
      "timeSyncMode": "host",
      "ntp": "",
      "isDhcp": "false"
    }
  },
  "products": [
    {
      "id": "vra",
      "version": "7.6.0",
      "patchHistory": null,
      "snapshotHistory":
null,
      "logHistory": null,
      "clusterVIP": {
        "clusterVips": []
      },
      "nodes": [
```

```
        {
          "type": "vra-
server-secondary",
          "properties": {
            "vmName": "vra-
server-secondary",
            "hostName":
"sqa.local",
            "ip":
"10.196.57.68"
          }
        },
        {
          "type": "vra-
server-primary",
          "properties": {
            "vmName": "vra-
server-primary",
            "hostName": "lcm-
57.sqa.local",
            "ip":
"10.196.57.68",
            "rootPassword":
"locker:password:a1bb8853-
8ab2-4ac3-b2d4-
c474484f2d36:VMware1!200",
            "cluster":
"Datacenter#Cluster-01",
            "dns":
"10.141.66.213,10.118.183.252
,10.141.66.220,2.2.2.2",
            "diskMode":
"thin",
            "vCenterHost":
"lcm-vc2.sqa.local",
            "storage":
"ISCSI-15TB-04",
            "ntp": "",
            "network":
"infra-traffic-1024",
            "netmask":
"255.255.254.0",
            "vcUsername":
"autouser@vsphere.local",
            "domain":
"sqa.local",
            "timeSyncMode":
"host",
            "folderName": "",
            "vcPassword":
"locker:password:609cb152-
aa53-4466-b17e-
6d2d3f2c17a8:DC1-LCM-VC2-
Import-vCenter",
            "gateway":
"10.198.49.253",
```

```
            "searchpath":
"sqa.local",
            "resourcePool":
"",
            "disabled":
"true"
          }
        },
        {
          "type": "db",
          "properties": {
            "ip":
"10.196.57.68",
            "vmName": "db",
            "hostName": "lcm-
57.sqa.local",
            "disabled":
"true"
          }
        },
        {
          "type": "iaas-web",
          "properties": {
            "vmName": "iaas-
web",
            "hostName": "lcm-
57.sqa.local",
            "ip":
"10.196.57.68",
            "cluster":
"Datacenter#Cluster-01",
            "dns":
"10.141.66.213,10.118.183.252
,10.141.66.220,2.2.2.2",
            "diskMode":
"thin",
            "vCenterHost":
"lcm-vc2.sqa.local",
            "storage":
"ISCSI-15TB-04",
            "ntp": "",
            "network":
"infra-traffic-1024",
            "netmask":
"255.255.254.0",
            "vcUsername":
"autouser@vsphere.local",
            "domain":
"sqa.local",
            "timeSyncMode":
"host",
            "folderName": "",
            "vcPassword":
"locker:password:609cb152-
aa53-4466-b17e-
```

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| | | 6d2d3f2c17a8:DC1-LCM-VC2-Import-vCenter",<br>"gateway": "10.198.49.253",<br>"searchpath": "sqa.local",<br>"resourcePool": "",<br>"disabled": "true"<br>}<br>},<br>{<br>"type": "iaas-manager-active",<br>"properties": {<br>"vmName": "iaas-manager-active",<br>"hostName": "lcm-57.sqa.local",<br>"ip": "10.196.57.68",<br>"cluster": "Datacenter#Cluster-01",<br>"dns": "10.141.66.213,10.118.183.252,10.141.66.220,2.2.2.2",<br>"diskMode": "thin",<br>"vCenterHost": "lcm-vc2.sqa.local",<br>"storage": "ISCSI-15TB-04",<br>"ntp": "",<br>"network": "infra-traffic-1024",<br>"netmask": "255.255.254.0",<br>"vcUsername": "autouser@vsphere.local",<br>"domain": "sqa.local",<br>"timeSyncMode": "host",<br>"folderName": "",<br>"vcPassword": "locker:password:609cb152-aa53-4466-b17e-6d2d3f2c17a8:DC1-LCM-VC2-Import-vCenter",<br>"gateway": "10.198.49.253",<br>"searchpath": "sqa.local",<br>"resourcePool": "", | |

```
            "disabled":
"true"
          }
        },
        {
          "type": "iaas-dem-
worker",
          "properties": {
            "hostName": "lcm-
57.sqa.local",
            "vmName": "iaas-
dem-worker",
            "ip":
"10.196.57.68",
            "cluster":
"Datacenter#Cluster-01",
            "dns":
"10.141.66.213,10.118.183.252
,10.141.66.220,2.2.2.2",
            "diskMode":
"thin",
            "vCenterHost":
"lcm-vc2.sqa.local",
            "storage":
"ISCSI-15TB-04",
            "ntp": "",
            "network":
"infra-traffic-1024",
            "netmask":
"255.255.254.0",
            "vcUsername":
"autouser@vsphere.local",
            "domain":
"sqa.local",
            "timeSyncMode":
"host",
            "folderName": "",
            "vcPassword":
"locker:password:609cb152-
aa53-4466-b17e-6d2d3f2c17a8:
DC1-LCM-VC2-Import-vCenter",
            "gateway":
"10.198.49.253",
            "searchpath":
"sqa.local",
            "resourcePool":
"",
            "disabled":
"true"
          }
        },
        {
          "type": "proxy-
agent-vsphere",
          "properties": {
```

```
            "hostName": "lcm-
57.sqa.local",
            "vmName": "proxy-
agent-vsphere",
            "ip":
"10.196.57.68",

"vsphereEndpointName": "",
            "cluster":
"Datacenter#Cluster-01",
            "dns":
"10.141.66.213,10.118.183.252
,10.141.66.220,2.2.2.2",
            "diskMode":
"thin",
            "vCenterHost":
"lcm-vc2.sqa.local",
            "storage":
"ISCSI-15TB-04",
            "ntp": "",
            "network":
"infra-traffic-1024",
            "netmask":
"255.255.254.0",
            "vcUsername":
"autouser@vsphere.local",
            "domain":
"sqa.local",
            "timeSyncMode":
"host",
            "folderName": "",
            "vcPassword":
"locker:password:609cb152-
aa53-4466-b17e-
6d2d3f2c17a8:DC1-LCM-VC2-
Import-vCenter",
            "gateway":
"10.198.49.253",
            "searchpath":
"sqa.local",
            "resourcePool":
"",
            "disabled":
"true"
          }
        }
      ],
      "properties": {
        "windowsUserName":
"DOMAIN\\VISHNU",
        "msCertificate": "",
        "webCertificate": "",

"useComponentCertificate":
false,
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| | | | |
|---|---|---|---|
| | | "certificate": "locker:certificate:f4e98b92-cba0-448d-8021-32f0e625d983:vmware",<br>"productPassword": "locker:password:a1bb8853-8ab2-4ac3-b2d4-c474484f2d36:VMware1!200",<br>"licenseRef": "locker:license:24228154-7de8-4953-ba80-c07dc11bd6f1:vrbc4",<br>"windowsPassword": "locker:password:a1bb8853-8ab2-4ac3-b2d4-c474484f2d36:VMware1!200",<br>"masterVidmEnabled": false,<br>"timeSyncMode": "host",<br>"ntp": "",<br>"configureWindowVM": "false",<br>"affinityRule": false,<br>"configureAffinitySeparateAll": "true",<br>"configureClusterVIP": "false",<br>"installInitialContent": false,<br>"cafeCertificate": ""<br>}<br>}<br>]<br>}<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>}<br>vRA 8.x<br>Request parameters :<br>environmentId : vRA-Prelude-Standalone1582715152352<br>productId : vra<br><br>Request body :<br>{ | |

| | | | |
|---|---|---|---|
| | | "environmentName": "vRA-Prelude-Standalone",<br>"infrastructure": {<br>"properties": {<br>"vrniLicense": "",<br>"cluster": "Datacenter-01#Cluster-01",<br>"regionName": "default",<br>"certificate": "locker:certificate:9bd1210e-6703-45ee-b6f1-9e8fe0993e35:lcm-prelude-sn-215-cert",<br>"diskMode": "thin",<br>"dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",<br>"vCenterHost": "lcm-vc1.sqa.local",<br>"storage": "ISCSI-15TB-02",<br>"network": "Datacenter-01-DV-DVUplinks-55",<br>"netmask": "255.255.254.0",<br>"enableTelemetry": "true",<br>"zoneName": "default",<br>"vcPassword": "locker:password:6217e1d0-6b21-4c3f-9bef-9f831d35f2d2:LCM-VC-Password",<br>"defaultPassword": "locker:password:44aa9111-fb83-4dc7-898038b:Products-Default-Admin-Password",<br>"adminEmail": "vrslcm@vmware.com",<br>"resourcePool": "",<br>"dns": "10.141.66.213,10.118.183.252",<br>"ntp": "ntp1.eng.vmware.com",<br>"vCenterName": "VC2",<br>"license": "FM6J2-8L2DQ-48V1J-053AP-CE246",<br>"vcUsername": "autouser@vsphere.local",<br>"domain": "sqa.local",<br>"licenseVmid": "da4a32b6-d5ec-4878-b490-66518abebecd",<br>"timeSyncMode": "ntp", | |

```
      "acceptEULA": "true",
      "folderName": "",
      "gateway":
"10.196.55.253",
      "searchpath":
"sqa.local",
      "isDhcp": "undefined"
    }
  },
  "products": [
    {
      "id": "vra",
      "version": "8.0.1",
      "snapshotHistory":
null,
      "logHistory": null,
      "clusterVIP": {
        "clusterVips": [
          {
            "type": "vra-va",
            "properties": {
              "hostName":
"sqa.local"
            }
          }
        ]
      },
      "nodes": [
        {
          "type": "vrava-
secondary",
          "properties": {
            "vmName": "vrava-
secondary-2",
            "hostName":
"sqa.local",
            "ip": "2.2.2.2"
          }
        },
        {
          "type": "vrava-
secondary",
          "properties": {
            "vmName": "vrava-
secondary",
            "hostName":
"sqa.local",
            "ip": "2.2.2.2"
          }
        },
        {
          "type": "vrava-
primary",
          "properties": {
            "vmName":
"Nightly_vrava_prelude_SN",
```

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            "hostName": "lcm-
54-215.sqa.local",
            "ip":
"10.196.54.215",
            "rootPassword":
"locker:password:44aa9111-
fb83-4dc7-898b:Products-
Default-Admin-Password",
            "cluster":
"Cluster-01",
            "dns":
"10.141.66.213,10.118.183.252
",
            "diskMode":
"thin",
            "vCenterHost":
"lcm-vc1.sqa.local",
            "storage":
"vsanDatastore",
            "ntp":
"ntp1.eng.vmware.com",
            "network":
"infra-traffic-1023",

"contentLibraryItemId": null,
            "netmask":
"255.255.254.0",
            "vcUsername":
"autouser@vsphere.local",
            "domain":
"sqa.local",
            "timeSyncMode":
"ntp",
            "folderName":
"group-v34374",
            "vcPassword":
"locker:password:6217e1d0-
6b21-4c3f-9bef-
9f831d35f2d2:LCM-VC-
Password",
            "gateway":
"10.196.55.253",
            "searchpath":
"sqa.local",
            "resourcePool":
"resgroup-34373",
            "disabled":
"true"
          }
        }
      ],
      "properties": {
        "certificate":
"locker:certificate:9bd1210e-
6703-45ee-b6f1-
```

| | | | |
|---|---|---|---|
| | | 9e8fe0993e35:lcm-prelude-sn-215-cert",<br><br>"contentLibraryItemId": "",<br>"productPassword": "locker:password:44aa9111-fb8f24b38b:Products-Default-Admin-Password",<br>"licenseRef": "locker:license:da4a32b6-d5ec-4878-b490-66518abebecd:NightlySuite19License"<br>}<br>}<br>]<br>}<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>}<br>vIDM<br>Request parameters :<br>environmentId : globalenvironment<br>productId : vidm<br><br>Request body :<br>{<br>"environmentName": "globalenvironment",<br>"infrastructure": {<br>"properties": {<br>"vrniLicense": null,<br>"cluster": "LCM-Datacenter#LCM-Cluster",<br>"regionName": "default",<br>"certificate": "locker:certificate:d37db1be-6e8c-4777-8a73-25ffdcf61126:lcm-nightly-vidm-cert",<br>"diskMode": "thin",<br>"dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",<br>"vCenterHost": "wdc-lcm-vc.sqa.local", | |

```
      "storage":
"vsanDatastore",
      "network": "DONT-USE-
vMotion-3100",
      "netmask":
"255.255.254.0",
      "enableTelemetry":
"true",
      "zoneName": "default",
      "vcPassword":
"locker:password:2f369425-
9f8f-416e-b921-
dd691a0c31af:VMware-Default-
Password",
      "defaultPassword":
"locker:password:2f369425-
9f8f-416e-b921-
dd691a0c31af:VMware-Default-
Password",
      "adminEmail":
"vrslcm@vmware.com",
      "resourcePool": "",
      "dns":
"10.141.66.213,10.118.183.252
",
      "ntp": "",
      "vCenterName": "VC3",
      "license": "H109R-
40391-M828D-0PARH-2EUMY",
      "vcUsername":
"administrator@vsphere.local"
,
      "domain": "sqa.local",
      "licenseVmid":
"1b68ace4-fe9b-48dd-bcf8-
714e234ddbd1",
      "timeSyncMode": "null",
      "acceptEULA": "true",
      "folderName": "",
      "gateway":
"10.198.49.253",
      "searchpath":
"sqa.local"
    }
  },
  "products": [
    {
      "id": "vidm",
      "version": "3.3.2",
      "patchHistory": null,
      "snapshotHistory":
null,
      "logHistory": null,
      "clusterVIP": {
        "clusterVips": [
          {
```

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            "type": "vidm-
lb",
            "properties": {
              "hostName":
"lcm-vrs-49-29.sqa.local"
            }
          },
          {
            "type": "vidm-
delegate",
            "properties": {
              "ip":
"10.198.49.30"
            }
          }
        ]
      },
      "nodes": [
        {
          "type": "vidm-
connector",
          "properties": {
            "hostName":
"sqa.local",
            "isDomainJoined":
true,
            "domainAdmin":
"Domain\\admin",

"domainAdminPassword":
"locker:password:2f369425-
9f8f-4a0c31af:VMware-Default-
Password",
            "adminUserName":
"",
            "adminPassword":
"",
            "vmName": "vidm-
connector-4",

"vidmConnectorName":
"windows",

"vidmConnectorAdminPassword":
"locker:password:6217e1d0-
69bef-9f831d35f2d2:LCM-VC-
Password"
          }
        },
        {
          "type": "vidm-
primary",
          "properties": {
            "vmName":
"Nightly_vidm-primary-26",
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"hostName": "lcm-vrs-49-26.sqa.local",
"ip": "10.198.49.26",

"vidmRootPassword": "locker:password:2f369425-9f8f-416e-b1af:VMware-Default-Password",

"vidmSshPassword": "locker:password:2f369425-9f8f-416e-ba0c31af:VMware-Default-Password",

"vidmSystemAdminPassword": "locker:password:2f369425-9f821-dd691a0c31af:VMware-Default-Password",
"isMasterNode": "true",
"cluster": "LCM-Cluster",
"dns": "10.141.66.213,10.118.183.252",
"diskMode": "thin",
"vCenterHost": "wdc-lcm-vc.sqa.local",
"storage": "vsanDatastore",
"ntp": null,
"network": "VM-Network-1016",

"contentLibraryItemId": null,
"netmask": "255.255.254.0",
"vcUsername": "administrator@vsphere.local",
"domain": "sqa.local",
"timeSyncMode": null,
"folderName": "",
"vcPassword": "locker:password:2f369425-9f8f-416e-b921-dd691a0c31af:VMware-Default-Password",
"gateway": "10.198.49.253",
"searchpath": "sqa.local",

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            "resourcePool":
"",
            "disabled":
"true"
          }
        },
        {
          "type": "vidm-
secondary",
          "properties": {
            "vmName":
"Nightly_vidm-secondary-27",
            "hostName": "lcm-
vrs-49-27.sqa.local",
            "ip":
"10.198.49.27",

"vidmRootPassword":
"locker:password:2f369425-
9f21-dd691a0c31af:VMware-
Default-Password",

"vidmSshPassword":
"locker:password:2f369425-
9f8f-491a0c31af:VMware-
Default-Password",

"vidmSystemAdminPassword":
"locker:password:2f36942-
b921-dd691a0c31af:VMware-
Default-Password",
            "isMasterNode":
"false",
            "cluster": "LCM-
Cluster",
            "dns":
"10.141.66.213,10.118.183.252
",
            "diskMode":
"thin",
            "vCenterHost":
"wdc-lcm-vc.sqa.local",
            "storage":
"vsanDatastore",
            "ntp": null,
            "network": "VM-
Network-1016",

"contentLibraryItemId": null,
            "netmask":
"255.255.254.0",
            "vcUsername":
"administrator@vsphere.local"
,
            "domain":
"sqa.local",
```

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            "timeSyncMode":
null,
            "folderName": "",
            "vcPassword":
"locker:password:2f369425-
9f8f-416e-b921-
dd691a0c31af:VMware-Default-
Password",
            "gateway":
"10.198.49.253",
            "searchpath":
"sqa.local",
            "resourcePool":
"",
            "disabled":
"true"
          }
        },
        {
          "type": "vidm-
secondary",
          "properties": {
            "vmName":
"Nightly_vidm-secondary-28",
            "hostName": "lcm-
vrs-49-28.sqa.local",
            "ip":
"10.198.49.28",

"vidmRootPassword":
"locker:password:2f369425-
9f8f-416e-b921-
dd691a0c31af:VMware-Default-
Password",

"vidmSshPassword":
"locker:password:2f369425-
9f8f-416e-b921-
dd691a0c31af:VMware-Default-
Password",

"vidmSystemAdminPassword":
"locker:password:2f369425a0c3
1af:VMware-Default-Password",
            "isMasterNode":
"false",
            "cluster": "LCM-
Cluster",
            "dns":
"10.141.66.213,10.118.183.252
",
            "diskMode":
"thin",
            "vCenterHost":
"wdc-lcm-vc.sqa.local",
```

```
            "storage":
"vsanDatastore",
            "ntp": null,
            "network": "VM-
Network-1016",

"contentLibraryItemId": null,
            "netmask":
"255.255.254.0",
            "vcUsername":
"administrator@vsphere.local"
,
            "domain":
"sqa.local",
            "timeSyncMode":
null,
            "folderName": "",
            "vcPassword":
"locker:password:2f369425-
9f8f-416e-b921-
dd691a0c31af:VMware-Default-
Password",
            "gateway":
"10.198.49.253",
            "searchpath":
"sqa.local",
            "resourcePool":
"",
            "disabled":
"true"
          }
        },
        {
          "type": "vidm-
connector",
          "properties": {
            "hostName": "lcm-
vrs-49-26.sqa.local",
            "isDomainJoined":
true,
            "domainAdmin":
"",

"domainAdminPassword": "",
            "adminUserName":
"",
            "adminPassword":
"",
            "vmName":
"Nightly_vidm-primary-26",

"vidmConnectorName": "",

"vidmConnectorAdminPassword":
"",
```

"cluster": "LCM-Cluster",
"esxHost": "w3-hs1-050410.eng.vmware.com",
"diskMode": "thin",
"vCenterHost": "wdc-lcm-vc.sqa.local",
"masterTenantId": "LCM-VRS-49-26",
"storage": "vsanDatastore",

"windowsDeployement": "false",
"network": "VM-Network-1016",
"instanceId": "19ce8682-22cf-41f0-80b2-0814a877af32",
"affinityRules": null,
"vcPassword": "locker:password:2f369425-9f8f-416e-b921-dd691af:VMware-Default-Password",
"cpuCount": "2",
"resourcePool": null,
"canBeDeleted": "true",
"esxHostBuild": "15177306",
"ip": "10.198.49.26",
"dns": "10.141.66.213,10.118.183.252",
"ESXI Version": "6.5.0",
"version": "3.3.2",
"domainJoined": "null",
"port": "8443",
"domain": "sqa.local",
"vcUsername": "administrator@vsphere.local",
"folderName": null,
"gateway": "10.198.49.253",

```
            "searchpath":
"sqa.local",
            "disabled":
"true"
          }
        },
        {
          "type": "vidm-
connector",
          "properties": {
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vrs-49-28.sqa.local",
            "isDomainJoined":
true,
            "domainAdmin":
"",

"domainAdminPassword": "",
            "adminUserName":
"",
            "adminPassword":
"",
            "vmName":
"Nightly_vidm-secondary-28",

"vidmConnectorName": "",

"vidmConnectorAdminPassword":
"",
            "cluster": "LCM-
Cluster",
            "esxHost": "w3-
hs1-050411.eng.vmware.com",
            "diskMode":
"thin",
            "vCenterHost":
"wdc-lcm-vc.sqa.local",
            "masterTenantId":
"LCM-VRS-49-26",
            "storage":
"vsanDatastore",

"windowsDeployement":
"false",
            "network": "VM-
Network-1016",
            "instanceId":
"4c463406-c5f3-4ad9-baea-
d4c8d513a9cb",
            "affinityRules":
null,
            "vcPassword":
"locker:password:2f369425-
9f8f-416e-b921-
dd691a0c31af:VMware-Default-
Password",
```

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            "cpuCount": "2",
            "resourcePool":
null,
            "canBeDeleted":
"true",
            "esxHostBuild":
"15177306",
            "ip":
"10.198.49.28",
            "dns":
"10.141.66.213,10.118.183.252
",
            "ESXI Version":
"6.5.0",
            "version":
"3.3.2",
            "domainJoined":
"null",
            "port": "8443",
            "domain":
"sqa.local",
            "vcUsername":
"administrator@vsphere.local"
,
            "folderName":
null,
            "gateway":
"10.198.49.253",
            "searchpath":
"sqa.local",
            "disabled":
"true"
          }
        },
        {
          "type": "vidm-
connector",
          "properties": {
            "hostName": "lcm-
vrs-49-27.sqa.local",
            "isDomainJoined":
true,
            "domainAdmin":
"",

"domainAdminPassword": "",
            "adminUserName":
"",
            "adminPassword":
"",
            "vmName":
"Nightly_vidm-secondary-27",

"vidmConnectorName": "",
```

| | | | |
|---|---|---|---|
| | | "vidmConnectorAdminPassword": "",<br>"cluster": "LCM-Cluster",<br>"esxHost": "w3-hs1-050407.eng.vmware.com",<br>"diskMode": "thin",<br>"vCenterHost": "wdc-lcm-vc.sqa.local",<br>"masterTenantId": "LCM-VRS-49-26",<br>"storage": "vsanDatastore",<br><br>"windowsDeployement": "false",<br>"network": "VM-Network-1016",<br>"instanceId": "550a1d0d-36bc-4434-b7cd-b5844d561f73",<br>"affinityRules": null,<br>"vcPassword": "",<br>"cpuCount": "2",<br>"resourcePool": null,<br>"canBeDeleted": "true",<br>"esxHostBuild": "15177306",<br>"ip": "10.198.49.27",<br>"dns": "10.141.66.213,10.118.183.252",<br>"ESXI Version": "6.5.0",<br>"version": "3.3.2",<br>"domainJoined": "null",<br>"port": "8443",<br>"domain": "sqa.local",<br>"vcUsername": "administrator@vsphere.local",<br>"folderName": null,<br>"gateway": "10.198.49.253",<br>"searchpath": "sqa.local", | |

| | | | |
|---|---|---|---|
| | | "disabled": "true"<br>}<br>}<br>],<br>"properties": {<br>"__vidmHost": "lcm-vrs-49-29.sqa.local",<br>"vidmAdminPassword": "",<br>"syncGroupMembers": true,<br><br>"defaultConfigurationUsername": "configadmin",<br><br>"defaultConfigurationPassword": "",<br>"certificate": "locker:certificate:d37db1be-6e86:lcm-nightly-vidm-cert",<br><br>"contentLibraryItemId": ""<br>}<br>}<br>]<br>}<br><br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>}<br>vRNI<br>Request parameters :<br>environmentId : 3184bdcb-e82a-4bc5-aba5-46dec1d15a7e<br>productId : vrni<br><br><br>Request Body :<br>{<br>"environmentName": "suite_all",<br>"infrastructure": {<br>"properties": {<br>"dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",<br>"regionName": "default",<br>"zoneName": "default", | |

```
      "vCenterName": "LCM-
VC2",
      "vCenterHost": "lcm-
vc2.sqa.local",
      "vcUsername":
"autouser@vsphere.local",
      "vcPassword":
"locker:password:609cb152-
aa53-4466-b17e-
6d2d3f2c17a8:DC1-LCM-VC2-
Import-vCenter",
      "acceptEULA": "true",
      "enableTelemetry":
"true",
      "adminEmail":
"rvishnuvardh@vmware.com",
      "defaultPassword":
"locker:password:a1bb8853-
8ab2-4ac3-b2d4-
c474484f2d36:VMware1!200",
      "certificate":
"locker:certificate:f4e98b92-
cba0-448d-8021-
32f0e625d983:vmware",
      "cluster":
"Datacenter#Cluster-01",
      "storage": "ISCSI-15TB-
04",
      "folderName": "",
      "resourcePool": "",
      "diskMode": "thin",
      "network": "infra-
traffic-1024",
      "masterVidmEnabled":
"false",
      "dns":
"10.141.66.213,10.118.183.252
,10.141.66.220,2.2.2.2",
      "domain": "sqa.local",
      "gateway":
"10.198.49.253",
      "netmask":
"255.255.254.0",
      "searchpath":
"sqa.local",
      "timeSyncMode": "host",
      "ntp": "",
      "isDhcp": "false"
    }
  },
  "products": [
    {
      "id": "vrni",
      "version": "5.0.0",
      "patchHistory": null,
```

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      "snapshotHistory":
null,
      "logHistory": null,
      "clusterVIP": {
        "clusterVips": []
      },
      "nodes": [
        {
          "type": "vrni-
collector",
          "properties": {
            "vmName": "vrni-
collector-2",
            "vrniNodeSize":
"medium",
            "ip": "2.2.2.2"
          }
        },
        {
          "type": "vrni-
platform",
          "properties": {
            "vmName": "vrni-
platform",
            "vrniNodeSize":
"medium",
            "ip":
"10.196.57.68",
            "isMaster":
"true",
            "masterIP":
"10.196.57.68",
            "cluster":
"Datacenter#Cluster-01",
            "dns":
"10.141.66.213,10.118.183.252
,10.141.66.220,2.2.2.2",
            "diskMode":
"thin",
            "vCenterHost":
"lcm-vc2.sqa.local",
            "storage":
"ISCSI-15TB-04",
            "ntp": "",
            "network":
"infra-traffic-1024",
            "netmask":
"255.255.254.0",
            "vcUsername":
"autouser@vsphere.local",
            "domain":
"sqa.local",
            "timeSyncMode":
"host",
            "folderName": "",
```

```
            "vcPassword":
"locker:password:609d3f2c17a8
:DC1-LCM-VC2-Import-vCenter",
            "gateway":
"10.198.49.253",
            "searchpath":
"sqa.local",
            "resourcePool":
"",

"vrniPlatformUserName":
"admin@local",
            "license": null,

"consolePassword":
"locker:password:a1bb-
c474484f2d36:VMware1!200",

"supportPassword":
"locker:password:a1d4-
c474484f2d36:VMware1!200",

"vrniPlatformPassword":
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"supportUserName": "support",
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            "platformIP":
"10.196.57.68",
            "disabled":
"true"
          }
        },
        {
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collector",
          "properties": {
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collector",
            "vrniNodeSize":
"medium",
            "ip":
"10.196.57.68",
            "cluster":
"Datacenter#Cluster-01",
            "dns":
"10.141.66.213,10.118.183.252
,10.141.66.220,2.2.2.2",
            "diskMode":
"thin",
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"lcm-vc2.sqa.local",
```

```
            "storage":
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            "domain":
"sqa.local",
            "timeSyncMode":
"host",
            "folderName": "",
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            "gateway":
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            "searchpath":
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            "resourcePool":
"",

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"consolePassword":
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            "disabled":
"true"
          }
        }
      ],
      "properties": {
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"locker:certificate:f4ed-
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        "productPassword":
"locker:password:a1b2d4-
c474484f2d36:VMware1!200",
        "licenseRef":
"locker:license:eabffc8c-
50e3-4d62-bc21-
643cf0b9cafa:license",
        "ntp": "",
        "affinityRule":
false,

"configureAffinitySeparateAll
": "true",
        "masterVidmEnabled":
false
```

| | | | |
|---|---|---|---|
| | | }<br>}<br>]<br>}<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>} | |
| Delete an Environment | POST | /lcm/lcops/api/v2/environments/{environmentId}<br>Request parameter :<br>environmentId : 3184bdcb-e82a-4bc5-aba5-46dec1d15a7e<br><br>Request body :<br>{<br>"deleteFromInventory": true,<br>"deleteFromVcenter": true,<br>"deleteWindowsVMs": true<br>}<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>} | |
| Trigger Health Check for Environment | POST | /lcm/lcops/api/v2/environments/{environmentId}/health-check<br>Request parameter :<br>environmentId : 3184bdcb-e82a-4bc5-aba5-46dec1d15a7e<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>} | |

| | | | |
|---|---|---|---|
| Enable or Disable Health Check for Environment | POST | /lcm/lcops/api/v2/environments/{environmentId}/health-check/toggle<br>Request parameter :<br>environmentId : 3184bdcb-e82a-4bc5-aba5-46dec1d15a7e<br>toggle : enable<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>} | |
| Trigger Inventory Sync for Environment | POST | /lcm/lcops/api/v2/environments/{environmentId}/inventory-sync<br>Request parameter :<br>environmentId : 3184bdcb-e82a-4bc5-aba5-46dec1d15a7e<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>} | |
| Trigger Inventory Sync for All Environments | POST | /lcm/lcops/api/v2/environments/inventory-sync<br>Response code : 200 OK<br>Response Body :<br>[<br>{<br>"requestId": "35c32b32-aa3b-4cc3-be49-d5e4e703ecbb"<br>},<br>{<br>"requestId": "2d02a889-a406-4c3e-8a6f-599203ff2014"<br>}<br>] | |

| | | | |
|---|---|---|---|
| Validate an Environment | POST | /lcm/lcops/api/v2/environments/pre-validate<br>Request body : "environmentRequestDTO"<br>{<br>"environmentName": "vropsimport",<br>"infrastructure": {<br>"properties": {<br>"cluster": "",<br>"dns": "",<br>"certificate": "",<br>"diskMode": "",<br>"vCenterHost": "",<br>"storage": "",<br>"ntp": "",<br>"vCenterName": "",<br>"network": "",<br>"masterVidmEnabled": "false",<br>"netmask": "",<br>"dataCenterVmid": "d7689aa2-8b4d-4c60-a560-d733a089c558",<br>"vcUsername": "",<br>"domain": "",<br>"enableTelemetry": "true",<br>"folderName": "",<br>"acceptEULA": "false",<br>"vcPassword": "",<br>"gateway": "",<br>"searchpath": "",<br>"defaultPassword": "locker:password:5b9d1a8e-49dc-4137-9f8a-b0c2fbb12fe3:VMware1!",<br>"resourcePool": ""<br>}<br>},<br>"products": [<br>{<br>"id": "vrops",<br>"version": "8.2.0",<br>"patchHistory": "",<br>"snapshotHistory": "[<br>{\n<br>\"snapshotGeneratedTime\" : 1596774385117,\n<br>\"snapshotName\" : \"vrops_ - Fri Aug 07 04:24:22 UTC 2020\",\n<br>\"snapshotWithMemory\" : true\n}, {\n | |

\"snapshotGeneratedTime\" : 1596774817746,\n \"snapshotName\" : \"snapshot2 - Fri Aug 07 04:31:34 UTC 2020\",\n \"snapshotWithMemory\" : true\n} ]",
      "logHistory": "",
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      "nodes": [
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          "type": "master",
          "properties": {
            "hostName": "lcm-34-241.sqa.local",
            "cluster": "LCM-DC#LCM-Cluster-01",
            "vmName": "kbolaj-vidm-primary2412-332",
            "ip": "10.198.34.241",
            "dns": "10.141.66.213,10.118.183.252",
            "diskMode": "thin",
            "timeZone": "",
            "vCenterHost": "lcm-vc.sqa.local",
            "storage": "FC-5TB-new",
            "ntp": "",
            "extendedStorage": "",
            "network": "infra-traffic-1006",
            "contentLibraryItemId": "",
            "netmask": "255.255.254.0",
            "vcUsername": "devuser@vsphere.local",
            "domain": "sqa.local",
            "folderName": "",
            "vcPassword": "locker:password:65b3111f-5512-4915-b68c-d1c0fde2f86e:VC2-password",
            "gateway": "10.198.35.253",
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```
            "resourcePool":
"resgroup-59134 (KiranBolaj)"
          }
        },
        {
          "type": "data",
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            "hostName": "lcm-
34-242.sqa.local",
            "timeZone": "",
            "vmName":
"kbolajData242",
            "storage": "FC-
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"extendedStorage": "",
            "ip":
"10.198.34.242"
          }
        }
      ],
      "properties": {
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        "vropsAdminPassword":
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Y2tlciBDQTEPMA0G\nA1UECgwGVk1
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ZWFsaXplIFN1aXRlIExpZmVjeWNsZ
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ffLszKRYqHVInD\ngHC/BsDe0BEPu
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| | | | |
|---|---|---|---|
| | | BukiBsPO+Sm30Bgw2fDzk4qdmKsI/JGvWfrI631afZWtmCADetI32vNI1/dcSq\ntANg3bac+F7Z0VIkVynSzAIewNkdylh+18MlQ719ah9GKMe5cHAUoM8/lfhDEkFH\njKI5XYMEwOeiZIREX8XDJ5eIZTAKui2LQPuDjUwnzQBF0mGNl2FufimwwBfOx47N\nLlL+5AlHK396NNOydyWTyeEYn357Krp1UTweomvQU55xu4TbYoYVuAfzwy/6IEq0\nP9bsqrn1FYUC8gWrjArwD6cRt1jn7/fmUnh/nJ7HEJDYpN8s0giQjEaCl9rN\n-----END CERTIFICATE-----\n",<br>"__productId": "vrops",<br>"ntp": "lcm-34-241.sqa.local",<br>"masterVidmEnabled": "false",<br>"affinityRule": "false",<br>"__version": "8.2.0",<br>"disableTls": "TLSv1,TLSv1.1",<br>"latestPatchVersion": "8.2.0-16285347",<br>"configureAffinitySeparateAll": "true",<br>"isCaEnabled": "false",<br>"deployOption": "small",<br>"licenseRef": "locker:license:3374f461-9cd6-48a3-893c-3e740bc027d9:vropsimport-vrops-H109R-XXXX-2EUMY"<br>}<br>}<br>]<br>}<br><br>Response code : 200 OK<br>Response body :<br>{<br>"requestId": "870bf666-21ac-447a-a3c5-ec6c3a86d166"<br>} | |

| | | | |
|---|---|---|---|
| Change FIPS mode | POST | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/fips<br>`Request parameters :`<br>`environmentId : a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55`<br>`productId : vrops`<br><br>`Request body :`<br>`"toggleFipsModeDTO"`<br>`{`<br>`  "fipsMode": "true"`<br>`}`<br><br>`Response code : 200 OK`<br>`Response body :`<br>`{`<br>`  "requestId": "870bf666-21ac-447a-a3c5-ec6c3a86d166"`<br>`}` | This API is only for vROPS and VRLI products. |

# Deployed Product Operation APIs

| Name | HTTP Method | Endpoint | Description |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Get Product Details | GET | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}<br>Request parameter :<br>environmentId : 9c88ba3d-23c9-4b6c-8c45-f4338fb0a073<br>productId : vrops<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"id": "vrops",<br>"version": "8.2.0",<br>"patchHistory": null,<br>"snapshotHistory": null,<br>"logHistory": null,<br>"clusterVIP": {<br>"clusterVips": []<br>},<br>"nodes": [<br>{<br>"type": "master",<br>"properties": {<br>"hostName": "lcm-34-241.sqa.local",<br>"cluster": "LCM-Cluster-01",<br>"esxHost": "w3-hs1-050218.eng.vmware.com",<br>"memory": "6",<br>"diskMode": "thin",<br>"vCenterHost": "lcm-vc.sqa.local",<br>"storage": "FC-5TB-new",<br>"network": "infra-traffic-1006",<br>"capacity": "60.2",<br>"affinityRules": null,<br>"vcPassword": "locker:password:f78e6d56-29ed-4e8d-b9fc-f7be8056ba08:VMware@505",<br>"cpuCount": "2",<br>"rootPassword": "locker:password:c3b1c44d-4974-415a-a695-d63476e90ede:VMware1!",<br>"resourcePool": "resgroup-59134 (KiranBolaj)",<br>"vmName": "kbolaj-vidm-primary2412-332",<br>"esxHostBuild": "15169789",<br>"ip": "10.198.34.241", | |

```
        "dns":
"10.141.66.213,10.118.183.252",
        "ESXI Version": "6.0.0",
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        "vcUsername":
"devuser@vsphere.local",
        "folderName": null,
        "gateway":
"10.198.35.253",
        "searchpath":
"sqa.local",
        "deployOption": "small",
        "netmask":
"255.255.254.0",
        "__vMoid": "vm-73323",
        "__verified": "true"
      }
    },
    {
      "type": "data",
      "properties": {
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242.sqa.local",
        "cluster": "LCM-Cluster-
01",
        "esxHost": "w3-hs1-
050123.eng.vmware.com",
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        "storage": "FC-5TB-new",
        "network": "infra-
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        "capacity": "274.0",
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        "cpuCount": "4",
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415a-a695-d63476e90ede:rootpwd",
        "resourcePool":
"resgroup-59134 (KiranBolaj)",
        "vmName":
"kbolajData242",
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"15169789",
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"10.141.66.213,10.118.183.252",
        "ESXI Version": "6.0.0",
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```

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        "deployOption": null,
        "netmask": null,
        "__vMoid": "vm-78152"
      }
    }
  ],
  "properties": {
    "masterVidmHostname": null,
    "vropsAdminPassword":
"locker:password:c3b1c44d-4974-
415a-a695-d63476e90ede:VM!",
    "certificateChain": "-----
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CERTIFICATE-----\n-----BEGIN
CERTIFICATE-----
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fVxxeGjr7CZvOrkV8WYYKKG/F3q+ez9N
6AdYffLszKRYqHVInD\ngHC/BsDe0BEP
u03IFPnkRunl6o2+BoVQ7Fg6hzP23he9
IF0fGY8ispJ4O8j/a4tI\nk7+IsOAVMX
RSr/5YvWWyF2AZHxAs0PYowPdvjjHPU+
HHfR72pVIVntxAUK4t0QMC\nAwEAAaNj
MGEwHQYDVR0OBBYEFLz4m09pNCMIp5Io
hqvsDoI+oIkWMB8GA1UdIwQY\nMBaAFL
z4m09pNCMIp5IohqvsDoI+oIkWMA8GA1
UdEwEB/wQFMAMBAf8wDgYDVR0P\nAQH/
BAQDAgGGMA0GCSqGSIb3DQEBCwUAA4IB
AQCCOku6XDT9EewrQyDp/XGa+dsM\nPn
BukiBsPO+Sm30Bgw2fDzk4qdmKsI/JGv
WfrI631afZWtmCADetI32vNI1/dcSq\n
tANg3bac+F7Z0VIkVynSzAIewNkdylh+
18MlQ719ah9GKMe5cHAUoM8/lfhDEkFH
\njKI5XYMEwOeiZIREX8XDJ5eIZTAKui
2LQPuDjUwnzQBF0mGNl2FufimwwBfOx4
7N\nLlL+5AlHK396NNOydyWTyeEYn357
Krp1UTweomvQU55xu4TbYoYVuAfzwy/6
IEq0\nP9bsqrn1FYUC8gWrjArwD6cRt1
jn7/fmUnh/nJ7HEJDYpN8s0giQjEaCl9
rN\n-----END CERTIFICATE-----
\n",
    "__productId": "vrops",
    "ntp": "lcm-34-
241.sqa.local",
    "masterVidmEnabled":
"false",
    "license": "H109R-40391-
M828D-0PARH-2EUMY,",
    "affinityRule": "false",
```

```
    "__version": "8.2.0",
    "disableTls":
"TLSv1,TLSv1.1",
    "latestPatchVersion":
"8.2.0-16285347",

"configureAffinitySeparateAll":
"true",
    "deployOption": "small",
    "license-1":
"{\"alias\":\"vROPS-vrops-H109R-
XXXX-2EUMY\",\"key\":\"H109R-
40391-M828D-0PARH-
2EUMY\",\"description\":\"VMware
vRealize Suite 2018
Enterprise\",\"quantity\":10,\"u
nit\":\"plu\",\"type\":\"vRealiz
eSuite\",\"account\":null,\"expi
ry\":0,\"status\":\"ACTIVE\",\"o
nPremAllocation\":null,\"startDa
te\":null,\"endDate\":null,\"cas
Id\":null,\"lintId\":null,\"falc
onId\":null,\"productVersionMap\
":{\"vrni\":[],\"vrops\":[\"8.1.
1\",\"8.2.0\",\"8.0.0\",\"8.0.1\
",\"8.1.0\",\"7.5.0\"],\"vra\":[
\"8.2.0\",\"8.0.0\",\"8.0.1\",\"
8.1.0\",\"7.5.0\",\"7.6.0\"],\"v
rbc\":[\"7.5.0\",\"7.6.0\"],\"vr
li\":[\"4.8.0\",\"8.1.1\",\"8.2.
0\",\"8.0.0\",\"8.1.0\"]},\"expi
red\":false}",
    "licenseVmid": "3b2da3c2-
551b-4c5d-b2eb-46dd4b16e525"
  }
}
```

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| Delete a Product | DELETE | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}<br>Request parameter :<br>environmentId : 9c88ba3d-23c9-4b6c-8c45-f4338fb0a073<br>tenantId : <optional><br>productId : vrops<br><br>Request body :<br>{<br>"deleteFromVcenter": true,<br>"deleteWindowsVMs": true,<br>"standalone": true<br>}<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>} | For vSSC delete product API has tenantId as query parameter<br><br>/lcm/lcops/api/v2/environments/{{environmentId}}/products/{{productId}}?tenantId<br><br>tenantId is "Standalone vRASSC" for vSSC standalone deployment |
| Update Product Admin Password | PUT | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/admin-password<br>Request parameter :<br>environmentId : 9c88ba3d-23c9-4b6c-8c45-f4338fb0a073<br>tenantId : <optional><br>productId : vrops<br><br>Request body :<br>"updateAdminPasswordRequestDTO"<br>{<br>"adminPassword": "vrslcm!200",<br>"currentAdminPassword": "vrslcm!"<br>}<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>} | For vSSC admin password change API is<br><br>/lcm/lcops/api/v2/environments/{{environmentId}}/products/{{productId}}/admin-password?tenantId<br><br>tenantId is "Standalone vRASSC" for vSSC standalone deployment |

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| Export Product Configuration (Simple/Advance) | GET | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/configuration<br>**Simple Configuration**<br>Request parameters :<br>environmentId : vRSSmallImportEnvironment1596725174541<br>productId : vra<br>type : simple<br><br>Response code : 200 OK<br>Response body :<br>{<br>"environmentId": "vRSSmallImportEnvironment1596725174541",<br>"environmentName": "vRS Small Import Environment",<br>"environmentHealth": null,<br>"logHistory": null,<br>"environmentStatus": null,<br>"infrastructure": {<br>"properties": {<br>"cluster": "",<br>"dns": "",<br>"diskMode": "",<br>"vCenterHost": "",<br>"storage": "",<br>"ntp": "",<br>"vCenterName": "",<br>"network": "",<br>"masterVidmEnabled": "",<br>"netmask": "",<br>"dataCenterVmid": "",<br>"vcUsername": "",<br>"domain": "",<br>"enableTelemetry": "",<br>"folderName": "",<br>"acceptEULA": "",<br>"vcPassword": "",<br>"gateway": "",<br>"searchpath": "",<br>"defaultPassword": "locker:password:7e4aaf7c-68ad-4336-b066-d85d200e2f7a:Products-Default-Admin-Password",<br>"resourcePool": ""<br>}<br>},<br>"products": [<br>{<br>"id": "vra", | |

```
      "version": "8.0.1",
      "patchHistory": "",
      "snapshotHistory": "",
      "logHistory": "",
      "clusterVIP": null,
      "nodes": [
        {
          "type": "vrava-
primary",
          "properties": {
            "hostName": "lcm2-
187-32.sqa.local",
            "vmName":
"dgnaneswaran_SS_vrava_prelude_S
N",
            "ip":
"10.196.187.32"
          }
        }
      ],
      "properties": {
        "__vraTenantList": "[]",
        "licenseRef":
"locker:license:9590fc80-8efb-
4ac6-b81c-
a179467adc68:CICDSuiteLicense"
      }
    }
  ]
}
```


**Advanced Configuration**

```
Request parameters :
environmentId :
vRSSmallImportEnvironment1596725
174541
productId : vra
type : advanced


Response code : 200 OK
Response body :
```


```
{
  "environmentId":
"vRSSmallImportEnvironment159672
5174541",
  "environmentName": "vRS Small
Import Environment",
  "environmentHealth": null,
  "logHistory": null,
  "environmentStatus": null,
  "infrastructure": {
    "properties": {
      "cluster": "",
      "dns": "",
      "diskMode": "",
      "vCenterHost": "",
```

```
      "storage": "",
      "ntp": "",
      "vCenterName": "",
      "network": "",
      "masterVidmEnabled": "",
      "netmask": "",
      "dataCenterVmid": "",
      "vcUsername": "",
      "domain": "",
      "enableTelemetry": "",
      "folderName": "",
      "acceptEULA": "",
      "vcPassword": "",
      "gateway": "",
      "searchpath": "",
      "defaultPassword":
"locker:password:7e4aaf7c-68ad-
4336-b066-d85d200e2f7a:Products-
Default-Admin-Password",
      "resourcePool": ""
    }
  },
  "products": [
    {
      "id": "vra",
      "version": "8.0.1",
      "patchHistory": "",
      "snapshotHistory": "",
      "logHistory": "",
      "clusterVIP": null,
      "nodes": [
        {
          "type": "vrava-
primary",
          "properties": {
            "hostName": "lcm2-
187-32.sqa.local",
            "cluster":
"ESO_HAAS_WDC_VC07#ESO_VC07_Clus
ter_07",
            "vmName":
"dgnaneswaran_SS_vrava_prelude_S
N",
            "ip":
"10.196.187.32",
            "dns":
"10.141.66.213,10.118.183.252",
            "diskMode": "thin",
            "vCenterHost": "eso-
vc07.eng.vmware.com",
            "storage":
"ESO_VC07_Cluster_07_vsanDatasto
re01",
            "network":
"WDC_HAAS_VM_VLAN1100",
```

```
"contentLibraryItemId": "",
            "netmask": "",
            "vcUsername":
"sampaths.admin@sqa.local",
            "domain":
"sqa.local",
            "folderName": "",
            "vcPassword":
"locker:password:b5c0961c-4c40-
4c6c-9839-b63fda94fce5:ESO-VC-
Password",
            "gateway":
"10.196.187.253",
            "searchpath":
"sqa.local",
            "rootPassword":
"locker:password:7e4aaf7c-68ad-
4336-b066-d85d200e2f7a:Products-
Default-Admin-Password",
            "resourcePool": ""
          }
        }
      ],
      "properties": {
        "__vraTenantList": "[]",
        "licenseRef":
"locker:license:9590fc80-8efb-
4ac6-b81c-
a179467adc68:CICDSuiteLicense"
      }
    }
  ]
}
```

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| Delete Product Data Source | DELETE | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/data-sources<br>**ciscoucs type**<br>Request parameters :<br>environmentId : 222e4502-85c1-4b42-8731-7bd59b9af5e6<br>productId : vrni<br><br>Request body :<br>"updateDataSourcePasswordRequestDTO"<br>{<br>"type": "ciscoucs",<br>"properties": {<br>"dsNickname": "ucs-manager",<br>"proxyIP": "10.158.28.208",<br>"dsUsername": "ucs_user2",<br>"dsPassword": "",<br>"dsIp": "10.40.13.40",<br>"snmpEnabled": "true"<br>}<br>}<br>Response code : 200 OK<br>Response body :<br>{<br>"requestId": "ffe1fc45-b522-4b38-a37f-45115d40d938"<br>}<br>**nsxt type**<br>Request parameters :<br>environmentId : 222e4502-85c1-4b42-8731-7bd59b9af5e6<br>productId : vrni<br><br>Request body :<br>"updateDataSourcePasswordRequestDTO"<br>{<br>"type": "nsxt",<br>"properties": {<br>"dsNickname": "NSXT",<br>"proxyIP": "10.158.28.208",<br>"dsUsername": "admin",<br>"dsPassword": "",<br>"dsNotes": "",<br>"dsIp": "10.158.128.28"<br>}<br>} | Here "nodeType" may vary as "switch", "nsx", "nsxt", "vc", "ciscoucs", etc. |

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| | | Response code : 200 OK<br>Response body :<br>{<br>  "requestId": "ffe1fc45-b522-4b38-a37f-45115d40d938"<br>}<br>**nsx type**<br>Request parameters :<br>environmentId : 222e4502-85c1-4b42-8731-7bd59b9af5e6<br>productId : vrni<br><br>Request body :<br>"updateDataSourcePasswordRequestDTO"<br>{<br>    "type": "nsx",<br>    "properties": {<br>        "dsNickname": "nsx vc1",<br>        "proxyIP": "10.158.28.208",<br>        "dsUsername": "admin",<br>        "vCenterIp": "lcm-vc1.sqa.local",<br>        "dsPassword": "",<br>        "dsIp": "10.196.55.200",<br>        "dsNotes": ""<br>    }<br>}<br><br>Response code : 200 OK<br>Response body :<br>{<br>  "requestId": "ffe1fc45-b522-4b38-a37f-45115d40d938"<br>}<br>**switch type**<br>Request parameters :<br>environmentId : 222e4502-85c1-4b42-8731-7bd59b9af5e6<br>productId : vrni<br><br>Request body :<br>"updateDataSourcePasswordRequestDTO"<br>{<br>    "type": "switch",<br>    "properties": {<br>        "snmpSelected": "",<br>        "dsNickname": "snmp validation",<br>        "switchType": "",<br>        "proxyIP": "10.158.28.208", | |

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| | | "dsUsername": "admin",<br>"dsPassword": "",<br>"dsIp": "10.40.13.36",<br>"dsNotes": "",<br>"snmpEnabled": "true"<br>}<br>}<br><br>Response code : 200 OK<br>Response body :<br>{<br>"requestId": "ffe1fc45-b522-4b38-a37f-45115d40d938"<br>}<br>**vc type**<br>Request parameters :<br>environmentId : 222e4502-85c1-4b42-8731-7bd59b9af5e6<br>productId : vrni<br><br>Request body :<br>"updateDataSourcePasswordRequestDTO"<br>{<br>"type": "vc",<br>"properties": {<br>"dsNickname": "WDC-LCM-test",<br>"proxyIP": "10.158.28.208",<br>"dsUsername": "administrator@vsphere.local",<br>"dsPassword": "locker:password:b332e059-77d3-4923-8b8a-1010b6326484:Vrslcm1!",<br>"dsIp": "wdc-lcm-vc.sqa.local",<br>"dsNotes": "",<br>"dvSwitchList": ""<br>}<br>}<br><br>Response code : 200 OK<br>Response body :<br>{<br>"requestId": "ffe1fc45-b522-4b38-a37f-45115d40d938"<br>} | |

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| Update Product Data Source | PUT | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/data-sources<br>Request parameters :<br>environmentId : 222e4502-85c1-4b42-8731-7bd59b9af5e6<br>productId : vrni<br><br>Request body :<br>"updateDataSourcePasswordRequestDTO"<br>{<br>"dataSourceIpList": [],<br>"newPassword": "",<br>"userNameToUpdate": "admin@local",<br>"properties": {<br>"proxyIP": "10.158.28.208",<br>"dsIp": "10.158.128.28",<br>"dsUsername": "admin",<br>"dsPassword": "locker:password:f1477e9a-5029-4113-a55f-8edd1aacffcf:vrslcm@505",<br>"dsNickname": "NSXT",<br>"nodeType": "nsxt"<br>}<br>}<br><br>Response code : 200 OK<br>Response body :<br>{<br>"requestId": "ffe1fc45-b522-4b38-a37f-45115d40d938"<br>} | Here "nodeType" may vary as "switch", "nsx", "nsxt", "vc", "ciscoucs", etc. |

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| Pre-Validate Product Data Source | POST | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/data-sources/pre-validate<br>Request parameters :<br>environmentId : 222e4502-85c1-4b42-8731-7bd59b9af5e6<br>productId : vrni<br><br>Request body :<br>"updateDataSourcePasswordRequestDTO"<br>{<br>"dataSourceIpList": [],<br>"newPassword": "",<br>"userNameToUpdate": "admin@local",<br>"properties": {<br>"proxyIP": "10.158.28.208",<br>"dsIp": "10.158.128.28",<br>"dsUsername": "admin",<br>"dsPassword": "locker:password:f1477e9a-5029-4113-a55f-8edd1aacffcf:vrslcm@505",<br>"dsNickname": "NSXT",<br>"nodeType": "nsxt"<br>}<br>}<br><br>Response code : 200 OK<br>Response body :<br>{<br>"requestId": "ffe1fc45-b522-4b38-a37f-45115d40d938"<br>} | Here "nodeType" may vary as "switch", "nsx", "nsxt", "vc", "ciscoucs", etc. |

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| Get Deployed Product VMs | GET | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/deployed-vms<br>Request parameters :<br>environmentId : vRSSmallImportEnvironment1596725174541<br>productId : vra<br>getWindowsVms : true<br><br>Response code : 200 OK<br>Response body :<br>[<br>{<br>"hostname": "lcm2-187-32.sqa.local",<br>"vmName": "dgnaneswaran_SS_vrava_prelude_SN",<br>"vCenterHost": "eso-vc07.eng.vmware.com"<br>}<br>] | getWindowsVms can be<br><br>either true or false and is optional parameter.<br><br>For vSSC product deployed product VMs has tenantId as query parameter<br><br>/lcm/lcops/api/v2/environments/{{environmentId}}/products/{{productId}}/deployed-vms?tenantId |
| Check Product Health | POST | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/health-check<br>Request parameter :<br>environmentId : 9c88ba3d-23c9-4b6c-8c45-f4338fb0a073<br>productId : vrops<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>} | |

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| Trigger Inventory Sync for Product | POST | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/inventory-sync<br>Request parameter : environmentId : 9c88ba3d-23c9-4b6c-8c45-f4338fb0a073 productId : vrni Response code : 200 OK Response Body : { "requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c" } | For vSSC Standalone Inventory syncAPI is<br><br>/lcm/lcops/api/v2/environments/{{environmentId}}/products/{{productId}}/inventory-sync?tenantId<br><br>tenantId is "Standalone vRASSC" |
| Update Product Node Password | PUT | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/nodes/{nodeType}<br>Request parameters : environmentId : 0de52c3d-676e-4a20-a64e-ca104c4c3403 productId : vrops tenantId : <optional> nodeType : master<br><br>Request body : "updateNodePasswordRequestDTO" { "currentPassword": "VMware@45", "hostName": "lcm-34-241.sqa.local", "newPassword": "vrslcm!", "userNameToUpdate": "root" }<br><br>Response code : 200 OK Response body : { "requestId": "da964ae2-81dc-45f0-bbec-a3acb37cc028" } | For vSSC node password update<br><br>/lcm/lcops/api/v2/environments/{{environmentId}}/products/{{productId}}/nodes/{{nodeType}}?tenantId<br><br>tenantId is "Standalone vRASSC" for vSSC standalone product |

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| Power Off Product | POST | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/power-off<br>Request parameter :<br>environmentId : 9c88ba3d-23c9-4b6c-8c45-f4338fb0a073<br>productId : vrbc<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>} | |
| Power On Product | POST | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/power-on<br>Request parameter :<br>environmentId : 9c88ba3d-23c9-4b6c-8c45-f4338fb0a073<br>productId : vrbc<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>} | |

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| Get all Product Snapshots | GET | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/snapshots<br>Request parameter :<br>environmentId : 0de52c3d-676e-4a20-a64e-ca104c4c3403<br>productId : vrops<br><br>Response code : 200 OK<br>Response Body :<br>[<br>  {<br>  "snapshotGeneratedTime": 1596774385117,<br>  "snapshotName": "vrops_ - Fri Aug 07 04:24:22 UTC 2020",<br>  "snapshotWithMemory": true<br>  },<br>  {<br>  "snapshotGeneratedTime": 1596774817746,<br>  "snapshotName": "snapshot2 - Fri Aug 07 04:31:34 UTC 2020",<br>  "snapshotWithMemory": true<br>  }<br>] | For vSSC product Snapshot request has tenantId as query parameter<br><br>/lcm/lcops/api/v2/environments/{{environmentId}}/products/{{productId}}/snapshots?tenantId |
| Create a Product Snapshot request | POST | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/snapshots<br>Request parameter :<br>environmentId : 0de52c3d-676e-4a20-a64e-ca104c4c3403<br>tenantId : <optional><br>productId : vrops<br><br>Request body :<br>{<br>  "snapshotPrefix": "snapshot2",<br>  "snapshotWithMemory": true<br>}<br><br>Response code : 200 OK<br>Response Body :<br>{<br>  "requestId": "a3f77209-0005-44b3-9eb5-ac1a1ba19394"<br>} | |

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| Get Product Snaphsot by Name | GET | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/snapshots/{snapshotName}<br>Request parameter :<br>environmentId : 0de52c3d-676e-4a20-a64e-ca104c4c3403<br>productId : vrops<br>snapshotName : snapshot2 - Fri Aug 07 04:31:34 UTC 2020<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"snapshotGeneratedTime": 1596774817746,<br>"snapshotName": "snapshot2 - Fri Aug 07 04:31:34 UTC 2020",<br>"snapshotWithMemory": true<br>} | |
| Revert a Product Snapshot | POST | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/snapshots/{snapshotName}/revert<br>Request parameter :<br>environmentId : 0de52c3d-676e-4a20-a64e-ca104c4c3403<br>productId : vrops<br>snapshotName : snapshot2 - Fri Aug 07 04:31:34 UTC 2020<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId": "2b363f75-1c43-4b7a-af97-27fa76e552fb"<br>} | |

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| Create a Product Upgrade request | POST | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/upgrade<br>vROPS<br>Request Parameters :<br>environmentId : 0de52c3d-676e-4a20-a64e-ca104c4c3403<br>productId : vrops<br><br>Request body :<br>{<br>"productVersion": "7.6.0",<br>"repositoryType": "lcmRepository",<br>"repositoryUrl": "/data/nfsPath/vrops800.pak",<br>"licenseRef" : null<br>}<br><br>Response code : 200 OK<br>Response body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>}<br>vRLI<br>Request Parameters :<br>environmentId : 0de52c3d-676e-4a20-a64e-ca104c4c3403<br>productId : vrli<br><br>Request body :<br>{<br>"productVersion": "8.0.0",<br>"repositoryType": "lcmRepository",<br>"repositoryUrl": "/data/nfsPath/vrli800.pak",<br>"licenseRef" : null<br>}<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>}<br>vRBC<br>Request Parameters :<br>environmentId : 0de52c3d-676e-4a20-a64e-ca104c4c3403 | |

| | | | |
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| | | productId : vrbc<br>Request body :<br>{<br>"productVersion": "7.3.0",<br>"repositoryType": "lcmRepository",<br>"repositoryUrl": "/data/nfsPath/vrbc.pak",<br>"licenseRef" : null<br>}<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>}<br><br>vRA 8.x<br>Request Parameters :<br>environmentId : 0de52c3d-676e-4a20-a64e-ca104c4c3403<br>productId : vra<br><br>Request body :<br>{<br>"productVersion": "8.2.0",<br>"repositoryType": "lcmRepository",<br>"repositoryUrl": "/data/nfsPath/vra820.pak",<br>"licenseRef" : null<br>}<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>}<br>vIDM<br>Request Parameters :<br>environmentId : 0de52c3d-676e-4a20-a64e-ca104c4c3403<br>productId : vra<br><br>Request body :<br>{ | |

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| | | "productVersion": "3.3.0",<br>"repositoryType": "lcmRepository",<br>"repositoryUrl": "/data/nfsPath/vra330.pak",<br>"licenseRef" : null<br>}<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>}<br>vRNI<br>Request Parameters :<br>environmentId : 0de52c3d-676e-4a20-a64e-ca104c4c3403<br>productId : vrni<br><br>Request Body :<br>{<br>"productVersion": "7.6.0",<br>"repositoryType": "lcmRepository",<br>"repositoryUrl": "/data/nfsPath/vrni600.pak",<br>"licenseRef" : null<br>}<br><br>Response code : 200 OK<br>Response Body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>} | |

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| Create a Product Vertical Scale Up request | POST | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/vertical-scale-up<br>vROPS<br>Request parameters :<br>environmentId : b72923d6-9af8-4b6a-b23c-1fed1fd18229<br>productId : vrops<br><br>Request body :<br>{<br>"product": {<br>"id": "vrops",<br>"nodes": [<br>{<br>"type": "master",<br>"properties": {<br>"ip": "10.196.57.77",<br>"requiredCpuCount": "8",<br>"requiredMemory": "8",<br>"requiredCapacity": "8",<br>"extendedStorage": "vSANDATASTORE",<br>"sizingGroup": "large"<br>}<br>},<br>{<br>"type": "data",<br>"properties": {<br>"ip": "10.196.57.86",<br>"requiredCpuCount": "8",<br>"requiredMemory": "8",<br>"requiredCapacity": "8",<br>"sizingGroup": "large",<br>"extendedStorage": "vSANDATASTORE"<br>}<br>}<br>],<br>"properties": {}<br>}<br>}<br><br>Response code : 200 OK<br>Response body : | |

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| | | {<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>}<br>vRLI<br>Request parameters :<br>environmentId : b72923d6-9af8-4b6a-b23c-1fed1fd18229<br>productId : vrli<br><br>Request body :<br>{<br>"product": {<br>"id": "vrli",<br>"nodes": [<br>{<br>"type": "vrli-master",<br>"properties": {<br>"ip": "10.196.57.77",<br>"requiredCpuCount": "8",<br>"requiredMemory": "8",<br>"requiredCapacity": "8",<br>"sizingGroup": "large",<br>"extendedStorage": "vSANDATASTORE"<br>}<br>},<br>{<br>"type": "vrli-worker",<br>"properties": {<br>"ip": "10.196.57.86",<br>"requiredCpuCount": "8",<br>"requiredMemory": "8",<br>"requiredCapacity": "8",<br>"sizingGroup": "large",<br>"extendedStorage": "vSANDATASTORE"<br>}<br>},<br>{ | |

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| | | "type": "vrli-worker",<br>"properties": {<br>"ip": "10.196.57.78",<br><br>"requiredCpuCount": "8",<br><br>"requiredMemory": "8",<br><br>"requiredCapacity": "8",<br><br>"sizingGroup": "large",<br><br>"extendedStorage": "vSANDATASTORE"<br>}<br>}<br>],<br>"properties": {}<br>}<br>}<br><br>Response code : 200 OK<br>Response body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>}<br>vIDM<br>Request parameters :<br>environmentId : globalenvironment<br>productId : vidm<br><br>Request body :<br>{<br>"product": {<br>"id": "vidm",<br>"nodes": [<br>{<br>"type": "vidm-primary",<br>"properties": {<br>"ip": "10.196.57.77",<br><br>"requiredCpuCount": "8",<br><br>"requiredMemory": "8",<br><br>"requiredCapacity": "8",<br>"sizingGroup": "medium", | |

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| | | "extendedStorage": "vSANDATASTORE"<br>}<br>},<br>{<br>"type": "vidm-secondary",<br>"properties": {<br>"ip": "10.196.57.86",<br><br>"requiredCpuCount": "8",<br><br>"requiredMemory": "8",<br><br>"requiredCapacity": "8",<br>"sizingGroup": "medium",<br><br>"extendedStorage": "vSANDATASTORE"<br>}<br>}<br>],<br>"properties": {}<br>}<br>}<br><br>Response code : 200 OK<br>Response body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>}<br>vRNI<br>Request parameters :<br>environmentId : b72923d6-9af8-4b6a-b23c-1fed1fd18229<br>productId : vrni<br><br>Request body :<br><br>Response code : 200 OK<br>Response body :<br>{<br>"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"<br>} | |

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| Pre-Validate Product Vertical Scale Up | POST | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/vertical-scale-up/pre-validate<br>vROPS<br>Request parameters :<br>environmentId : b72923d6-9af8-4b6a-b23c-1fed1fd18229<br>productId : vrops<br><br>Request body :<br>{<br>"product":{<br>"id":"vrops",<br>"nodes":[<br>{<br>"type":"master",<br>"properties":{<br><br>"ip":"10.196.57.69",<br><br>"sizingGroup":"large",<br><br>"requiredCpuCount":"16",<br><br>"requiredMemory":"48",<br><br>"requiredCapacity":"300",<br><br>"extendedStorage":"ISCSI-15TB-02(1)"<br>}<br>},<br>{<br><br>"type":"remotecollector",<br>"properties":{<br><br>"ip":"10.196.57.73",<br><br>"sizingGroup":"smallrc",<br><br>"requiredCpuCount":"16",<br><br>"requiredMemory":"48",<br><br>"requiredCapacity":"300",<br><br>"extendedStorage":"ISCSI-15TB-02(1)"<br>}<br>}<br>],<br>"properties":{ | |

```
      }
   }
}

Response code : 200 OK
Response body :
{
   "requestId": "09bdd493-a22f-
47c7-b9eb-7ead2a3f8116"
}
```

vRLI

```
Request parameters :
environmentId : b72923d6-9af8-
4b6a-b23c-1fed1fd18229
productId : vrli

Request body :
{
   "product":{
      "id":"vrli",
      "nodes":[
         {
            "type":"master",
            "properties":{

"ip":"10.196.57.69",

"sizingGroup":"large",

"requiredCpuCount":"16",

"requiredMemory":"48",

"requiredCapacity":"300",

"extendedStorage":"ISCSI-15TB-02
(1)"
            }
         },
         {
            "type":"worker",
            "properties":{

"ip":"10.196.57.73",

"sizingGroup":"large",

"requiredCpuCount":"16",

"requiredMemory":"48",

"requiredCapacity":"300",
```

"extendedStorage":"ISCSI-15TB-02
(1)"
            }
         }
      ],
      "properties":{

      }
   }
}

Response code : 200 OK
Response body :
{
   "requestId": "09bdd493-a22f-
47c7-b9eb-7ead2a3f8116"
}

vRNI

Request parameters :
environmentId : b72923d6-9af8-
4b6a-b23c-1fed1fd18229
productId : vrni

Request body :
{
   "product":{
      "id":"vrni",
      "nodes":[
         {
            "type":"vrni-
platform",
            "properties":{

"ip":"10.196.57.69",

"sizingGroup":"large",

"requiredCpuCount":"16",

"requiredMemory":"48",

"requiredCapacity":"300",

"extendedStorage":"ISCSI-15TB-02
(1)"
            }
         },
         {
            "type":"vrni-
collector",
            "properties":{

"ip":"10.196.57.73",

| | | | |
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| | | "sizingGroup":"smallrc",<br><br>"requiredCpuCount":"16",<br><br>"requiredMemory":"48",<br><br>"requiredCapacity":"300",<br><br>"extendedStorage":"ISCSI-15TB-02 (1)"<br>}<br>}<br>],<br>"properties":{<br><br>}<br>}<br>}<br><br>Response code : 200 OK<br>Response body :<br>{<br>"requestId": "09bdd493-a22f-47c7-b9eb-7ead2a3f8116"<br>}<br>vIDM<br>Request parameters :<br>environmentId : b72923d6-9af8-4b6a-b23c-1fed1fd18229<br>productId : vidm<br><br>Request body :<br>{<br>"product":{<br>"id":"vidm",<br>"nodes":[<br>{<br>"type":"primary",<br>"properties":{<br><br>"ip":"10.196.57.69",<br><br>"sizingGroup":"large",<br><br>"requiredCpuCount":"16",<br><br>"requiredMemory":"48",<br><br>"requiredCapacity":"300",<br><br>"extendedStorage":"ISCSI-15TB-02 (1)"<br>}<br>}, | |

| | | | |
|---|---|---|---|
| | | {<br>"type":"secondary",<br>"properties":{<br><br>"ip":"10.196.57.73",<br><br>"sizingGroup":"smallrc",<br><br>"requiredCpuCount":"16",<br><br>"requiredMemory":"48",<br><br>"requiredCapacity":"300",<br><br>"extendedStorage":"ISCSI-15TB-02(1)"<br>}<br>}<br>],<br>"properties":{<br><br>}<br>}<br>}<br><br>Response code : 200 OK<br>Response body :<br>{<br>"requestId": "09bdd493-a22f-47c7-b9eb-7ead2a3f8116"<br>} | |

| | | | |
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| Get Interops Matrix for a Product | GET | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/versions/{version}/interops<br>Request parameters :<br>environmentId : b72923d6-9af8-4b6a-b23c-1fed1fd18229<br>productId : vrops<br>version : 8.1.1<br><br>Response body :<br>[<br>  {<br>  "releaseId": 2136,<br>  "major": 6,<br>  "medium": 0,<br>  "minor": 0,<br>  "update": "3",<br>  "productId": 2,<br>  "productName": "VMware vCenter Server",<br>  "version": "6.0.0 U3",<br>  "compatible": "true",<br>  "installedVersion": false,<br>  "newVersion": false<br>  },<br>  {<br>  "releaseId": 2332,<br>  "major": 6,<br>  "medium": 5,<br>  "minor": 0,<br>  "update": "1",<br>  "productId": 2,<br>  "productName": "VMware vCenter Server",<br>  "version": "6.5.0 U1",<br>  "compatible": "true",<br>  "installedVersion": false,<br>  "newVersion": false<br>  },<br>  {<br>  "releaseId": 2433,<br>  "major": 7,<br>  "medium": 4,<br>  "minor": 0,<br>  "update": "0",<br>  "productId": 114,<br>  "productName": "VMware vRealize Automation",<br>  "version": "7.4.0",<br>  "compatible": "true",<br>  "installedVersion": false,<br>  "newVersion": false<br>  },<br>  { | |

```
    "releaseId": 2508,
    "major": 6,
    "medium": 6,
    "minor": 1,
    "update": "0",
    "productId": 100,
    "productName": "VMware
vSAN™",
    "version": "6.6.1",
    "compatible": "true",
    "installedVersion": false,
    "newVersion": false
  },
  {
    "releaseId": 2586,
    "major": 6,
    "medium": 7,
    "minor": 0,
    "update": "0",
    "productId": 100,
    "productName": "VMware
vSAN™",
    "version": "6.7.0",
    "compatible": "true",
    "installedVersion": false,
    "newVersion": false
  },
  {
    "releaseId": 2705,
    "major": 7,
    "medium": 3,
    "minor": 1,
    "update": "0",
    "productId": 114,
    "productName": "VMware
vRealize Automation",
    "version": "7.3.1",
    "compatible": "true",
    "installedVersion": false,
    "newVersion": false
  },
  {
    "releaseId": 2732,
    "major": 6,
    "medium": 5,
    "minor": 0,
    "update": "2",
    "productId": 2,
    "productName": "VMware
vCenter Server",
    "version": "6.5.0 U2",
    "compatible": "true",
    "installedVersion": false,
    "newVersion": false
  },
  {
```

```
    "releaseId": 2736,
    "major": 6,
    "medium": 7,
    "minor": 0,
    "update": "0",
    "productId": 2,
    "productName": "VMware
vCenter Server",
    "version": "6.7.0",
    "compatible": "true",
    "installedVersion": false,
    "newVersion": false
  },
  {
    "releaseId": 2751,
    "major": 6,
    "medium": 6,
    "minor": 1,
    "update": "2",
    "productId": 100,
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vSAN™",
    "version": "6.6.1 U2",
    "compatible": "true",
    "installedVersion": false,
    "newVersion": false
  },
  {
    "releaseId": 2814,
    "major": 7,
    "medium": 5,
    "minor": 0,
    "update": "0",
    "productId": 114,
    "productName": "VMware
vRealize Automation",
    "version": "7.5.0",
    "compatible": "true",
    "installedVersion": false,
    "newVersion": false
  },
  {
    "releaseId": 2818,
    "major": 6,
    "medium": 7,
    "minor": 0,
    "update": "1",
    "productId": 100,
    "productName": "VMware
vSAN™",
    "version": "6.7.0 U1",
    "compatible": "true",
    "installedVersion": false,
    "newVersion": false
  },
  {
```

```
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    "major": 6,
    "medium": 7,
    "minor": 0,
    "update": "1",
    "productId": 2,
    "productName": "VMware
vCenter Server",
    "version": "6.7.0 U1",
    "compatible": "true",
    "installedVersion": false,
    "newVersion": false
  },
  {
    "releaseId": 2928,
    "major": 8,
    "medium": 2,
    "minor": 0,
    "update": "0",
    "productId": 7,
    "productName": "VMware Site
Recovery Manager",
    "version": "8.2.0",
    "compatible": "true",
    "installedVersion": false,
    "newVersion": false
  },
  {
    "releaseId": 3010,
    "major": 6,
    "medium": 4,
    "minor": 4,
    "update": "0",
    "productId": 93,
    "productName": "VMware NSX
for vSphere",
    "version": "6.4.4",
    "compatible": "true",
    "installedVersion": false,
    "newVersion": false
  },
  {
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    "major": 6,
    "medium": 7,
    "minor": 0,
    "update": "2",
    "productId": 2,
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vCenter Server",
    "version": "6.7.0 U2",
    "compatible": "true",
    "installedVersion": false,
    "newVersion": false
  },
  {
```

```
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    "medium": 4,
    "minor": 5,
    "update": "0",
    "productId": 93,
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for vSphere",
    "version": "6.4.5",
    "compatible": "true",
    "installedVersion": false,
    "newVersion": false
  },
  {
    "releaseId": 3286,
    "major": 6,
    "medium": 7,
    "minor": 0,
    "update": "2",
    "productId": 100,
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vSAN™",
    "version": "6.7.0 U2",
    "compatible": "true",
    "installedVersion": false,
    "newVersion": false
  },
  {
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    "medium": 6,
    "minor": 0,
    "update": "0",
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vRealize Automation",
    "version": "7.6.0",
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    "newVersion": false
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    "medium": 0,
    "minor": 0,
    "update": "0",
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vRealize Automation",
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    "newVersion": false
  },
  {
```

```
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    "medium": 5,
    "minor": 0,
    "update": "3",
    "productId": 2,
    "productName": "VMware
vCenter Server",
    "version": "6.5.0 U3",
    "compatible": "true",
    "installedVersion": false,
    "newVersion": false
  },
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    "major": 6,
    "medium": 7,
    "minor": 0,
    "update": "3",
    "productId": 2,
    "productName": "VMware
vCenter Server",
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    "newVersion": false
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    "medium": 0,
    "minor": 0,
    "update": "0",
    "productId": 2,
    "productName": "VMware
vCenter Server",
    "version": "7.0.0",
    "compatible": "true",
    "installedVersion": false,
    "newVersion": false
  },
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    "releaseId": 3608,
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    "medium": 4,
    "minor": 6,
    "update": "0",
    "productId": 93,
    "productName": "VMware NSX
for vSphere",
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    "installedVersion": false,
    "newVersion": false
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  {
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```
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    "medium": 3,
    "minor": 1,
    "update": "0",
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    "productName": "VMware
Identity Manager",
    "version": "3.3.1",
    "compatible": "true",
    "installedVersion": false,
    "newVersion": false
  },
  {
    "releaseId": 3852,
    "major": 8,
    "medium": 1,
    "minor": 0,
    "update": "0",
    "productId": 88,
    "productName": "VMware
vRealize Log Insight",
    "version": "8.1.0",
    "compatible": "true",
    "installedVersion": false,
    "newVersion": false
  },
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    "medium": 0,
    "minor": 1,
    "update": "0",
    "productId": 114,
    "productName": "VMware
vRealize Automation",
    "version": "8.0.1",
    "compatible": "true",
    "installedVersion": false,
    "newVersion": false
  },
  {
    "releaseId": 3968,
    "major": 8,
    "medium": 1,
    "minor": 0,
    "update": "0",
    "productId": 114,
    "productName": "VMware
vRealize Automation",
    "version": "8.1.0",
    "compatible": "true",
    "installedVersion": false,
    "newVersion": false
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  {
```

```
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    "major": 5,
    "medium": 2,
    "minor": 0,
    "update": "0",
    "productId": 285,
    "productName": "vRealize
Network Insight",
    "version": "5.2.0",
    "compatible": "true",
    "installedVersion": false,
    "newVersion": false
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  {
    "releaseId": 4060,
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    "medium": 3,
    "minor": 2,
    "update": "0",
    "productId": 140,
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Identity Manager",
    "version": "3.3.2",
    "compatible": "true",
    "installedVersion": false,
    "newVersion": false
  },
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    "releaseId": 4169,
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    "medium": 3,
    "minor": 0,
    "update": "0",
    "productId": 285,
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Network Insight",
    "version": "5.3.0",
    "compatible": "true",
    "installedVersion": false,
    "newVersion": false
  },
  {
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    "major": 8,
    "medium": 1,
    "minor": 1,
    "update": "0",
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vRealize Log Insight",
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```

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vRealize Log Insight",
    "version": "8.2.0",
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    "installedVersion": false,
    "newVersion": false
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    "productId": 2,
    "productName": "VMware
vCenter Server",
    "version": "7.0.0 U1",
    "compatible": "true",
    "installedVersion": false,
    "newVersion": false
  },
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    "releaseId": 431,
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    "minor": 0,
    "update": "0",
    "productId": 2,
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vCenter Server",
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    "newVersion": false
  },
  {
    "releaseId": 4692,
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    "minor": 0,
    "update": "0",
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vRealize Automation",
    "version": "8.2.0",
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  {
```

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| | | "releaseId": 4733,<br>"major": 6,<br>"medium": 0,<br>"minor": 0,<br>"update": "0",<br>"productId": 285,<br>"productName": "vRealize Network Insight",<br>"version": "6.0.0",<br>"compatible": "true",<br>"installedVersion": false,<br>"newVersion": false<br>},<br>{<br>"releaseId": 695,<br>"major": 6,<br>"medium": 0,<br>"minor": 0,<br>"update": "1",<br>"productId": 2,<br>"productName": "VMware vCenter Server",<br>"version": "6.0.0 U1",<br>"compatible": "true",<br>"installedVersion": false,<br>"newVersion": false<br>},<br>{<br>"releaseId": 998,<br>"major": 6,<br>"medium": 0,<br>"minor": 0,<br>"update": "2",<br>"productId": 2,<br>"productName": "VMware vCenter Server",<br>"version": "6.0.0 U2",<br>"compatible": "true",<br>"installedVersion": false,<br>"newVersion": false<br>}<br>] | |

| | | | |
|---|---|---|---|
| GET product certificate | GET | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/certificates<br>{<br>"vmid": "838bbaf1-593b-47e5-b500-8546740ec94b",<br>"alias": "Wildcard-2048",<br>"key": "PRIVATE KEY****",<br>"certChain": "-----BEGIN CERTIFICATE-----<br>\nMIID1jCCAr6gAwIBAgIGAXOeYcfiMA0GCSqGSIb3DQEBCwUAMFMxMzAxBgNVBAMM\nKnZSZWFsaXplIFN1aXRlIExpZmVjeWNsZSBNYW5hZ2VyIExvY2tlciBDQTEPMA0G\nA1UECgwGVk13YXJlMQswCQYDVQQGEwJJTjAeFw0yMDA3MzAwNjIxMTVaFw0yMjA3\nMzAwNjIxMTVaMGcxFzAVBgNVBAMMDnNxYS5sb2NhbC0yMDQ4MQ0wCwYDVQQLDARj\nbWJ1MQ8wDQYDVQQKDAZ2bXdhcmUxEjAQBgNVBAcMCUJhbmdhbG9yZTELMAkGA1UE\nCAwCS0ExCzAJBgNVBAYTAklOMIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKC\nAQEAqYs6HXqRR0/AeV9xQPCtxFqhZOo0b7AVNba+rngGHGFnYh6FjSXgkcfs61xf\nP/fv4UNAUJXxLlfy1WYuWayY3bA1VcwZhqzTdy9oXaiJQv3q440cx4Ourat1p9cj\nRIHa9ty2E7OiHYhl68Vq6ZQ8ESQPduczVhlD82D+ZlYZ88pjpUcQMsoFtEyi+Hjl\nVt5CScxdKg6wXxpLQjP8i9al07PSA9Dwy9ujLWoEe5meHLY+IUazVWuK/Ra+SN6I\nO5sWDW1uFJUwrD8umn6Ex/Y4SHFYvt6WXRemnkdSg/T/0CPPQaoCB9DgcvKW1U6j\ncC9yehli6as5h9oW/ZP70ArvhQIDAQABo4GbMIGYMB0GA1UdDgQWBBSBtgl0VpEJ\nncmry3/hDaqEua64gDAfBgNVHSMEGDAWgBQRSHSojxwxZyLE5iLiMBeo1AT8NTAW\nBgNVHREEDzANggsqLnNxYS5sb2NhbDAOBgNVHQ8BAf8EBAMCBaAwIAYDVR0lAQH/\nBBYwFAYIKwYBBQUHAwIGCCsGAQUFBwMBMAwGA1UdEwEB/wQCMAAwDQYJKoZIhvcN\nAQELBQADggEBAFyMOB2M4s6FFQ+m67LiEBBkU2x6pl3FQ2SY9jz+0IiZrZi2e4EB\nkRFw5lSRIEEq4PXwsqwrnq/jfEZo/BGtkZXtrLTEHhoau2iVbgWUz9BHcLw7Ld5n\n7ul+WWiy8Kab07RGJ8jb0VuX2SwnQtcUpIP7Vh+RON4kn1AJGK2CtdoxqOGQjpw9\nOqiEEQI1SUHNtnPlAKYvfaURdf4La3C3NAEkL37Xl72TVjp/AB9nVffiUpCVNY3W\njsZHxVBgm+S2zTa2yS2qN/Ru6WcfFkaUws7yx5JGAjszR3PcU/zkBlD7FexKSRd7\ngigsnMbg/OVta5I++KLweWJVUsatF5OIWm4=\n-----END CERTIFICATE-----\n-----BEGIN | |

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    "issuedOn": "2020-07-
30T06:21:15.000+0000",
    "healthy": true
  },
  "certInfo": {
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L=Bangalore, O=vmware, OU=cmbu,
CN=sqa.local-2048",
    "issuer": "C=IN, O=VMware,
CN=vRealize Suite Lifecycle
Manager Locker CA",
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    "algorithm":
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    "keyAlgorithm": "RSA",
    "keyLength": 2048,
    "sha256":
"4b1ccd63fe7f3f7991e859df1aa7997

| | | | |
|---|---|---|---|
| | | ccf94466aefdced60f78dc5c5312a4994",<br>"sha1": "fb3c53a2d4a5049d2e2ff8bf723f9d69d53e742f"<br>}<br>} | |
| Update Product Certificate | PUT | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/certificates/{certificateId}<br>Response<br><br>{<br>"requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"<br>} | For vSSC product update certificate API has tenantId as query parameter<br><br>/lcm/lcops/api/v2/environments/{{environmentId}}/products/{{productId}}/certificates/{{certificateId}}?tenantId |
| Pre-validate Product Certificate Update | POST | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/certificates/{certificateId}/pre-validate<br>Response<br><br>{<br>"requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"<br>} | For vSSC productPre-validate Product Certificate Update has tenantId as query parameter<br><br>/lcm/lcops/api/v2/environments/{{environmentId}}/products/{{productId}}/certificates/{{certificateId}}/pre-validate?tenantId |

| | | | |
|---|---|---|---|
| Get downloaded Product Patch details by ID | GET | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/patches/{patchId}<br>{<br>"extract": true,<br>"metadataId": "vrlcm-vra-8.2.0-8.2.0.13070",<br>"metadataVersion": 1,<br>"patchBundleCreationDate": 1604913916957,<br>"patchCounter": 2,<br>"patchDownloadStatus": "DOWNLOADED",<br>"patchFileName": "vrlcm-vra-8.2.0-8.2.0.13070.patch",<br>"patchId": "600be72d-d367-4ec6-97df-7653g35a8839",<br>"patchInfo": {<br>"additionaInfo": {},<br>"category": "bugfix",<br>"description": "vRSLCM wrapped vRealize Automation, version 8.2.0.13070 Patch1",<br>"eulaFile": "string",<br>"kbUrl": "https://kb.vmware.com/kb/1234",<br>"name": "vRealize Automation, version 8.2.0.13070",<br>"releaseDate": 1604913174412,<br>"releaseType": "patch",<br>"summary": "vRSLCM wrapped vRealize Automation, version 8.2.0.13070 Patch1",<br>"urgency": "critical"<br>},<br>"patchRunningCounter": 1,<br>"patchSha256sum": "77ddcbf07c1400ec40579aafb20847c95a145054d55d677292546f8a3570ec78",<br>"patchSize": 6010020858,<br>"patchStatus": "ACTIVE",<br>"payload": {<br>"patchPayloadFilename": "Prelude_VA-8.2.0.13070-17018655-updaterepo.iso",<br>"patchPayloadSize": 107257098,<br>"patchPayloadUri": "string",<br>"productMinorLevel": "8.2.0.13070",<br>"productPatchLevel": "HF1", | |

| | | | |
|---|---|---|---|
| | | "sha256sum": "e2e884007h8f6d404a2e85d25b40abb268599cd3c4f558344a7d6b78d2240b02"<br>},<br>"product": {<br>"additionaInfo": {},<br>"productBuild": "<product build number>",<br>"productId": "vra",<br>"productName": "vRealize Automation",<br>"productPatchBuild": "<product patch build number>",<br>"productVersion": "8.2.0",<br>"supportedVersions": [<br>"8.2.0"<br>]<br>},<br>"selfPatch": false<br>} | |
| Apply Product Patch | POST | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/patches/{patchId}<br>{<br>"requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"<br>} | |
| Validate Product Patch request | POST | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/patches/{patchId}/pre-validate<br>{<br>"requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"<br>} | |
| Get Interops Matrix for a Product | GET | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/versions/{version}/interops<br>[] | |

# Log Bundle Operation APIs

**What are log bundles?**

These are support bundles which have collective dignostic information of vRSLCM System.

**When to generate?**

These can be generated for Environment or Products if any issues occured w.r.t. any operation services such as-  deployments, upgrades, patching or any other life cycle operations.

**Prerequisites :**

User should be on v8.4 of vRSLCM

**Below steps are followed -**

| Name | HTTP Method | Endpoint | Description |
|---|---|---|---|
| Generate Environment log bundle | POST | /lcm/lcops/api/v2/environments/{environmentId}/log-bundles<br>`Request Parameters :`<br>`environmentId : dc302831-8232-4820-9479-6921edb86cf7`<br><br>`Response code : 200 OK`<br>`Response body :`<br>`{`<br>`  "requestId": "4388a82c-fb13-488e-ac32-dc5abac4abec"`<br>`}` | |

| | | | |
|---|---|---|---|
| Get all Environment log bundle | GET | /lcm/lcops/api/v2/environments/{environmentId}/log-bundles<br>Request Parameters :<br>environmentId : dc302831-8232-4820-9479-6921edb86cf7<br><br>Response code : 200 OK<br>Response body :<br>[<br>{<br>"logGeneratedTime": 1607335811069,<br>"logLocation": "https://lcm-15-96.eng.vmware.com/repo/logBundleRepo/environment/dc302831-8232-4820-9479-6921edb86cf7/log-dc302831-8232-4820-9479-6921edb86cf7-1607335811069.tar.gz"<br>},<br>{<br>"logGeneratedTime": 1607335868688,<br>"logLocation": "https://lcm-15-96.eng.vmware.com/repo/logBundleRepo/environment/dc302831-8232-4820-9479-6921edb86cf7/log-dc302831-8232-4820-9479-6921edb86cf7-1607335868688.tar.gz"<br>}<br>] | |
| Generate Product log bundle | POST | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/log-bundles<br>Request Parameters :<br>environmentId : dc302831-8232-4820-9479-6921edb86cf7<br>productId : vrops<br><br>Response code : 200 OK<br>Response body :<br>{<br>"requestId": "4388a82c-fb13-488e-ac32-dc5abac4abec"<br>} | For vSSC product logbundle , api has tenantId as query parameter<br><br>/lcm/lcops/api/v2/environments/{{environmentId}}/products/{{productId}}/log-bundles?tenantId |

| | | | |
|---|---|---|---|
| Get all Product log bundles | GET | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/log-bundles<br>Request Parameters :<br>environmentId : dc302831-8232-4820-9479-6921edb86cf7<br>productId : vrops<br><br>Response code : 200 OK<br>Response body :<br>[<br>  {<br>  "logGeneratedTime": 1607335505248,<br>  "logLocation": "https://lcm-15-96.eng.vmware.com/repo/logBundleRepo/environment/dc302831-8232-4820-9479-6921edb86cf7/vrops/log-dc302831-8232-4820-9479-6921edb86cf7-1607335505248.tar.gz"<br>  }<br>] | |

# Product Patch Operation APIs

| Name | HTTP Method | Endpoint | Description |
|---|---|---|---|
| Check Patches online | POST | /lcm/lcops/api/v2/settings/patch-binaries<br>Response code : 200 OK<br>Response body :<br>{<br>  "requestId": "4c574702-7fd9-4d1b-bb2a-ef8da2a5d371"<br>} | |

| | | | |
|---|---|---|---|
| Get all Patch binaries | GET | /lcm/lcops/api/v2/settings/patch-binaries<br>Response code : 200 OK<br>Response body :<br>[<br>  {<br>  "patchInfo": {<br>  "name": "vRealize Automation, version 7.5.0 - HF20",<br>  "summary": "vRSLCM wrapped vRealize Automation, version 7.5.0 - HF20 Patch",<br>  "description": "vRSLCM wrapped vRealize Automation, version 7.5.0 - HF20 Patch",<br>  "kbUrl": "https://kb.vmware.com/s/article/60310",<br>  "eulaFile": null,<br>  "category": "bugfix",<br>  "urgency": "critical",<br>  "releaseType": "patch",<br>  "releaseDate": 1597145483230,<br>  "additionaInfo": {}<br>  },<br>  "metadataId": "vrlcm-vra-7.5.0-HF20",<br>  "metadataVersion": "1",<br>  "patchId": "406d5db9-ef98-404f-8fc6-c43c22027ebe",<br>  "patchBundleCreationDate": 1597145699473,<br>  "selfPatch": false,<br>  "product": {<br>  "productId": "vra",<br>  "productName": "vRealize Automation",<br>  "productVersion": "7.5.0",<br>  "supportedVersions": [<br>  "7.5.0"<br>  ],<br>  "productBuild": null,<br>  "productPatchBuild": null,<br>  "additionaInfo": {}<br>  },<br>  "payload": {<br>  "productPatchLevel": "HF20", | |

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      "productMinorLevel": null
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  {
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      "description": "vRSLCM wrapped vRealize Automation, version 7.5.0 - HF21 Patch",
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      "eulaFile": null,
      "category": "bugfix",
      "urgency": "critical",
      "releaseType": "patch",
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      "additionaInfo": {}
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    "metadataVersion": "1",
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      ],
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      "additionaInfo": {}
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    "patchDownloadStatus": "NOTAVAILABLE",
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version 7.6.0 - HF17 Patch",
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wrapped vRealize Automation,
version 7.6.0 - HF17 Patch",
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      "eulaFile": null,
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      "urgency": "critical",
      "releaseType": "patch",
      "releaseDate":
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      "additionaInfo": {}
    },
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    "metadataVersion": "1",
    "patchId": "54533a9d-
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"patchBundleCreationDate":
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    "selfPatch": false,
    "product": {
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      "productName":
"vRealize Automation",
      "productVersion":
"7.6.0",
      "supportedVersions": [
        "7.6.0"
      ],
      "productBuild": null,
      "productPatchBuild":
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      "additionaInfo": {}
    },
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      "patchPayloadFilename":
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      "patchPayloadUri":
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      "patchPayloadSize":
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      "sha256sum":
"5913fdf75228b7b47956fa0c2384
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d2babff",
      "productMinorLevel":
null
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```
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    "patchStatus": "ACTIVE",
    "patchDownloadStatus":
"NOTAVAILABLE",
    "extract": false,
    "patchCounter": "17"
  },
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version 7.6.0 - HF18 Patch",
      "description": "vRSLCM
wrapped vRealize Automation,
version 7.6.0 - HF18 Patch",
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version 8.0.1.7553 Patch5",
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version 8.1.0.9465 Patch1",
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version 8.1.0.9583 Patch2",
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version 8.1.0.9583 Patch2",
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version 8.1.0.9712 Patch3",
      "description": "vRSLCM
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version 8.1.0.9712 Patch3",
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      "eulaFile": null,
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    "extract": true,
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      "description": "vRSLCM wrapped vRealize Automation, version 8.2.0.13070 Patch1",
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      "eulaFile": null,
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Network Insight - Chrome 71
support",
      "summary": "vRealize
Network Insight - Chrome 71
support patch",
      "description": "This
patch fixes the issue where
vRealize Network Insight UI
is not accessible from Chrome
version 71 and above.",
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      "kbUrl":
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cle/60368",
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      "urgency": "critical",
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      "productMinorLevel":
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Network Insight, version
5.2.0-P1 patch",
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Insight, version 5.2.0-P1
patch",
      "description": "vRSLCM
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Insight, version 5.2.0-P1
patch",
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cle/78681",
      "eulaFile": null,
      "category": "bugfix",
      "urgency": "critical",
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    "patchDownloadStatus":
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    "extract": false,
    "patchCounter": null
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Operations, version 7.0 -
Security Fix 1",
      "summary": "Security
Fix for vRealize Operations
Manager 7.0",
      "description": "The
vRealize Operations Manager
7.0 Security Fix 1 is a
public Security Fix that
addresses security concerns
with the internal scripts of
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vRealize Operations Manager. Applying the Security Fix will give ownership of the scripts to the root user from the admin user.",
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      "eulaFile": "",
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      "urgency": "critical",
      "releaseType": "patch",
      "releaseDate": 1545136200000,
      "additionaInfo": {}
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      "productVersion": "7.0.0",
      "supportedVersions": [
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      "additionaInfo": {}
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      "productMinorLevel": null

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    "patchCounter": null
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Manager, version 7.5.0 - HF1
- Flex License support and
bug fixes",
      "description": "vRSLCM
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Manager, version 7.5.0 - HF1
- Flex License support and
bug fixes",
      "kbUrl": "",
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    "extract": false,
    "patchCounter": null
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version 4.8.0 - HF1 - Flex
License support and bug
fixes",
      "description": "vRSLCM
wrapped vRealize Log Insight,
version 4.8.0 - HF1 - Flex
License support and bug
fixes",
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    "metadataVersion": "1",
    "patchId": "316dac80-
99b9-43c1-8360-0d29f04af4c4",

"patchBundleCreationDate":
1582890916346,
    "selfPatch": false,
    "product": {
      "productId": "vrli",
      "productName":
"vRealize Log Insight",
      "productVersion":
"4.8.0",
      "supportedVersions": [
        "4.8.0"
      ],
      "productBuild": null,
      "productPatchBuild":
null,
      "additionaInfo": {
        "policyJar":
"logs.jar"
      }
    },
    "payload": {
      "productPatchLevel":
"HF1",
      "patchPayloadFilename":
"VMware-vRealize-Log-Insight-
4.8.0-15682814.pak",
      "patchPayloadUri":
null,
      "patchPayloadSize":
750223360,
      "sha256sum":
"87b68cc97395addca98bd2308ff2
e3f356d89407e9d069c9b7ec9ba04
860d93d",
      "productMinorLevel":
null
    },
    "patchFileName": "vrlcm-
vrli-4.8.0-HF1.patch",
    "patchSize": 758109570,
    "patchSha256sum":
"997a851e1efd06af1c89d00d672c
1fe3fd83bbbf88d2aaa074b877d45
f1a8312",
    "patchRunningCounter": 1,
```

| | | | |
|---|---|---|---|
| | | "patchStatus": "ACTIVE",<br>"patchDownloadStatus": "NOTAVAILABLE",<br>"extract": false,<br>"patchCounter": null<br>}<br>] | |
| Download a Patch binary | POST | /lcm/lcops/api/v2/settings/patch-binaries/download<br>Request Body : "patchDownloadRequestDTO"<br>{<br>"patchId": "dd55fc43-7603-403f-b994-ff71067ce9d5",<br>"productId": "vra",<br>"productVersion": "8.0.1"<br>}<br><br>Response code : 200 OK<br>Response body :<br>{<br>"requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"<br>} | |

| | | | |
|---|---|---|---|
| Get all downloaded Patch binaries | GET | /lcm/lcops/api/v2/settings/patch-binaries/download<br>Response code : 200 OK<br>Response body :<br>[<br>{<br>"patchInfo": {<br>"name": "vRealize Automation, version 8.1.0.9465",<br>"summary": "vRSLCM wrapped vRealize Automation, version 8.1.0.9465 Patch1",<br>"description": "vRSLCM wrapped vRealize Automation, version 8.1.0.9465 Patch1",<br>"kbUrl": "https://kb.vmware.com/kb/79170",<br>"eulaFile": null,<br>"category": "bugfix",<br>"urgency": "critical",<br>"releaseType": "patch",<br>"releaseDate": 1592395447924,<br>"additionaInfo": {}<br>},<br>"metadataId": "vrlcm-vra-8.1.0-8.1.0.9465",<br>"metadataVersion": "1",<br>"patchId": "9c8812d5-63e3-4001-ac28-be7a7b67defc",<br>"patchBundleCreationDate": 1592395674603,<br>"selfPatch": false,<br>"product": {<br>"productId": "vra",<br>"productName": "vRealize Automation",<br>"productVersion": "8.1.0",<br>"supportedVersions": [<br>"8.1.0"<br>],<br>"productBuild": null,<br>"productPatchBuild": null,<br>"additionaInfo": {}<br>},<br>"payload": {<br>"productPatchLevel": "8.1.0.9465", | |

```
      "patchPayloadFilename": "Prelude_VA-8.1.0.9465-16413777-updaterepo.iso",
      "patchPayloadUri": null,
      "patchPayloadSize": 6035322880,
      "sha256sum": "61ca8aa6a4bccd4c3f49dfd0632e89b624cff71184ac2fd0df383b4efbe6b157",
      "productMinorLevel": null
    },
    "patchFileName": "vrlcm-vra-8.1.0-8.1.0.9465.patch",
    "patchSize": 5969014563,
    "patchSha256sum": "2478a3d54f8dafd16e6de8af796ba2db598a5ccbdce9351291f687d06b68aec3",
    "patchRunningCounter": 1,
    "patchStatus": "ACTIVE",
    "patchDownloadStatus": "DOWNLOADED",
    "extract": true,
    "patchCounter": "1"
  },
  {
    "patchInfo": {
      "name": "vRealize Automation, version 8.2.0.13070",
      "summary": "vRSLCM wrapped vRealize Automation, version 8.2.0.13070 Patch1",
      "description": "vRSLCM wrapped vRealize Automation, version 8.2.0.13070 Patch1",
      "kbUrl": "https://kb.vmware.com/kb/81396",
      "eulaFile": null,
      "category": "bugfix",
      "urgency": "critical",
      "releaseType": "patch",
      "releaseDate": 1604913178412,
      "additionaInfo": {}
    },
    "metadataId": "vrlcm-vra-8.2.0-8.2.0.13070",
    "metadataVersion": "1",
    "patchId": "600be72f-d367-4ec6-97df-7653f35a8839",
```

```
"patchBundleCreationDate":
1604913916957,
    "selfPatch": false,
    "product": {
      "productId": "vra",
      "productName":
"vRealize Automation",
      "productVersion":
"8.2.0",
      "supportedVersions": [
        "8.2.0"
      ],
      "productBuild": null,
      "productPatchBuild":
null,
      "additionaInfo": {}
    },
    "payload": {
      "productPatchLevel":
"8.2.0.13070",
      "patchPayloadFilename":
"Prelude_VA-8.2.0.13070-
17151459-updaterepo.iso",
      "patchPayloadUri":
null,
      "patchPayloadSize":
6960089088,
      "sha256sum":
"4c7d8874ed62e1b952409b5662a0
469f62f8711a83d4b533d3f21639f
e3f31f5",
      "productMinorLevel":
null
    },
    "patchFileName": "vrlcm-
vra-8.2.0-8.2.0.13070.patch",
    "patchSize": 6892217601,
    "patchSha256sum":
"cacf7a53995465752211e439dc59
4f77dd1415721f23500fe97cc8a21
baa20dc",
    "patchRunningCounter": 1,
    "patchStatus": "ACTIVE",
    "patchDownloadStatus":
"DOWNLOADED",
    "extract": true,
    "patchCounter": "1"
  }
]
```

| | | | |
|---|---|---|---|
| Delete a Patch binary | DELETE | /lcm/lcops/api/v2/settings/patch-binaries<br>Request Body : "patchDownloadRequestDTO"<br>{<br>"patchId": "dd55fc43-7603-403f-b994-ff71067ce9d5",<br>"productId": "vra",<br>"productVersion": "8.0.1"<br>}<br><br>Response code : 200 OK<br>Response body :<br>{<br>"requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"<br>} | |
| Get Patch binaries from source location | POST | /lcm/lcops/api/v2/settings/patch-binaries/source<br>Request body : "genericSettingsSourceConfigDTO"<br>{<br>"sourceLocation": "/data"<br>}<br><br>Response code : 200 OK<br>Response body :<br>[<br>{<br>"filePath": "/data/vrlcm-vra-8.1.0-8.1.0.9712.patch",<br>"name": "vrlcm-vra-8.1.0-8.1.0.9712.patch"<br>}<br>] | |

| | | | |
|---|---|---|---|
| Import a Patch binary from source location | POST | /lcm/lcops/api/v2/settings/patch-binaries/import<br>Request body : "genericSettingsSourceConfigDTO"<br>{<br>"filePath": "/data/vrlcm-vra-8.1.0-8.1.0.9712.patch",<br>"name": "vrlcm-vra-8.1.0-8.1.0.9712.patch"<br>}<br><br>Response code : 200 OK<br>Response body :<br>{<br>"requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"<br>} | |
| Get all Patch Ova binaries | GET | /lcm/lcops/api/v2/settings/patch-ova-binaries<br>Response code : 200 OK<br>Response body :<br>[<br>{<br>"productId": "vra",<br>"productVersion": "8.2.0.12959",<br>"productBinaryPath": "Prelude_VA-8.2.0.12959-17018654_OVF10.ova",<br>"productName": "vRealize Automation",<br>"buildNumber": "17018654"<br>}<br>] | |

| | | | |
|---|---|---|---|
| Get Patch Ova binaries from source location | POST | /lcm/lcops/api/v2/settings/patch-ova-binaries/source<br>Request body :<br>{<br>"sourceLocation": "/data"<br>}<br><br>Response code : 200 OK<br>Response body :<br>[<br>{<br>"filePath": "/data/vrlcm-vra-8.2.0-8.2.0.12959.ovabundle",<br>"name": "vrlcm-vra-8.2.0-8.2.0.12959.ovabundle"<br>}<br>] | |
| Import a Patch Ova binary from source location | POST | /lcm/lcops/api/v2/settings/patch-ova-binaries/import<br>Request body :<br>{<br>"filePath": "/data/vrlcm-vra-8.2.0-8.2.0.12959.ovabundle",<br>"name": "vrlcm-vra-8.2.0-8.2.0.12959.ovabundle"<br>}<br>Response code : 200 OK<br>Response body :<br>{<br>"requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"<br>} | |

| | | | |
|---|---|---|---|
| Delete a Patch Ova binary | DELETE | /lcm/lcops/api/v2/settings/patch-ova-binaries<br>Request body :<br>{<br>"productId": "vra",<br>"productVersion": "8.2.0.12959",<br>"productBinaryPath": "Prelude_VA-8.2.0.12959-17018654_OVF10.ova",<br>"productName": "vRealize Automation",<br>"buildNumber": "17018654"<br>}<br>Response code : 200 OK<br>Response body :<br>{<br>"requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"<br>} | |

# System Patches and PSPacks APIs

**What are Patches?**

These will have bug fixes for vRSLCM product. User can apply the new patch whenever the vRSLCM patches are GA.

**What are PSPacks?**

These will have version support for vRSLCM product. User can apply the pspack whenever the vRSLCM pspacks are GA.

**Prerequisites :**

User should be on v8.4 of vRSLCM

**Below steps are followed -**

| Name | HTTP Method | Endpoint | Description |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Apply Patch to vRSLCM | POST | /lcm/lcops/api/v2/system-patch/{patchId}<br>Request parameter :<br>patchId : 5ec0dc02-1db2-4d77-a75a-9ed162742df9<br><br>Response code : 200 OK<br>Response body :<br>{<br>"requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"<br>} | Check patch-binaries online and download for vRSLCM. |
| Get vRSLCM patch history | GET | /lcm/lcops/api/v2/system-patch/history<br>Response code : 200 OK<br>Response body :<br>[<br>{<br>"productPatchLevel": "PATCH1",<br>"appliedOn": "Dec 16, 2020, 9:24:09 AM",<br>"summary": "Cumulative patch bundle for vRealize Suite Lifecycle Manager",<br>"category": "bugfix",<br>"urgency": "critical",<br>"description": "This cumulative patch bundle provides fixes to issues observed with various vRealize Suite Lifecycle Manager components. Refer the associated docUrl for more details.",<br>"kbUrl": "https://docs.vmware.com/en/VMware-vRealize-Lifecycle-Manager/8.3.0/rn/vRealize-Lifecycle-Manager-830-Patch-1.html"<br>}<br>] | |

| | | | |
|---|---|---|---|
| Get current System Patch information | GET | /lcm/lcops/api/v2/system-patch/information<br>Response code : 200 OK<br>Response body :<br>{<br>"productPatchLevel": "PATCH1",<br>"appliedOn": "Dec 16, 2020, 9:24:09 AM",<br>"summary": "Cumulative patch bundle for vRealize Suite Lifecycle Manager",<br>"category": "bugfix",<br>"urgency": "critical",<br>"description": "This cumulative patch bundle provides fixes to issues observed with various vRealize Suite Lifecycle Manager components. Refer the associated docUrl for more details.",<br>"kbUrl": "https://docs.vmware.com/en/VMware-vRealize-Lifecycle-Manager/8.3.0/rn/vRealize-Lifecycle-Manager-830-Patch-1.html"<br>} | |

| | | | |
|---|---|---|---|
| Get all PSPacks | GET | /lcm/lcops/api/v2/system-pspack<br>Response code : 200 OK<br>Response body :<br>[<br>  {<br>  "policyVersion": "8.3.0.1",<br>  "fileName": "ONLINE-vrlcm-8.3.0-PSPACK1",<br>  "isCurrentVersion": null,<br>  "patchLevelRequired": null,<br>  "pspackId": "6edcb254-4a29-4a02-b2f7-b2b42ca84bf4",<br>  "policyVersionDetailsList": [<br>  {<br>  "productId": "vrlcm",<br>  "versions": []<br>  },<br>  {<br>  "productId": "vidm",<br>  "versions": [<br>  "3.3.3"<br>  ]<br>  },<br>  {<br>  "productId": "vra",<br>  "versions": [<br>  "8.1.0",<br>  "8.2.0",<br>  "8.3.0"<br>  ]<br>  },<br>  {<br>  "productId": "vrli",<br>  "versions": [<br>  "8.1.1",<br>  "8.2.0",<br>  "8.3.0"<br>  ]<br>  },<br>  {<br>  "productId": "vrni",<br>  "versions": [<br>  "6.0.0",<br>  "6.1.0"<br>  ]<br>  },<br>  {<br>  "productId": "vrops",<br>  "versions": [<br>  "8.1.1",<br>  "8.2.0",<br>  "8.3.0"<br>  ]<br>  },<br>  { | |

| | | | |
|---|---|---|---|
| | | "productId": "vrbc",<br>"versions": [<br>"7.6.0",<br>"7.5.0"<br>]<br>},<br>{<br>"productId": "vssc",<br>"versions": [<br>"8.3.0"<br>]<br>}<br>]<br>}<br>] | |
| Check PSPacks online | POST | /lcm/lcops/api/v2/system-pspack<br>Response code : 200 OK<br>Response body :<br>{<br>"requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"<br>} | |
| Apply System PSPack | POST | /lcm/lcops/api/v2/system-pspack/{pspackId}<br>Request parameter :<br>pspackId : 6edcb254-4a29-4a02-b2f7-b2b42ca84bf4<br><br>Response code : 200 OK<br>Response body :<br>{<br>"requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"<br>} | |
| Import a PSPack | POST | /lcm/lcops/api/v2/system-pspack/import<br>Request parameter :<br>file : vrlcm-8.3.0-PSPACK1.pspak<br><br>Response code : 200 OK<br>Response body :<br>{<br>"requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"<br>} | Select the file to upload and wait for file to get uploaded. |

# vRSLCM Mangement Operation APIs

| Name | HTTP Method | Endpoint | Description |
|---|---|---|---|
| Trigger vRSLCM system snapshot | POST | /lcm/lcops/api/v2/system-snapshot<br>Request body : "vCeneterRequestDTO"<br>{<br>"vCenterHost": "lcm-vcenter.sqa.local",<br>"vCenterName": "lcm-vcenter.sqa.local",<br>"vcPassword": "VMware@200",<br>"vcUsedAs": "MANAGEMENT",<br>"vcUsername": "vcenter@vsphere.local"<br>}<br><br>Response code : 200 OK<br>Response body :<br>{<br>"requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"<br>} | |
| Upgrade vRSLCM system | POST | /lcm/lcops/api/v2/system-upgrade<br>Request body : "lcmUpgradeRequestDTO"<br>{<br>"repositoryType": "url",<br>"repositoryUrl": "http://build-squid.eng.vmware.com/build/mts/release/bora-17474547/publish/exports/Update_Repo/",<br>"repositoryUserName": "",<br>"repositoryPassword": "",<br>"actionType": "check"<br>}<br><br>Response code : 200 OK<br>Response body :<br>{<br>"upgradeResponse": "Checking for available updates, this process can take a few minutes...\n..\nAvailable Updates - \n 8.3.0.8 Build 17474547"<br>} | |

| | | | |
|---|---|---|---|
| Check vRSLCM upgrade status | GET | /lcm/lcops/api/v2/system-upgrade<br>Response code : 200 OK<br>Response body :<br>{<br>"status": "SUCCESS",<br>"progressDetails": null,<br>"rebootRequired": false<br>} | |
| Get vRSLCM upgrade history | GET | /lcm/lcops/api/v2/system-upgrade/history<br>Response code : 200 OK<br>Response body :<br>[<br>{<br>"versionUpgradedFrom": " 8.2.0.23 ",<br>"versionUpgradedTo": " 8.3.0.8 ",<br>"upgradeTimeStamp": "Tue Jan 19 09:36:11 UTC 2021"<br>}<br>] | |

# Request Operation APIs

| Name | HTTP Method | Endpoint | Description |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Get all requests | GET | /lcm/request/api/v2/requests<br>Response code : 200 OK<br>Response Body :<br><br>[<br>  {<br>  "vmid": "8c193290-4353-4ef0-9406-54b1e44cc9d8",<br>  "transactionId": null,<br>  "requestName": "lcmgenricsetting",<br>  "requestReason": "Get Generic Settings",<br>  "requestType": "lcmgenricsetting",<br>  "requestSource": null,<br>  "requestSourceType": "system",<br>  "inputMap": {<br>  "method": "GET",<br>  "settingsName": "systemsettings",<br>  "settingsData": null<br>  },<br>  "outputMap": {},<br>  "state": "COMPLETED",<br>  "executionId": "e53ba5c9-1f6a-4cda-8ba6-6d6274441900",<br>  "executionPath": "{\"vmid\":\"9fd9ffc2-d7eb-4d86-a66a-ed1c9fd80794\",\"symbolicName\":\"f0d47c64-2f71-490d-aeeb-667162a07dd7\",\"acceptEula\":true,\"variables\":{},\"products\":[{\"symbolicName\":\"lcmgenricsetting\",\"symbolicNameTxt\":null,\"productVersion\":null,\"priority\":0,\"dependsOn\":[],\"components\":[{\"component\":{\"symbolicName\":\"lcmgenricsetting\",\"type\":null,\"componentVersion\":null}}],\"vmf\":{\"symbolicName\":\"lcmgenricsetting\",\"type\":\"STATEMACHINE\",\"version\":\"1.0.0\",\"startState\":\"com.vmware.vrealize.lcm.plugin.lcmplugin.core.task.GenericLcmSettingTask\",\"finishState\":\"\",\"errorState\":\"\",\"properties\ | |

| | | | |
|---|---|---|---|
| | | ":{},\"uiProperties\":{\"displayText\":\"lcmgenricsetting\",\"displayKey\":\"vmf::sm::lcmgenricsetting\"},\"nodes\":[{\"symbolicName\":\"com.vmware.vrealize.lcm.plugin.lcmplugin.core.task.GenericLcmSettingTask\",\"symbolicNameTxt\":\"lcmgenricsetting-com.vmware.vrealize.lcm.plugin.lcmplugin.core.task.GenericLcmSettingTask\",\"type\":\"SM_STATE\",\"task\":\"com.vmware.vrealize.lcm.plugin.lcmplugin.core.task.GenericLcmSettingTask\",\"properties\":{},\"uiProperties\":{\"displayText\":\"Generic Lcm Setting\",\"displayKey\":\"vmf::sm::lcmgenricsetting::node::c.v.v.l.p.l.c.t.GenericLcmSettingTask\"}},{\"symbolicName\":\"com.vmware.vrealize.lcm.platform.automata.service.task.FinalTask\",\"symbolicNameTxt\":\"lcmgenricsetting-com.vmware.vrealize.lcm.platform.automata.service.task.FinalTask\",\"type\":\"SM_STATE\",\"task\":\"com.vmware.vrealize.lcm.platform.automata.service.task.FinalTask\",\"properties\":{},\"uiProperties\":{\"displayText\":\"Final\",\"displayKey\":\"vmf::sm::lcmgenricsetting::node::c.v.v.l.p.a.s.t.FinalTask\"}}],\"edges\":[{\"name\":\"OnGenericSettingCompleted\",\"source\":\"com.vmware.vrealize.lcm.plugin.lcmplugin.core.task.GenericLcmSettingTask\",\"destination\":\"com.vmware.vrealize.lcm.platform.automata.service.task.FinalTask\",\"type\":\"SM_EVENT\",\"properties\":{},\"uiProperties\":{\"displayText\":\"On Generic Setting Completed\",\"displayKey\":\"vmf::sm::lcmgenricsetting::edge::name::OnGenericSett | |

| | | | |
|---|---|---|---|
| | | ingCompleted::source::c.v.v.l.p.l.c.t.GenericLcmSettingTask\"}}]}}]}",<br>"executionStatus": "{\"vmid\":\"e53ba5c9-1f6a-4cda-8ba6-6d6274441900\",\"engineRequestProgressDetails\":[{\"machineRequestProgressDetails\":[{\"machineInstanceId\":\"e53549a9-787e-4ce9-9876-b05a6ab37032\",\"eventStatusDetails\":[{\"eventId\":\"4b91063f-dbc9-48e3-a15c-9e06e2b97ce0\",\"eventName\":\"OnStart\",\"eventTxt\":\"lcmgenricsetting-OnStart\",\"status\":\"PROCESSED\",\"lastUpdatedOn\":1594633228683,\"sequence\":17,\"currentState\":\"com.vmware.vrealize.lcm.plugin.lcmplugin.core.task.GenericLcmSettingTask\"},{\"eventId\":\"a33c2c75-3e6f-40fb-b9ab-42611761fce9\",\"eventName\":\"OnGenericSettingCompleted\",\"eventTxt\":\"lcmgenricsetting-OnGenericSettingCompleted\",\"status\":\"PROCESSED\",\"lastUpdatedOn\":1594633229115,\"sequence\":18,\"currentState\":\"com.vmware.vrealize.lcm.platform.automata.service.task.FinalTask\"}],\"status\":\"COMPLETED\",\"lastUpdatedOn\":1594633229106,\"currentState\":\"com.vmware.vrealize.lcm.platform.automata.service.task.FinalTask\",\"currentStateTxt\":\"lcmgenricsetting-com.vmware.vrealize.lcm.platform.automata.service.task.FinalTask\"}],\"flowId\":\"lcmgenricsetting\",\"status\":\"SUCCESS\",\"lastUpdatedOn\":1594633229109}],\"status\":\"COMPLETED\",\"lastUpdatedOn\":1594633228455}",<br>"errorCause": null,<br>"resultSet": "[{\"vmid\":\"dc89862b- | |

ca67-4a6f-ad38-552e71839fc6\",\"transactionId\":null,\"sourceOfTheRequest\":\"e53ba5c9-1f6a-4cda-8ba6-6d6274441900\",\"resultKey\":\"settings\",\"resultType\":\"com.vmware.vrealize.lcm.lcops.common.dto.settings.LCMSystemConfigurationDTO\",\"resultText\":\"{\\\"vendor\\\":\\\"VMware Inc.\\\",\\\"name\\\":\\\"VMware vRealize Suite Life Cycle Manager Appliance\\\",\\\"version\\\":\\\"8.2.0.2\\\",\\\"patchVersion\\\":\\\"\\\",\\\"totalStorage\\\":\\\"49G\\\",\\\"usedStorage\\\":\\\"297M\\\",\\\"availableStorage\\\":\\\"47G\\\",\\\"storagePercentage\\\":\\\"1%\\\",\\\"buildNumber\\\":\\\"16546781\\\",\\\"availableSizeInBytes\\\":\\\"49576620032\\\"}\",\"eventId\":\"a33c2c75-3e6f-40fb-b9ab-42611761fce9\",\"machineInstanceId\":\"e53549a9-787e-4ce9-9876-b05a6ab37032\"}]",
    "isCancelEnabled": null,
    "lastUpdatedOn": 1594633229667,
    "createdBy": "admin@local"
  },
  {
    "vmid": "448d4bf8-8be1-491d-91b1-3b325b28e1aa",
    "transactionId": null,
    "requestName": "lcmgenricsetting",
    "requestReason": "Get Generic Settings",
    "requestType": "lcmgenricsetting",
    "requestSource": null,
    "requestSourceType": "system",
    "inputMap": {
      "method": "GET",
      "settingsName": "telemetrysettings",

| | | | |
|---|---|---|---|
| | | "settingsData": null<br>},<br>"outputMap": {},<br>"state": "COMPLETED",<br>"executionId": "61274f3c-20cc-47a1-90ec-130635edb7d1",<br>"executionPath": "{\"vmid\":\"674753c8-e076-42a5-ade4-42fb9f4d6d51\",\"symbolicName\":\"77b0b2fb-2b28-4bb4-99c5-180061baecfe\",\"acceptEula\":true,\"variables\":{},\"products\":[{\"symbolicName\":\"lcmgenricsetting\",\"symbolicNameTxt\":null,\"productVersion\":null,\"priority\":0,\"dependsOn\":[],\"components\":[{\"component\":{\"symbolicName\":\"lcmgenricsetting\",\"type\":null,\"componentVersion\":null}}],\"vmf\":{\"symbolicName\":\"lcmgenricsetting\",\"type\":\"STATEMACHINE\",\"version\":\"1.0.0\",\"startState\":\"com.vmware.vrealize.lcm.plugin.lcmplugin.core.task.GenericLcmSettingTask\",\"finishState\":\"\",\"errorState\":\"\",\"properties\":{},\"uiProperties\":{\"displayText\":\"lcmgenricsetting\",\"displayKey\":\"vmf::sm::lcmgenricsetting\"},\"nodes\":[{\"symbolicName\":\"com.vmware.vrealize.lcm.plugin.lcmplugin.core.task.GenericLcmSettingTask\",\"symbolicNameTxt\":\"lcmgenricsetting-com.vmware.vrealize.lcm.plugin.lcmplugin.core.task.GenericLcmSettingTask\",\"type\":\"SM_STATE\",\"task\":\"com.vmware.vrealize.lcm.plugin.lcmplugin.core.task.GenericLcmSettingTask\",\"properties\":{},\"uiProperties\":{\"displayText\":\"Generic Lcm Setting\",\"displayKey\":\"vmf::sm::lcmgenricsetting::node::c.v.v.l.p.l.c.t.Gener | |

icLcmSettingTask\"}},{\"symbolicName\":\"com.vmware.vrealize.lcm.platform.automata.service.task.FinalTask\",\"symbolicNameTxt\":\"lcmgenricsetting-com.vmware.vrealize.lcm.platform.automata.service.task.FinalTask\",\"type\":\"SM_STATE\",\"task\":\"com.vmware.vrealize.lcm.platform.automata.service.task.FinalTask\",\"properties\":{},\"uiProperties\":{\"displayText\":\"Final\",\"displayKey\":\"vmf::sm::lcmgenricsetting::node::c.v.v.l.p.a.s.t.FinalTask\"}}],\"edges\":[{\"name\":\"OnGenericSettingCompleted\",\"source\":\"com.vmware.vrealize.lcm.plugin.lcmplugin.core.task.GenericLcmSettingTask\",\"destination\":\"com.vmware.vrealize.lcm.platform.automata.service.task.FinalTask\",\"type\":\"SM_EVENT\",\"properties\":{},\"uiProperties\":{\"displayText\":\"On Generic Setting Completed\",\"displayKey\":\"vmf::sm::lcmgenricsetting::edge::name::OnGenericSettingCompleted::source::c.v.v.l.p.l.c.t.GenericLcmSettingTask\"}}]}}]}",
    "executionStatus": "{\"vmid\":\"61274f3c-20cc-47a1-90ec-130635edb7d1\",\"engineRequestProgressDetails\":[{\"machineRequestProgressDetails\":[{\"machineInstanceId\":\"2d372cc5-327e-4745-a1ca-6be4db7fa900\",\"eventStatusDetails\":[{\"eventId\":\"005a2643-fa70-467a-8117-a8b8c73135a0\",\"eventName\":\"OnStart\",\"eventTxt\":\"lcmgenricsetting-OnStart\",\"status\":\"PROCESSED\",\"lastUpdatedOn\":1594633196318,\"sequence\":13,\"currentState\":\"com.vmware.vrealize.lcm.plugin.lcmplugin.core.task.GenericLc

mSettingTask\"},{\"eventId\":\"f384bc3b-3b00-4758-b688-e5e5331dbfe1\",\"eventName\":\"OnGenericSettingCompleted\",\"eventTxt\":\"lcmgenricsetting-OnGenericSettingCompleted\",\"status\":\"PROCESSED\",\"lastUpdatedOn\":1594633196729,\"sequence\":14,\"currentState\":\"com.vmware.vrealize.lcm.platform.automata.service.task.FinalTask\"}],\"status\":\"COMPLETED\",\"lastUpdatedOn\":1594633196717,\"currentState\":\"com.vmware.vrealize.lcm.platform.automata.service.task.FinalTask\",\"currentStateTxt\":\"lcmgenricsetting-com.vmware.vrealize.lcm.platform.automata.service.task.FinalTask\"}],\"flowId\":\"lcmgenricsetting\",\"status\":\"SUCCESS\",\"lastUpdatedOn\":1594633196720}],\"status\":\"COMPLETED\",\"lastUpdatedOn\":1594633196056}",
    "errorCause": null,
    "resultSet": "[{\"vmid\":\"f3ffab41-a6c7-41a5-8572-135c36aef498\",\"transactionId\":null,\"sourceOfTheRequest\":\"61274f3c-20cc-47a1-90ec-130635edb7d1\",\"resultKey\":\"settings\",\"resultType\":\"com.vmware.vrealize.lcm.lcops.common.dto.settings.TelemetryCollectorConfigurationDTO\",\"resultText\":\"{\\\\\"environmentType\\\\\":\\\\\"production\\\\\",\\\\\"collectorId\\\\\":\\\\\"vrlcm.8_1\\\\\",\\\\\"collectorInstanceId\\\\\":\\\\\"a7e4956c-c24f-11ea-8c0b-005056b4d2a7\\\\\",\\\\\"telemetryEnabled\\\\\":true,\\\\\"uiCollectorId\\\\\":\\\\\"vRLCM_ui.8_1\\\\\"}\",\"eventId\":\"f384bc3b-3b00-4758-b688-e5e5331dbfe1\",\"machineIns

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| | | tanceId\":\"2d372cc5-327e-4745-a1ca-6be4db7fa900\"}]",<br>"isCancelEnabled": null,<br>"lastUpdatedOn": 1594633197304,<br>"createdBy": "admin@local"<br>}<br>] | |

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| Get Request by ID | GET | The picture can'...<br>lcm/request/api/requests/{requestId}<br>Request parameter :<br>requestId : 448d4bf8-8be1-491d-91b1-3b325b28e1aa<br><br>Response code : 200 OK<br>Response body :<br><br>{<br>"vmid": "448d4bf8-8be1-491d-91b1-3b325b28e1aa",<br>"transactionId": null,<br>"requestName": "lcmgenricsetting",<br>"requestReason": "Get Generic Settings",<br>"requestType": "lcmgenricsetting",<br>"requestSource": null,<br>"requestSourceType": "system",<br>"inputMap": {<br>"method": "GET",<br>"settingsName": "telemetrysettings",<br>"settingsData": null<br>},<br>"outputMap": {},<br>"state": "COMPLETED",<br>"executionId": "61274f3c-20cc-47a1-90ec-130635edb7d1",<br>"executionPath": "{\"vmid\":\"674753c8-e076-42a5-ade4-42fb9f4d6d51\",\"symbolicName\":\"77b0b2fb-2b28-4bb4-99c5-180061baecfe\",\"acceptEula\":true,\"variables\":{},\"products\":[{\"symbolicName\":\"lcmgenricsetting\",\"symbolicNameTxt\":null,\"productVersion\":null,\"priority\":0,\"dependsOn\":[],\"components\":[{\"component\":{\"symbolicName\":\"lcmgenricsetting\",\"type\":null,\"componentVersion\":null}}],\"vmf\":{\"symbolicName\":\"lcmgenricsetting\",\"type\":\"STATEMACHINE\",\"vers | |

ion\":\"1.0.0\",\"startStat
e\":\"com.vmware.vrealize.l
cm.plugin.lcmplugin.core.ta
sk.GenericLcmSettingTask\",
\"finishState\":\"\",\"erro
rState\":\"\",\"properties\
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ing\",\"displayKey\":\"vmf:
:sm::lcmgenricsetting\"},\"
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\"com.vmware.vrealize.lcm.p
lugin.lcmplugin.core.task.G
enericLcmSettingTask\",\"sy
mbolicNameTxt\":\"lcmgenric
setting-
com.vmware.vrealize.lcm.plu
gin.lcmplugin.core.task.Gen
ericLcmSettingTask\",\"type
\":\"SM_STATE\",\"task\":\"
com.vmware.vrealize.lcm.plu
gin.lcmplugin.core.task.Gen
ericLcmSettingTask\",\"prop
erties\":{},\"uiProperties\
":{\"displayText\":\"Generi
c Lcm
Setting\",\"displayKey\":\"
vmf::sm::lcmgenricsetting::
node::c.v.v.l.p.l.c.t.Gener
icLcmSettingTask\"}},{\"sym
bolicName\":\"com.vmware.vr
ealize.lcm.platform.automat
a.service.task.FinalTask\",
\"symbolicNameTxt\":\"lcmge
nricsetting-
com.vmware.vrealize.lcm.pla
tform.automata.service.task
.FinalTask\",\"type\":\"SM_
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re.vrealize.lcm.platform.au
tomata.service.task.FinalTa
sk\",\"properties\":{},\"ui
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:\"vmf::sm::lcmgenricsettin
g::node::c.v.v.l.p.a.s.t.Fi
nalTask\"}}],\"edges\":[{\"
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mpleted\",\"source\":\"com.
vmware.vrealize.lcm.plugin.
lcmplugin.core.task.Generic
LcmSettingTask\",\"destinat
ion\":\"com.vmware.vrealize
.lcm.platform.automata.serv
ice.task.FinalTask\",\"type
\":\"SM_EVENT\",\"propertie

s\":{},\"uiProperties\":{\"displayText\":\"On Generic Setting Completed\",\"displayKey\":\"vmf::sm::lcmgenricsetting::edge::name::OnGenericSettingCompleted::source::c.v.v.l.p.l.c.t.GenericLcmSettingTask\"}}]}}]}",
  "executionStatus": "{\"vmid\":\"61274f3c-20cc-47a1-90ec-130635edb7d1\",\"engineRequestProgressDetails\":[{\"machineRequestProgressDetails\":[{\"machineInstanceId\":\"2d372cc5-327e-4745-a1ca-6be4db7fa900\",\"eventStatusDetails\":[{\"eventId\":\"005a2643-fa70-467a-8117-a8b8c73135a0\",\"eventName\":\"OnStart\",\"eventTxt\":\"lcmgenricsetting-OnStart\",\"status\":\"PROCESSED\",\"lastUpdatedOn\":1594633196318,\"sequence\":13,\"currentState\":\"com.vmware.vrealize.lcm.plugin.lcmplugin.core.task.GenericLcmSettingTask\"},{\"eventId\":\"f384bc3b-3b00-4758-b688-e5e5331dbfe1\",\"eventName\":\"OnGenericSettingCompleted\",\"eventTxt\":\"lcmgenricsetting-OnGenericSettingCompleted\",\"status\":\"PROCESSED\",\"lastUpdatedOn\":1594633196729,\"sequence\":14,\"currentState\":\"com.vmware.vrealize.lcm.platform.automata.service.task.FinalTask\"}],\"status\":\"COMPLETED\",\"lastUpdatedOn\":1594633196717,\"currentState\":\"com.vmware.vrealize.lcm.platform.automata.service.task.FinalTask\",\"currentStateTxt\":\"lcmgenricsetting-com.vmware.vrealize.lcm.platform.automata.service.task.FinalTask\"}],\"flowId\":\"lcmgenricsetting\",\"status\":\"SUCCESS\",\"lastUpdatedOn\":1594633196720}],\"st

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| | | atus\":\"COMPLETED\",\"lastUpdatedOn\":1594633196056}",<br>  "errorCause": null,<br>  "resultSet": "[{\"vmid\":\"f3ffab41-a6c7-41a5-8572-135c36aef498\",\"transactionId\":null,\"sourceOfTheRequest\":\"61274f3c-20cc-47a1-90ec-130635edb7d1\",\"resultKey\":\"settings\",\"resultType\":\"com.vmware.vrealize.lcm.lcops.common.dto.settings.TelemetryCollectorConfigurationDTO\",\"resultText\":\"{\\\"environmentType\\\":\\\"production\\\",\\\"collectorId\\\":\\\"vrlcm.8_1\\\",\\\"collectorInstanceId\\\":\\\"a7e4956c-c24f-11ea-8c0b-005056b4d2a7\\\",\\\"telemetryEnabled\\\":true,\\\"uiCollectorId\\\":\\\"vRLCM_ui.8_1\\\"}\",\"eventId\":\"f384bc3b-3b00-4758-b688-e5e5331dbfe1\",\"machineInstanceId\":\"2d372cc5-327e-4745-a1ca-6be4db7fa900\"}]",<br>  "isCancelEnabled": null,<br>  "lastUpdatedOn": 1594633197304,<br>  "createdBy": "admin@local"<br>} | |

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| Retry Request by ID | PATCH | /lcm/request/api/v2/requests/{requestId}/retry<br>Request parameter :<br>requestId : 3a74f17a-8230-4ed7-85cc-cba515f754a5<br><br>Request body :<br>[<br>  {<br>  "messageId": "LCMVROPSYSTEM25000",<br>  "message": "Confirm that the specified node is a member of vRealize Operations Manager cluster and the node is online and accessible",<br>  "eventId": "89d5567a-f299-4d57-bee0-a768da0fe94e",<br>  "retry": true,<br>  "exceptionMessage": "Failed to get the vROps version during deployment discovery. Retry after verifying master node address and admin password.",<br>  "exceptionStackTrace": "com.vmware.vrealize.lcm.plugin.common.vrops.exceptions.DiscoveryException: Failed to get the vROps version during deployment discovery. Retry after verifying master node address and admin password.\n\tat com.vmware.vrealize.lcm.plugin.core.vrops.tasks.DeploymentsDiscoveryTask.execute(DeploymentsDiscoveryTask.java:149)\n\tat com.vmware.vrealize.lcm.automata.core.TaskThread.run(TaskThread.java:45)\n\tat java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Unknown Source)\n\tat java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Unknown Source)\n\tat | Request payload can be fetched from API to get Error Causes by a Request ID. |

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| | | java.base/java.lang.Thread.run(Unknown Source)\n",<br>"properties": {<br>"vropsMasterNodeIP": "lcm-34-241.sqa.local",<br>"vropsAdminPassword": "locker:password:92d4276c-57b6-4d66-b6ef-db552b722fa5:Common-pwd"<br>}<br>}<br>]<br><br>Response code : 200 OK | |

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| Get Error Causes by a Request ID | GET | /lcm/request/api/v2/requests/{requestId}/error-causes<br>Request parameter :<br>requestId : 3a74f17a-8230-4ed7-85cc-cba515f754a5<br><br>Response code : 200 OK<br>Response body :<br>[<br>  {<br>  "messageId": "LCMVROPSYSTEM25000",<br>  "message": "Confirm that the specified node is a member of vRealize Operations Manager cluster and the node is online and accessible",<br>  "eventId": "89d5567a-f299-4d57-bee0-a768da0fe94e",<br>  "retry": true,<br>  "exceptionMessage": "Failed to get the vROps version during deployment discovery. Retry after verifying master node address and admin password.",<br>  "exceptionStackTrace": "com.vmware.vrealize.lcm.plugin.common.vrops.exceptions.DiscoveryException: Failed to get the vROps version during deployment discovery. Retry after verifying master node address and admin password.\n\tat com.vmware.vrealize.lcm.plugin.core.vrops.tasks.DeploymentsDiscoveryTask.execute(DeploymentsDiscoveryTask.java:149)\n\tat com.vmware.vrealize.lcm.automata.core.TaskThread.run(TaskThread.java:45)\n\tat java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Unknown Source)\n\tat java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Unknown Source)\n\tat | |

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| | | `java.base/java.lang.Thread.run(Unknown Source)\n",`<br>`"properties": {`<br>`"vropsMasterNodeIP": "lcm-34-241.sqa.local",`<br>`"vropsAdminPassword": "locker:password:92d4276c-57b6-4d66-b6ef-db552b722fa5:Common-pwd"`<br>`}`<br>`}`<br>`]` | |

# Settings Operation APIs

| Name | HTTP Method | Endpoint | Error Response codes | Description |
|---|---|---|---|---|
| Get Product DNS Settings | GET | The picture can'...<br>/lcm/lcops/api/v2/settings/dns<br>`Response Body :`<br>`[`<br>`{`<br>`"name": "dns-server1",`<br>`"hostName": "10.141.66.213"`<br>`},`<br>`{`<br>`"name": "dns-server2",`<br>`"hostName": "10.118.183.252"`<br>`}`<br>`]` | | This API is used to fetch all the DNS servers data saved. |

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| Save Product DNS Settings | POST | /lcm/lcops/api/v2/settings/dns<br>Request Body : "dnsConfigurationDTO"<br>{<br>"hostName": "10.141.66.213",<br>"name": "dns-server1"<br>}<br><br>Response Code : 200 OK<br>Response body :<br>{<br>"hostName": "10.141.66.213",<br>"name": "dns-server1"<br>} | 400 - Bad Request<br>**When DNS hostname provided is empty.**<br>Sample Request body :<br>{<br>"hostName": "",<br>"name": "dns-server1"<br>}<br><br>Response code : 400 Bad Request<br>Sample Response body :<br>{<br>"status": "",<br>"message": "DNS hostname cannot be blank.",<br>"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",<br><br>"errorLabel": "Request Payload does not comply with constraints.",<br><br>"recommendations": []<br>}<br>**When DNS name provided is empty.**<br>Sample Request body :<br>{<br>"hostName": "10.141.66.213",<br>"name": ""<br>} | This API is used to save a DNS server details.<br><br>In order to save the DNS settings data, the **hostName** and server **name** should be different from already existing ones.<br><br>Else, will lead to the errors as described in preceding column. |

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| | | | Response code : 400 Bad Request<br>Sample Response body :<br>{<br>"status": "",<br>"message": "DNS name cannot be blank.",<br>"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",<br><br>"errorLabel": "Request Payload does not comply with constraints.",<br><br>"recommendations": []<br>}<br>409 - Conflict<br>**When DNS server (hostName) provided already exist.**<br>Sample Request body :<br>{<br>"hostName": "10.141.66.213",<br>"name": "dns-server2"<br>}<br><br>Response Code : 409 Conflict<br>Response body :<br>{<br>"status": "",<br>"message": "DNS server | |

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| | | | already exist.",<br>"errorCode": "LCM_SETTINGS_API_ERROR0003",<br><br>"errorLabel": "Settings data already exist.",<br><br>"recommendations": []<br>}<br>**When DNS server name provided already exist.**<br>Sample Request body :<br>{<br>"hostName": "10.141.66.214",<br>"name": "dns-server1"<br>}<br><br>Response Code : 409 Conflict<br>Response body :<br>{<br>"status": "",<br>"message": "DNS server name already exist.",<br>"errorCode": "LCM_SETTINGS_API_ERROR0003",<br><br>"errorLabel": "Settings data already exist.",<br><br>"recommendations": []<br>} | |

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| Update Product DNS Settings | PUT | /lcm/lcops/api/v2/settings/dns<br>Request Body : "dnsConfigurationDTO"<br>{<br>"hostName": "10.141.66.213",<br>"name": "dns-server3"<br>}<br><br>Response Code : 200 OK | 400 - Bad Request<br>**When DNS hostname provided is empty.**<br>Sample Request body :<br>{<br>"hostName": "",<br>"name": "dns-server1"<br>}<br><br>Response code : 400 Bad Request<br>Sample Response body :<br>{<br>"status": "",<br>"message": "DNS hostname cannot be blank.",<br>"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",<br><br>"errorLabel": "Request Payload does not comply with constraints.",<br><br>"recommendations": []<br>}<br>**When DNS name provided is empty.**<br>Sample Request body :<br>{<br>"hostName": "10.141.66.213",<br>"name": ""<br>} | This API is used to update DNS server **name** of already existing DNS server.<br><br>DNS server **name** can be updated for already existing DNS server (**hostName**) using this API.<br><br>▪ Note : DNS server **name** is case insensitive. Suppose a DNS **name** - "dns-server1" already exists, while updating the **name,** you can't provide value as "DNS-SERVER 1". Else, it will lead to 409 Conflict error as described |

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| | | | Response code : 400 Bad Request<br>Sample Response body :<br>{<br>"status": "",<br>"message": "DNS name cannot be blank.",<br>"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",<br><br>"errorLabel": "Request Payload does not comply with constraints.",<br><br>"recommendations": []<br>}<br><br>409 - Conflict<br>**When DNS server name provided already exist.**<br>Sample Request body :<br>{<br>"hostName": "10.141.66.214",<br>"name": "dns-server2"<br>}<br><br>Response Code : 409 Conflict<br>Response body : | in the preceding column. |

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| | | | {<br>"status": "",<br>"message": "DNS server name already exist.",<br>"errorCode": "LCM_SETTINGS_API_ERROR0003",<br>"errorLabel": "Settings data already exist.",<br>"recommendations": []<br>}<br>404 - Not Found<br>**When DNS server (hostName) does not exist.**<br>Sample Request body :<br>{<br>"name": "dns4",<br>"hostName": "10.118.183.253"<br>}<br>Response Code : 404 Not Found<br>Response body :<br>{<br>"status": "",<br>"message": "DNS server (hostName) does not exist.",<br>"errorCode": "LCM_SETTINGS_API_ERROR0002", | |

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| | | | "errorLabel": "Settings data does not exist.",<br><br>"recommendations": []<br>} | |

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| Delete Product DNS Settings<br><br>[Deprecated] | DELETE | /lcm/lcops/api/v2/settings/dns<br>Request Body : "dnsConfigurationDTO"<br><br>{<br>"hostName": "10.141.66.213",<br>"name": "dns-server1"<br>}<br><br>Response : 200 OK | 400 - Bad Request<br>**When DNS hostname provided is empty.**<br>Sample Request body :<br>{<br>"hostName": "",<br>"name": "dns-server1"<br>}<br><br>Response code : 400 Bad Request<br>Sample Response body :<br>{<br>"status": "",<br>"message": "DNS hostname cannot be blank.",<br>"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",<br><br>"errorLabel": "Request Payload does not comply with constraints.",<br><br>"recommendations": []<br>}<br>**When DNS name provided is empty.**<br>Sample Request body :<br>{<br>"hostName": "10.141.66.213",<br>"name": ""<br>} | This API is used to delete existing DNS server data. Make sure, both the DNS **hostName** and **name** you provide is existing.<br><br>Else, will lead to 404 error as described in preceding column. |

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| | | | Response code : 400 Bad Request<br>Sample Response body :<br>{<br>"status": "",<br>"message": "DNS name cannot be blank.",<br>"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",<br><br>"errorLabel": "Request Payload does not comply with constraints.",<br><br>"recommendations": []<br>}<br>404 - Not Found<br>**When DNS server data does not exist.**<br>Sample Request body :<br>{<br>"name": "dns4",<br><br>"hostName": "10.118.183.253"<br>}<br><br>Response Code : 404 Not Found<br>Response body :<br>{<br>"status": "", | |

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| | | | "message": "DNS settings data to be deleted does not exist.", "errorCode": "LCM_SETTINGS_API_ERROR0002", "errorLabel": "Settings data does not exist.", "recommendations": [] } | |
| Delete Product DNS Settings | DELETE | /lcm/lcops/api/v3/settings/dns<br>Request Body : dnsHostname : 1.2.3.4<br><br>Response : 200 OK<br>Response body :<br>{ "name": "dns-server1", "hostName": "1.2.3.4" } | | |

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| Expand vRSLCM VA Disk Size | POST | /lcm/lcops/api/v2/settings/system-details/disks/expand<br>Request body : "lcmVaDiskManagementConfigDTO"<br>{<br>"diskSizeInGb": 10,<br>"vCenterHost": "lcm-vc2.sqa.local",<br>"vcPassword": "VMware@505",<br>"vcUsername": "devuser@vsphere.local"<br>}<br><br>Response code : 200 OK<br>Response body :<br>{<br>"requestId": "4808f873-3a21-4191-8936-c9466201c010"<br>} | 400 Bad Request<br>**When vCenter username is blank.**<br>Sample Request body :<br>{<br><br>"diskSizeInGb": 10,<br><br>"vCenterHost": "lcm-vc2.sqa.local",<br><br>"vcPassword": "VMware@505",<br><br>"vcUsername": ""<br>}<br><br>Response Code : 400 Bad Request<br>Response body :<br>{<br>"status": "",<br>"message": "vCenter username cannot be blank.",<br>"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",<br><br>"errorLabel": "Request Payload does not comply with constraints.",<br><br>"recommendations": []<br>}<br>**When vCenter host is blank.** | This API is used to expand the disk size of your vRSLCM VA. |

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| | | | Sample Request body :<br>{<br><br>"diskSizeInGb" : 10,<br><br>"vCenterHost": "",<br><br>"vcPassword": "VMware@505",<br><br>"vcUsername": "devuser@vsphere.local"<br>}<br><br>Response Code : 400 Bad Request<br>Response body :<br>{<br>  "status": "",<br>  "message": "vCenter host cannot be blank.",<br>  "errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",<br><br>"errorLabel": "Request Payload does not comply with constraints.",<br><br>"recommendations": []<br>}<br>**When vCenter password is blank.**<br>Sample Request body :<br>{<br><br>"diskSizeInGb" : 10, | |

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| | | | "vCenterHost": "lcm-vc2.sqa.local",<br><br>"vcPassword": "",<br><br>"vcUsername": "devuser@vsphere.local"<br>}<br><br>Response Code : 400 Bad Request<br>Response body :<br>{<br>"status": "",<br>"message": "vCenter password cannot be blank.",<br>"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",<br><br>"errorLabel": "Request Payload does not comply with constraints.",<br><br>"recommendations": []<br>}<br>**When diskSize value is invalid.**<br>Sample Request body :<br>{<br><br>"diskSizeInGb": -20,<br><br>"vCenterHost": "lcm-vc2.sqa.local",<br> | |

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| | | | "vcPassword": "VMware@505",<br><br>"vcUsername": "devuser@vsphere.local"<br>}<br><br>Response Code : 400 Bad Request<br>Response body :<br>{<br>  "status": "",<br>  "message": "Disk size value is invalid.",<br>  "errorCode": "LCM_SETTINGS_API_ERROR0001",<br><br>"errorLabel": "Settings request payload is invalid.",<br><br>"recommendations": [<br>  "Disk size value should be greater than or equal to 1GB."<br>  ]<br>} | |

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| Get vRSLCM Time settings | GET | /lcm/lcops/api/v2/settings/system-details/time<br>Response code : 200 OK<br>Response body :<br>{<br>"dateTime": "Sun Jul 26 18:31:13 UTC 2020",<br>"syncWithHost": true,<br>"ntpServerEnabled": false,<br>"ntpServers": "",<br>"ntpServerStarted": false<br>} | | This API is used to fetch the details of vRSLCM Time settings. |

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| Save vRSLCM Time Settings | POST | /lcm/lcops/api/v2/settings/system-details/time<br>Request body: "lcmNtpConfigurationDTO"<br>{<br>"dateTime": "Sun Jul 26 18:31:13 UTC 2020",<br>"ntpServerEnabled": true,<br>"ntpServerStarted": false,<br>"ntpServers": "ntp1.eng.vmware.com",<br>"syncWithHost": false<br>}<br><br>Response code : 200 OK<br>Response body:<br>{<br>"dateTime": "Sun Jul 26 18:31:13 UTC 2020",<br>"syncWithHost": false,<br>"ntpServerEnabled": true,<br>"ntpServers": "ntp1.eng.vmware.com",<br>"ntpServerStarted": false<br>} | 400 - Bad Request<br>**When both Host and NTP server is set to true**<br>Sample Request body :<br>{<br>"dateTime": "",<br>"ntpServerEnabled": true,<br>"ntpServerStarted": false,<br>"ntpServers": "ntp1.eng.vmware.com",<br>"syncWithHost": true<br>}<br><br>Response Code : 400 Bad Request<br>Response body :<br>{<br>"status": "",<br>"message": "You can't select both Use Host and Use NTP Servers.",<br>"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",<br>"errorLabel": "Request Payload does not comply with constraints.",<br>"recommendations": []<br>} | This API is used to set the vRSLCM system time.<br><br>Here values for fields - **"ntpServerEnabled"**, **"ntpServerStarted"** and **"syncWithHost"** can be set to **true/false.**<br><br>You can either use host or ntp servers to set the time of vRSLCM appliance, but never both.<br><br>• If you chose to use Host machine time, set **syncWithHost** as true, setting other two fields as false.<br>• If you chose to use NTP server's time, set two fields mentioned above to true and |

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| | | | **When ntpServers is blank when NTP servers is enabled.**<br>Sample Request body :<br><br>{<br>  "dateTime": "Sun Jul 26 18:31:13 UTC 2020",<br><br>"ntpServerEnabled": true,<br><br>"ntpServerStarted": false,<br><br>"ntpServers": "",<br><br>"syncWithHost": false<br>}<br><br>Response Code : 400 Bad Request<br>Response body :<br>{<br>  "status": "",<br>  "message": "NTP server needs to be provided if you select Use NTP Servers option.",<br>  "errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",<br><br>"errorLabel": "Request Payload does not comply with constraints.", | **syncWithHost** to false. |

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| | | | "recommendations": []<br>}<br>**When both Host and NTP servers is disabled.**<br>Sample Request body :<br>{<br>"dateTime": "Sun Jul 26 18:31:13 UTC 2020",<br><br>"ntpServerEnabled": false,<br><br>"ntpServerStarted": false,<br><br>"ntpServers": "ntp1.eng.vmware.com",<br><br>"syncWithHost": false<br>}<br><br>Response Code : 400 Bad Request<br>Response body :<br>{<br>"status": "",<br>"message": "You have to select either Use Host or Use NTP Servers.",<br>"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",<br><br>"errorLabel": "Request Payload does not comply with constraints.", | |

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| | | | "recommendations": []<br>} | |
| Generate vRSLCM Log Bundle | POST | /lcm/lcops/api/v2/settings/log-bundles<br>Response code : 200 OK<br>Response body :<br>{<br>"requestId": "e9070abb-77f2-4053-bee4-9b83c1dd305c"<br>} | | This is used to generate vRSLCM log bundles. |
| Get all vRSLCM Log Bundles | GET | /lcm/lcops/api/v2/settings/log-bundles<br>Response code : 200 OK<br>Response body :<br>[<br>{<br>"downloadUrl": "https://lcm-15-13.eng.vmware.com/repo/logBundleRepo/vrlcm/logbundle/vlcmsupport-2020-07-26_18-44-39.24492.zip"<br>}<br>] | 404 - Not Found<br>**When Log Bundles are not generated.**<br>Response Code : 404 Not Found<br>Response body :<br>{<br>"status": "",<br>"message": "Log Bundles are not generated.",<br>"errorCode": "LCM_SETTINGS_API_ERROR0002",<br>"errorLabel": "Settings data does not exist.",<br>"recommendations": []<br>} | This fetches the **downloadUrl** path for vRSLCM log bundles already generated.<br><br>Make sure you trigger POST API - /lcm/lcops/api/v2/settings/log-bundles, to generate log bundles prior to executing this API.<br><br>Else, will lead to 404 error as described in preceding column. |

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| Get all My VMware Accounts | GET | /lcm/lcops/api/v2/settings/my-vmware/accounts<br>Response code : 200 OK<br>Response body :<br>[<br>{<br>"userName": "myvmwareaccount@vmware.com",<br>"password": "vrslcm2"<br>}<br>] | | This API is used to fetch all the MyVmware accounts. |

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| Save My VMware Account | POST | /lcm/lcops/api/v2/settings/my-vmware/accounts<br>Request body :<br>"myVmwareConfigurationDTO"<br>{<br>"password": "vrslcm@vm1",<br>"userName": "myvmwareaccount@vmware.com"<br>}<br><br>Response code : 200 OK<br>Response body:<br>{<br>"password": "Aragorn@vm1",<br>"userName": "frodo@vmware.com"<br>} | 400 - Bad Request<br>**When MyVmware account username is blank.**<br>Sample Request body :<br>{<br>"password": "vrslcm@vm1",<br>"userName": ""<br>}<br><br>Response Code : 400 Bad Request<br>Response body :<br>{<br>"status": "",<br>"message": "MyVmware account username cannot be blank.",<br>"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",<br><br>"errorLabel": "Request Payload does not comply with constraints.",<br><br>"recommendations": []<br>}<br>**When MyVmware account password is blank.**<br>Sample Request body :<br>{ | This API is used to add a MyVmware account. |

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| | | | "password": "",<br>"userName": "myvmware@vmware.com"<br>}<br><br>Response Code : 400 Bad Request<br>Response body :<br>{<br>"status": "",<br>"message": "MyVmware account password cannot be blank.",<br>"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",<br><br>"errorLabel": "Request Payload does not comply with constraints.",<br><br>"recommendations": []<br>}<br>409 - Conflict<br>**When MyVmware account already exist.**<br>Sample Request body :<br>{<br><br>"userName": "frodo@vmware.com",<br><br>"password": "vrslcm@vm1!"<br>} | |

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| | | | Response Code : 409 Conflict<br>Response body :<br>{<br>"status": "",<br>"message": "MyVmware account already exist.",<br>"errorCode": "LCM_SETTINGS_API_ERROR0003",<br><br>"errorLabel": "Settings data already exist.",<br><br>"recommendations": []<br>} | |

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| Update My VMware Account | PUT | /lcm/lcops/api/v2/settings/my-vmware/accounts<br>Request body:<br>"myVmwareConfigurationDTO"<br>{<br>"userName": "myvmware@vmware.com",<br>"password": "cmbu@vm1!"<br>}<br>Response code : 200 OK | 400 - Bad Request<br>**When MyVmware account username is blank.**<br>Sample Request body :<br>{<br>"password": "vrslcm@vm1",<br>"userName": ""<br>}<br><br>Response Code : 400 Bad Request<br>Response body :<br>{<br>"status": "",<br>"message": "MyVmware account username cannot be blank.",<br>"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",<br><br>"errorLabel": "Request Payload does not comply with constraints.",<br><br>"recommendations": []<br>}<br>**When MyVmware account password is blank.**<br>Sample Request body :<br>{ | This API is used to Update the **password** for existing MyVmware account username. |

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| | | | "password": "",<br>"userName": "myvmware@vmware.com"<br>}<br><br>Response Code : 400 Bad Request<br>Response body :<br>{<br>"status": "",<br>"message": "MyVmware account password cannot be blank.",<br>"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",<br><br>"errorLabel": "Request Payload does not comply with constraints.",<br><br>"recommendations": []<br>}<br>The picture can...404 - Not Found<br>**When MyVmware account to be updated does not exist.**<br>Sample Request body :<br>{<br><br>"userName": "Aragorn@vmware.com",<br><br>"password": "vrslcm@vm1!"<br>} | |

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| | | | Response Code : 404 Not Found<br>Response body :<br>{<br>"status": "",<br>"message": "MyVmware account to be updated does not exist.",<br>"errorCode": "LCM_SETTINGS_API_ERROR0002",<br>"errorLabel": "Settings data does not exist.",<br>"recommendations": []<br>} | |

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| Delete a My VMware Account<br><br>[Deprecated] | DELETE | /lcm/lcops/api/v2/settings/my-vmware/accounts<br>Request body :<br>"myVmwareConfigurationDTO"<br>{<br>"userName": "frodo@vmware.com",<br>"password": "Aragorn@vm1!"<br>}<br>Response code : 200 OK | 400 - Bad Request<br>**When MyVmware account username is blank.**<br>Sample Request body :<br>{<br>"password": "vrslcm@vm1",<br>"userName": ""<br>}<br><br>Response Code : 400 Bad Request<br>Response body :<br>{<br>"status": "",<br>"message": "MyVmware account username cannot be blank.",<br>"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",<br><br>"errorLabel": "Request Payload does not comply with constraints.",<br><br>"recommendations": []<br>}<br>**When MyVmware account password is blank.**<br>Sample Request body :<br>{ | This API is used to delete a MyVMware account by **username**. |

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| | | | "password": "",<br>"userName": "myvmware@vmware.com"<br>}<br><br>Response Code : 400 Bad Request<br>Response body :<br>{<br>"status": "",<br>"message": "MyVmware account password cannot be blank.",<br>"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",<br><br>"errorLabel": "Request Payload does not comply with constraints.",<br><br>"recommendations": []<br>}<br><br>404 - Not Found<br>**When MyVmware account to be deleted does not exist.**<br>Sample Request body :<br>{<br><br>"userName": | |

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| | | | "Aragorn@vmware.com",<br><br>"password": "vrslcm@vm1!"<br>}<br><br>Response Code: 404 Not Found<br>Response body:<br>{<br>  "status": "",<br>  "message": "MyVmware account to be deleted does not exist.",<br>  "errorCode": "LCM_SETTINGS_API_ERROR0002",<br><br>"errorLabel": "Settings data does not exist.",<br><br>"recommendations": []<br>} | |

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| Delete a My VMware Account | DELETE | /lcm/lcops/api/v3/settings/my-vmware/accounts<br>Request body :<br>username : frodo@vmware.com<br><br>Response code : 200 OK<br>Response body :<br>{<br>"userName": "frodo@vmware.com",<br>"password": "locker:password:9a5cb445-a551-450a-b3c8-7355dbae65df:My VMware - frodo@vmware.com"<br>} | | |
| Get Network Settings | GET | /lcm/lcops/api/v2/settings/network-details<br>Response code : 200 OK<br>Response body :<br>{<br>"hostName": "lcm-15-13.eng.vmware.com",<br>"alternateDns": "10.132.7.1",<br>"netmask": "255.255.255.0",<br>"ipAddress": "10.196.15.13",<br>"searchPath": null,<br>"preferredDns": "10.142.7.1",<br>"ipAddressType": "DHCP",<br>"gateway": "10.196.15.253"<br>} | | This API is used to fetch the Network details of vRSLCM VM. |

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| Check SSH Status | GET | /lcm/lcops/api/v2/settings/ssh<br>`Response Code : 200 OK`<br>`Response body :`<br>`{`<br>`  "sshEnabled": true`<br>`}` | | This API is used to check the vRSLCM SSH status. |
| Enable or Disable SSH | PUT | /lcm/lcops/api/v2/settings/ssh<br>`Request body : "lcmSshDTO"`<br>`{`<br>`  "sshEnabled": false`<br>`}`<br>`Response Code : 200 OK`<br>`Response body :`<br>`{`<br>`  "sshEnabled": false`<br>`}` | | This API is used to enable/disable vRSLCM SSH status.<br><br>To enable ssh, set field **"sshEnabled"** value as **true**<br><br>To disable ssh, set field **"sshEnabled"** value as **false** |

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| Get System Settings | GET | /lcm/lcops/api/v2/settings/system-details<br>Response code : 200 OK<br>Response body :<br>{<br>"vendor": "VMware Inc.",<br>"name": "VMware vRealize Suite Life Cycle Manager Appliance",<br>"version": "8.2.0.2",<br>"patchVersion": "",<br>"totalStorage": "59G",<br>"usedStorage": "328M",<br>"availableStorage": "56G",<br>"storagePercentage": "1%",<br>"buildNumber": "16546781",<br>"availableSizeInBytes": "59684151296"<br>} | | This API is used to get the system details. |
| Get Telemetry Settings | GET | /lcm/lcops/api/v2/settings/system-details/telemetry<br>Response code : 200 OK<br>Response body :<br>{<br>"environmentType": "production",<br>"collectorId": "vrlcm.8_1",<br>"collectorInstanceId": "a7e4956c-c24f-11ea-8c0b-005056b4d2a7",<br>"telemetryEnabled": true,<br>"uiCollectorId": "vRLCM_ui.8_1"<br>} | | This API is used to get telemetry details. |

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| Get System Disks | GET | /lcm/lcops/api/v2/settings/system-details/disks<br>Response code : 200 OK<br>Response body :<br>{<br>"vendor": "VMware Inc.",<br>"name": "VMware vRealize Suite Life Cycle Manager Appliance",<br>"version": "8.2.0.2",<br>"patchVersion": "",<br>"diskStorageDTO": [<br>{<br>"diskName": "/root",<br>"totalStorage": "8.7G",<br>"usedStorage": "2.6G",<br>"availableStorage": "5.8G",<br>"storagePercentage": "31%"<br>},<br>{<br>"diskName": "/data",<br>"totalStorage": "59G",<br>"usedStorage": "328M",<br>"availableStorage": "56G",<br>"storagePercentage": "1%"<br>},<br>{<br>"diskName": "/storage",<br>"totalStorage": "9.8G",<br>"usedStorage": "96M",<br>"availableStorage": "9.2G", | | This API is used to fetch the details of System disks. |

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| | | "storagePercentage": "2%"<br>}<br>],<br>"properties": {},<br><br>"diskAvailableForUpgrade": true<br>} | | |
| Get Product NTP Settings | GET | /lcm/lcops/api/v2/settings/ntp-servers<br>Response code : 200 OK<br>Response body :<br>[<br>{<br>"name": "ntp-server1",<br>"hostName": "ntp1.eng.vmware.com"<br>}<br>] | | This API is used to fetch all the product NTP servers. |

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| Save Product NTP Settings | POST | lcm/lcops/api/v2/settings/ntp-servers<br>Request body : "ntpConfigurationDTO"<br>{<br>"name": "ntp-server1",<br>"hostName": "ntp1.eng.vmware.com"<br>}<br><br>Response code : 200 OK<br>Response body :<br>{<br>"name": "ntp-server1",<br>"hostName": "ntp1.eng.vmware.com"<br>} | 400 - Bad Request<br>**When NTP server hostname is blank.**<br>Sample Request body :<br>{<br>"name": "ntp-server1",<br>"hostName": ""<br>}<br><br>Response code : 400 Bad Request<br>Response body :<br>{<br>"status": "",<br>"message": "NTP hostname cannot be blank.",<br>"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",<br>"errorLabel": "Request Payload does not comply with constraints.",<br>"recommendations": []<br>}<br>**When NTP server name is blank.**<br>Sample Request body :<br>{<br>"name": "",<br>"hostName": "ntp1.eng.vmware.com"<br>} | This API is used to add a NTP server.<br><br>Note : NTP server **name** is case insensitive. Suppose if you have NTP server with name **"ntp-server1"** already added. And again when you try to add a NTP server with name **"NTP-SERVER1"**, will lead you to 409 Conflict error. |

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| | | | Response Code : 400 Bad Request<br>Response body :<br>{<br>"status": "",<br>"message": "NTP name cannot be blank.",<br>"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",<br><br>"errorLabel": "Request Payload does not comply with constraints.",<br><br>"recommendations": []<br>}<br>409 - Conflict<br>**When NTP server already exist.**<br>Sample Request body :<br>{<br>"name": "ntp-server1",<br>"hostName": "ntp1.eng.vmware.com"<br>}<br><br>Response Code : 409 Conflict<br>Response body :<br>{<br>"status": "",<br>"message": "NTP server already exist.",<br>"errorCode": "LCM_SETTINGS_ | |

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| | | | API_ERROR0003"<br>,<br><br>"errorLabel": "Settings data already exist.",<br><br>"recommendations": []<br>}<br>**When NTP server name already exist.**<br>Sample Request body :<br>{<br>"name": "NTP-SERVER1",<br>"hostName": "ntp2.eng.vmware.com"<br>}<br><br>Response Code : 409 Conflict<br>Response body :<br>{<br>"status": "",<br>"message": "NTP server name already exist.",<br>"errorCode": "LCM_SETTINGS_API_ERROR0003"<br>,<br><br>"errorLabel": "Settings data already exist.",<br><br>"recommendations": []<br>} | |

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| Update Product NTP Settings | PUT | /lcm/lcops/api/v2/settings/ntp-servers<br>Request body :<br>"ntpConfigurationDTO"<br>{<br>"name": "ntp-server2",<br>"hostName": "ntp1.eng.vmware.com"<br>}<br><br>Response code : 200 OK | 400 - Bad Request<br>**When NTP server hostname is blank.**<br>Sample Request body :<br>{<br>"name": "ntp-server1",<br><br>"hostName": ""<br>}<br><br>Response code : 400 Bad Request<br>Response body :<br>{<br>"status": "",<br>"message": "NTP hostname cannot be blank.",<br>"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",<br><br>"errorLabel": "Request Payload does not comply with constraints.",<br><br>"recommendations": []<br>}<br>**When NTP server name is blank.**<br>Sample Request body :<br>{<br>"name": "",<br>"hostName": "ntp1.eng.vmware.com"<br>} | This API is used to update NTP server **name** for already existing NTP server. |

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| | | | Response Code : 400 Bad Request<br>Response body :<br>{<br>"status": "",<br>"message": "NTP name cannot be blank.",<br>"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",<br><br>"errorLabel": "Request Payload does not comply with constraints.",<br><br>"recommendations": []<br>}<br>409 - Conflict<br><br>**When NTP server name already exist.**<br>Sample Request body :<br>{<br>"name": "NTP-SERVER1",<br>"hostName": "ntp2.eng.vmware.com"<br>}<br><br>Response Code : 409 Conflict<br>Response body :<br>{<br>"status": "", | |

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| | | | "message": "NTP server name already exist.", "errorCode": "LCM_SETTINGS_API_ERROR0003", "errorLabel": "Settings data already exist.", "recommendations": [] } <br> The picture can... 404 - Not Found <br> **When NTP server does not exist.** <br> Sample Request body : { "name": "ntp-server3", "hostName": "ntp3.eng.vmware.com" } <br><br> Response Code : 404 Not Found <br> Response body : { "status": "", "message": "NTP server (hostName) does not exist.", "errorCode": "LCM_SETTINGS_API_ERROR0002", "errorLabel": "Settings data does not exist.", | |

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| | | | "recommendations": []<br>} | |

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| Delete Product NTP Settings<br><br>[Deprecated] | DELETE | /lcm/lcops/api/v2/settings/ntp-servers<br>Request body : "ntpConfigurationDTO"<br>{<br>"name": "ntp-server2",<br>"hostName": "ntp1.eng.vmware.com"<br>}<br>Response code : 200 OK | 400 - Bad Request<br>**When NTP server hostname is blank.**<br>Sample Request body :<br>{<br>"name": "ntp-server1",<br><br>"hostName": ""<br>}<br><br>Response code : 400 Bad Request<br>Response body :<br>{<br>"status": "",<br>"message": "NTP hostname cannot be blank.",<br>"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",<br><br>"errorLabel": "Request Payload does not comply with constraints.",<br><br>"recommendations": []<br>}<br>**When NTP server name is blank.**<br>Sample Request body :<br>{<br>"name": "",<br>"hostName": "ntp1.eng.vmware.com"<br>} | This API is used to delete NTP server by **hostName**. |

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| | | | Response Code : 400 Bad Request<br>Response body :<br>{<br>"status": "",<br>"message": "NTP name cannot be blank.",<br>"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",<br><br>"errorLabel": "Request Payload does not comply with constraints.",<br><br>"recommendations": []<br>}<br>404 - Not Found<br>**When NTP server does not exist.**<br>Sample Request body :<br>{<br>"name": "ntp-server3",<br>"hostName": "ntp3.eng.vmware.com"<br>}<br><br>Response Code : 404 Not Found<br>Response body :<br>{<br>"status": "",<br>"message": "NTP server (hostName) | |

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| | | | does not exist.",<br>  "errorCode": "LCM_SETTINGS_API_ERROR0002",<br><br>"errorLabel": "Settings data does not exist.",<br><br>"recommendations": []<br>} | |
| Delete Product NTP Settings | DELETE | /lcm/lcops/api/v3/settings/ntp-servers<br>Request body :<br>ntpHostname : ntp1.eng.vmware.com<br><br>Response code : 200 OK<br>Response body :<br>{<br>  "name": "ntp-server1",<br>  "hostName": "ntp1.eng.vmware.com"<br>} | | |

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| Get Proxy Settings | GET | /lcm/lcops/api/v2/settings/proxies<br>Response code : 200 OK<br>Response body :<br>{<br>"proxyEnabled": true,<br>"hostName": "10.196.15.121",<br>"port": 22,<br>"userName": "admin@local",<br>"password": "locker:password:5b9d1a8e-49dc-4137-9f8a-b0c2fbb12fe3:VMware1!",<br><br>"proxyEnabledInContentMgmt": false<br>} | | This API is used to get the Proxy details. |

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| Save Proxy Settings | POST | /lcm/lcops/api/v2/settings/proxies<br>Request body :<br>"proxyConfigurationDTO"<br>{<br>"hostName": "10.196.15.121",<br>"password": "VMware1!",<br>"port": 0,<br>"proxyEnabled": true,<br><br>"proxyEnabledInContentMgmt": true,<br>"userName": "admin@local"<br>}<br><br>Response code : 200 OK<br>Response body :<br>{<br>"proxyEnabled": true,<br>"hostName": "10.196.15.121",<br>"port": 0,<br>"userName": "admin@local",<br>"password": "VMware1!",<br><br>"proxyEnabledInContentMgmt": true<br>} | 400 - Bad Request<br>**When Proxy hostname is blank.**<br>Sample Request body :<br>{<br>"hostName": "",<br>"password": "VMware1!",<br>"port": 0,<br><br>"proxyEnabled": true,<br><br>"proxyEnabledInContentMgmt": true,<br>"userName": "admin@local"<br>}<br><br>Response Code : 400 Bad Request<br>Response body :<br>{<br>"status": "",<br>"message": "Proxy hostname cannot be blank.",<br>"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",<br><br>"errorLabel": "Request Payload does not comply with constraints.",<br><br>"recommendations": []<br>} | This API is used to save the Proxy details. |

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| Update Proxy Settings | PUT | /lcm/lcops/api/v2/settings/proxies<br>Request body : "proxyConfigurationDTO"<br>{<br>"hostName": "10.196.15.96",<br>"password": "VMware1!",<br>"port": 0,<br>"proxyEnabled": true,<br>"proxyEnabledInContentMgmt": true,<br>"userName": "admin@local"<br>}<br><br>Response code : 200 OK | 400 - Bad Request<br>**When Proxy hostname is blank.**<br>Sample Request body :<br>{<br>"hostName": "",<br>"password": "VMware1!",<br>"port": 0,<br>"proxyEnabled": true,<br>"proxyEnabledInContentMgmt": true,<br>"userName": "admin@local"<br>}<br><br>Response Code : 400 Bad Request<br>Response body :<br>{<br>"status": "",<br>"message": "Proxy hostname cannot be blank.",<br>"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",<br>"errorLabel": "Request Payload does not comply with constraints.",<br>"recommendations": []<br>} | This API is used to update the proxy details. |

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| Get Product SNMP Settings | GET | /lcm/lcops/api/v2/settings/snmp<br>Response code : 200 OK<br>Response body :<br>[<br>{<br>"snmpName": "snmp1",<br>"snmpVersion": "v2c",<br>"communityString": "test",<br>"username": null,<br>"contextName": null,<br>"authType": null,<br>"authPassword": null,<br>"privacyType": null,<br>"privacyPassword": null<br>},<br>{<br>"snmpName": "snmp2",<br>"snmpVersion": "v2c",<br>"communityString": "test",<br>"username": null,<br>"contextName": null,<br>"authType": null,<br>"authPassword": null,<br>"privacyType": null,<br>"privacyPassword": null<br>}<br>] | | This API is used to get the all SNMP details. |

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| Save Product SNMP Settings | POST | /lcm/lcops/api/v2/settings/snmp<br>Request body :<br>"snmpConfigurationDTO"<br>{<br>"snmpName": "snmp2",<br>"snmpVersion": "v2c",<br>"communityString": "test",<br>"username": null,<br>"contextName": null,<br>"authType": null,<br>"authPassword": null,<br>"privacyType": null,<br>"privacyPassword": null<br>}<br><br>Response code : 200 OK<br>Response body :<br>{<br>"snmpName": "snmp2",<br>"snmpVersion": "v2c",<br>"communityString": "test",<br>"username": null,<br>"contextName": null,<br>"authType": null,<br>"authPassword": null,<br>"privacyType": null,<br>"privacyPassword": null<br>} | 400 - Bad Request<br>**When SNMP name is blank.**<br>Sample Request body :<br>{<br>"snmpName": "",<br>"snmpVersion": "v2c",<br>"communityString": "test",<br>"username": null,<br>"contextName": null,<br>"authType": null,<br>"authPassword": null,<br>"privacyType": null,<br>"privacyPassword": null<br>}<br><br>Response Code : 400 Bad Request<br>Response body :<br>{<br>"status": "",<br>"message": "SNMP name cannot be blank.",<br>"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",<br>"errorLabel": "Request | This API is used to add a SNMP configuration. |

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| | | | Payload does not comply with constraints.",<br><br>"recommendations": []<br>}<br>**When SNMP version is blank.**<br>Sample Request body :<br>{<br>"snmpName": "snmp2",<br><br>"snmpVersion": "",<br><br>"communityString": "test",<br>"username": null,<br><br>"contextName": null,<br>"authType": null,<br><br>"authPassword": null,<br><br>"privacyType": null,<br><br>"privacyPassword": null<br>}<br><br>Response Code : 400 Bad Request<br>Response body :<br>{<br>"status": "",<br>"message": "SNMP version cannot be blank.",<br>"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000", | |

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|---|---|---|---|---|
| | | | "errorLabel": "Request Payload does not comply with constraints.",<br><br>"recommendations": []<br>}<br>**When Community String is blank.**<br>Sample Request body :<br>{<br>"snmpName": "snmp2",<br><br>"snmpVersion": "v2c",<br><br>"communityString": "",<br>"username": null,<br><br>"contextName": null,<br>"authType": null,<br><br>"authPassword": null,<br><br>"privacyType": null,<br><br>"privacyPassword": null<br>}<br><br>Response Code : 400 Bad Request<br>Response body :<br>{<br>"status": "",<br>"message": "Community String cannot be blank.", | |

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| | | | "errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",<br><br>"errorLabel": "Request Payload does not comply with constraints.",<br><br>"recommendations": []<br>} | |
| Update Product SNMP Settings | PUT | /lcm/lcops/api/v2/settings/snmp<br>Request body : "snmpConfigurationDTO"<br>{<br>"snmpName": "snmp2",<br>"snmpVersion": "v2c",<br><br>"communityString": "test-3",<br>"username": null,<br>"contextName": null,<br>"authType": null,<br>"authPassword": null,<br>"privacyType": null,<br><br>"privacyPassword": null<br>}<br><br>Response code : 200 OK | | This API is used to update community string and other details. |

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| Delete Product SNMP Settings | DELETE | /lcm/lcops/api/v2/settings/snmp/{snmpName}<br>Request parameter :<br>snmpName : snmp2<br><br>Response code : 200 OK<br>Response body :<br>{<br>"snmpName": "snmp2",<br>"snmpVersion": "v2c",<br><br>"communityString": "test-3",<br>"username": null,<br>"contextName": null,<br>"authType": null,<br>"authPassword": null,<br>"privacyType": null,<br><br>"privacyPassword": null<br>} | | This API is used to delete a SNMP entry by SNMP name. |

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|---|---|---|---|---|
| Get Log Insight Agent Settings | GET | /lcm/lcops/api/v2/settings/log-insight-agent<br>Response code : 200 OK<br>Response body :<br>{<br>"hostName": "lcm-57-85.sqa.local",<br>"portNumber": "9543",<br>"protocol": "CFAPI",<br>"sslEnabled": true,<br>"bundleFilePath": "",<br>"sslTrustAcceptAny": true,<br>"sslTrustAcceptTrusted": true,<br>"sslCommonName": "",<br>"reconnect": "30",<br>"maxBufferSize": "2000"<br>} | | This API is used to fetch the **Log Insight Agent** details saved for vRSLCM. |

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|---|---|---|---|---|
| Save Log Insight Agent Settings | POST | /lcm/lcops/api/v2/settings/log-insight-agent<br>Request body :<br>"logInsightAgentConfigurationDTO"<br>{<br>"hostName": "lcm-57-85.sqa.local",<br>"portNumber": "9543",<br>"protocol": "CFAPI",<br>"sslEnabled": true,<br>"bundleFilePath": "",<br>"sslTrustAcceptAny": true,<br>"sslTrustAcceptTrusted": true,<br>"sslCommonName": "",<br>"reconnect": "30",<br>"maxBufferSize": "2000"<br>}<br><br>Response code : 200 OK<br>Response body :<br>{<br>"hostName": "lcm-57-85.sqa.local",<br>"portNumber": "9543",<br>"protocol": "CFAPI",<br>"sslEnabled": true,<br>"bundleFilePath": "",<br>"sslTrustAcceptAny": true,<br>"sslTrustAcceptTrusted": true,<br>"sslCommonName": "",<br>"reconnect": "30",<br>"maxBufferSize": "2000"<br>} | 400 - Bad Request<br>**When LogInsight server hostname provided is blank.**<br>Sample Request body :<br>{<br>"hostName": "",<br>"portNumber": "9543",<br>"protocol": "CFAPI",<br>"sslEnabled": true,<br>"bundleFilePath": "",<br>"sslTrustAcceptAny": true,<br>"sslTrustAcceptTrusted": true,<br>"sslCommonName": "",<br>"reconnect": "30",<br>"maxBufferSize": "2000"<br>}<br><br>Response code : 400 Bad Request<br>Response body :<br>{<br>"status": "",<br>"message": "LogInsight server hostname cannot be blank.", | This API is used to save **Log Insight Agent** details for vRSLCM, which is used to collect events from log files and forwards them to a **vRealize Log Insight server**.<br><br>• Note : Default values of **reconnect** and **maxBufferSize** are **30** and **2000** respectively. |

| | | | | |
|---|---|---|---|---|
| | | | "errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",<br><br>"errorLabel": "Request Payload does not comply with constraints.",<br><br>"recommendations": []<br>}<br>**When LogInsight server protocol is blank.**<br>Sample Request body :<br>{<br>"hostName": "lcm-57-85.sqa.local",<br><br>"portNumber": "9543",<br>"protocol": "",<br><br>"sslEnabled": true,<br><br>"bundleFilePath": "",<br><br>"sslTrustAcceptAny": true,<br><br>"sslTrustAcceptTrusted": true,<br><br>"sslCommonName": "",<br>"reconnect": "30",<br><br>"maxBufferSize": "2000"<br>} | |

| | | | | |
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| | | | Response Code : 400 Bad Request<br>Response body :<br>{<br>"status": "",<br>"message": "LogInsight server protocol cannot be blank.",<br>"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",<br><br>"errorLabel": "Request Payload does not comply with constraints.",<br><br>"recommendations": []<br>} | |

# Health Operation APIs

| Name | HTTP Method | Endpoint |
|---|---|---|
| Check vRSLCM Health Status | GET | /lcm/health/api/v2/status<br>Response code : 200 OK<br>Response body :<br>{<br>"bootstrap": "UP",<br>"postgres": "UP",<br>"blackstone": "UP",<br>"vrlcm-server": "UP"<br>} |

# Pre-Validation Report Operation APIs

| Name | HTTP Method | Endpoint |
|---|---|---|

| | | |
|---|---|---|
| Get Pre-Validation Report by ID | GET | /lcm/request/api/v2/requests/{requestId}/pre-validation-report<br>Request parameter :<br>RequestId : d74db999-ac5f-4598-b7a2-f1452fa7620d<br><br>Response code : 200 OK<br>Response body :<br>{<br>"rootValidations": [<br>{<br>"id": null,<br>"checkName": "Infrastructure Validations",<br>"checkType": null,<br>"status": "PASSED",<br>"recommendations": null,<br>"resultDescription": null,<br>"elementType": "GROUP",<br>"childElements": [<br>{<br>"id": null,<br>"checkName": "Vcenter Validations",<br>"checkType": null,<br>"status": "PASSED",<br>"recommendations": null,<br>"resultDescription": null,<br>"elementType": "GROUP",<br>"childElements": [<br>{<br>"id": null,<br>"checkName": "lcm-vc.sqa.local",<br>"checkType": null,<br>"status": "PASSED",<br>"recommendations": null,<br>"resultDescription": null,<br>"elementType": "RESOURCE",<br>"childElements": [<br>{<br>"id": null,<br>"checkName": "Check credentials for the given vCenter.",<br>"checkType": "ERROR",<br>"status": "PASSED",<br>"recommendations": null,<br>"resultDescription": "Check if correct credentials have been provided for the given vCenter.",<br>"elementType": "CHECK",<br>"childElements": null<br>}<br>]<br>}<br>]<br>},<br>{<br>"id": null,<br>"checkName": "Cluster Validations", |

```
          "checkType": null,
          "status": "PASSED",
          "recommendations": null,
          "resultDescription": null,
          "elementType": "GROUP",
          "childElements": [
            {
              "id": null,
              "checkName": "LCM-DC#LCM-Cluster-01",
              "checkType": null,
              "status": "PASSED",
              "recommendations": null,
              "resultDescription": null,
              "elementType": "RESOURCE",
              "childElements": [
                {
                  "id": null,
                  "checkName": "Existence check for a
cluster in the given vCenter and data center.",
                  "checkType": "ERROR",
                  "status": "PASSED",
                  "recommendations": null,
                  "resultDescription": "Check if the given
cluster is existing in the vCenter and data center.",
                  "elementType": "CHECK",
                  "childElements": null
                },
                {
                  "id": null,
                  "checkName": "Admin role permission
check for the cluster in the given vCenter and data
center.",
                  "checkType": "WARNING",
                  "status": "PASSED",
                  "recommendations": null,
                  "resultDescription": "Check if the admin
role permissions are available on the resources selected
in the given vCenter and data center.",
                  "elementType": "CHECK",
                  "childElements": null
                },
                {
                  "id": null,
                  "checkName": "Firewall check on all the
hosts.",
                  "checkType": "ERROR",
                  "status": "PASSED",
                  "recommendations": null,
                  "resultDescription": "Check if port 443
is accessible on all the ESXi hosts in the cluster from
LCM va",
                  "elementType": "CHECK",
                  "childElements": null
                }
              ]
            }
```

```
          ]
        },
        {
          "id": null,
          "checkName": "Datastore Validations",
          "checkType": null,
          "status": "PASSED",
          "recommendations": null,
          "resultDescription": null,
          "elementType": "GROUP",
          "childElements": [
            {
              "id": null,
              "checkName": "[vc=lcm-vc.sqa.local,
cluster=LCM-DC#LCM-Cluster-01, datastore=FC-5TB-new]",
              "checkType": null,
              "status": "PASSED",
              "recommendations": null,
              "resultDescription": null,
              "elementType": "RESOURCE",
              "childElements": [
                {
                  "id": null,
                  "checkName": "Accessibility check for
datastore in the given vCenter, data center and cluster.",
                  "checkType": "ERROR",
                  "status": "PASSED",
                  "recommendations": null,
                  "resultDescription": "Check if the
datastore is accessible and active in the given vCenter,
data center and cluster.",
                  "elementType": "CHECK",
                  "childElements": null
                },
                {
                  "id": null,
                  "checkName": "Disk Space availability
check for Datastore in given vCenter, data center and
cluster.",
                  "checkType": "WARNING",
                  "status": "PASSED",
                  "recommendations": null,
                  "resultDescription": "Check if there is
enough disk space available on datastore. If the datastore
is part of a datastore cluster and storage DRS is set to
fully automated, validate the overall space
availability.",
                  "elementType": "CHECK",
                  "childElements": null
                },
                {
                  "id": null,
                  "checkName": "Existence check for
datastore in the given vCenter, data center and cluster.",
                  "checkType": "ERROR",
                  "status": "PASSED",
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                  "recommendations": null,
                  "resultDescription": "Check if the
datastore exists in the given vCenter, data center and
cluster.",
                  "elementType": "CHECK",
                  "childElements": null
                }
              ]
            }
          ]
        },
        {
          "id": null,
          "checkName": "Network Validations",
          "checkType": null,
          "status": "PASSED",
          "recommendations": null,
          "resultDescription": null,
          "elementType": "GROUP",
          "childElements": [
            {
              "id": null,
              "checkName": "infra-traffic-1006",
              "checkType": null,
              "status": "PASSED",
              "recommendations": null,
              "resultDescription": null,
              "elementType": "RESOURCE",
              "childElements": [
                {
                  "id": null,
                  "checkName": "Available free port check
for port group in the given vCenter, data center and
cluster.",
                  "checkType": "ERROR",
                  "status": "PASSED",
                  "recommendations": null,
                  "resultDescription": "Check if free port
is available in the given vCenter, data center and
cluster.",
                  "elementType": "CHECK",
                  "childElements": null
                },
                {
                  "id": null,
                  "checkName": "Existence check for
network in the given vCenter, data center and cluster.",
                  "checkType": "ERROR",
                  "status": "PASSED",
                  "recommendations": null,
                  "resultDescription": "Check if network
exists in the given vCenter, data center and cluster.",
                  "elementType": "CHECK",
                  "childElements": null
                }
              ]
```

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            }
          ]
        },
        {
          "id": null,
          "checkName": "Virtual Machine Validations",
          "checkType": null,
          "status": "PASSED",
          "recommendations": null,
          "resultDescription": null,
          "elementType": "GROUP",
          "childElements": [
            {
              "id": null,
              "checkName": "vidm-primary-kbolaj251",
              "checkType": null,
              "status": "PASSED",
              "recommendations": null,
              "resultDescription": null,
              "elementType": "RESOURCE",
              "childElements": [
                {
                  "id": null,
                  "checkName": "VM name conflict check in
the given vCenter and cluster.",
                  "checkType": "ERROR",
                  "status": "PASSED",
                  "recommendations": null,
                  "resultDescription": "Check if the VM
name is not conflicting in the given vCenter and
cluster/folder.",
                  "elementType": "CHECK",
                  "childElements": null
                },
                {
                  "id": null,
                  "checkName": "Host name conflict check
for the virtual machine.",
                  "checkType": "ERROR",
                  "status": "PASSED",
                  "recommendations": null,
                  "resultDescription": "Check if host name
is not conflicting with any virtual machine.",
                  "elementType": "CHECK",
                  "childElements": null
                },
                {
                  "id": null,
                  "checkName": "IP Address conflict check
for the virtual machine.",
                  "checkType": "ERROR",
                  "status": "PASSED",
                  "recommendations": null,
                  "resultDescription": "Check if IP
address is not conflicting with any virtual machine.",
                  "elementType": "CHECK",
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                  "childElements": null
                },
                {
                  "id": null,
                  "checkName": "IP address resolvability
check.",
                  "checkType": "ERROR",
                  "status": "PASSED",
                  "recommendations": null,
                  "resultDescription": "IP address
'10.198.34.251' is resolved.",
                  "elementType": "CHECK",
                  "childElements": null
                }
              ]
            }
          ]
        },
        {
          "id": null,
          "checkName": "DNS Server Validations",
          "checkType": null,
          "status": "PASSED",
          "recommendations": null,
          "resultDescription": null,
          "elementType": "GROUP",
          "childElements": [
            {
              "id": null,
              "checkName": "DNS server reachability
check.",
              "checkType": "WARNING",
              "status": "PASSED",
              "recommendations": null,
              "resultDescription": "DNS Server
'10.118.183.252' is reachable.",
              "elementType": "CHECK",
              "childElements": null
            },
            {
              "id": null,
              "checkName": "DNS server reachability
check.",
              "checkType": "WARNING",
              "status": "PASSED",
              "recommendations": null,
              "resultDescription": "DNS Server
'10.141.66.213' is reachable.",
              "elementType": "CHECK",
              "childElements": null
            }
          ]
        },
        {
          "id": null,
          "checkName": "Network Gateway Validations",
```

```
          "checkType": null,
          "status": "PASSED",
          "recommendations": null,
          "resultDescription": null,
          "elementType": "GROUP",
          "childElements": [
            {
              "id": null,
              "checkName": "Network Gateway reachability
check.",
              "checkType": "ERROR",
              "status": "PASSED",
              "recommendations": null,
              "resultDescription": "Network Gateway
'10.198.35.253' is reachable.",
              "elementType": "CHECK",
              "childElements": null
            }
          ]
        },
        {
          "id": null,
          "checkName": "Content Library Item Validations",
          "checkType": null,
          "status": "PASSED",
          "recommendations": null,
          "resultDescription": null,
          "elementType": "GROUP",
          "childElements": []
        }
      ]
    },
    {
      "id": null,
      "checkName": "Data validation",
      "checkType": null,
      "status": "PASSED",
      "recommendations": null,
      "resultDescription": null,
      "elementType": "GROUP",
      "childElements": [
        {
          "id": null,
          "checkName": "Input schema",
          "checkType": null,
          "status": "PASSED",
          "recommendations": null,
          "resultDescription": null,
          "elementType": null,
          "childElements": [
            {
              "id": null,
              "checkName": "Input schema validation",
              "checkType": "ERROR",
              "status": "PASSED",
              "recommendations": null,
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              "resultDescription": "Success. all the
schema validations passed",
              "elementType": null,
              "childElements": null
            }
          ]
        },
        {
          "id": null,
          "checkName": "Input format",
          "checkType": null,
          "status": "PASSED",
          "recommendations": null,
          "resultDescription": null,
          "elementType": null,
          "childElements": [
            {
              "id": null,
              "checkName": "Input format",
              "checkType": "ERROR",
              "status": "PASSED",
              "recommendations": null,
              "resultDescription": "Success. all the
format validations passed",
              "elementType": null,
              "childElements": null
            }
          ]
        },
        {
          "id": null,
          "checkName": "Component Property validation",
          "checkType": null,
          "status": "PASSED",
          "recommendations": null,
          "resultDescription": null,
          "elementType": null,
          "childElements": [
            {
              "id": null,
              "checkName": "Duplicate Component property
check",
              "checkType": "ERROR",
              "status": "PASSED",
              "recommendations": null,
              "resultDescription": "Success. Component
property check passed",
              "elementType": null,
              "childElements": null
            }
          ]
        },
        {
          "id": null,
          "checkName": "Certificate Validation",
          "checkType": null,
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```
          "status": "PASSED",
          "recommendations": null,
          "resultDescription": null,
          "elementType": null,
          "childElements": [
            {
              "id": null,
              "checkName": "Certificate validation for
component vidm:vidm-primary-kbolaj251",
              "checkType": "ERROR",
              "status": "PASSED",
              "recommendations": null,
              "resultDescription": "Success. All the
certificate validation passed",
              "elementType": null,
              "childElements": null
            },
            {
              "id": null,
              "checkName": "Certificate key length
validation for vIDM",
              "checkType": "ERROR",
              "status": "PASSED",
              "recommendations": null,
              "resultDescription": "Provided certificate
private key length is valid for vIDM",
              "elementType": null,
              "childElements": null
            }
          ]
        },
        {
          "id": null,
          "checkName": "GENERIC",
          "checkType": null,
          "status": "PASSED",
          "recommendations": null,
          "resultDescription": null,
          "elementType": null,
          "childElements": [
            {
              "id": null,
              "checkName": "Environment validation",
              "checkType": null,
              "status": "PASSED",
              "recommendations": null,
              "resultDescription": null,
              "elementType": null,
              "childElements": [
                {
                  "id": null,
                  "checkName": "Environment name check",
                  "checkType": "ERROR",
                  "status": "PASSED",
                  "recommendations": null,
```

```
                    "resultDescription": "Environment name
is valid.",
                    "elementType": null,
                    "childElements": null
                  },
                  {
                    "id": null,
                    "checkName": "Datacenter check",
                    "checkType": "ERROR",
                    "status": "PASSED",
                    "recommendations": null,
                    "resultDescription": "Provided
Datacenter exists.",
                    "elementType": null,
                    "childElements": null
                  },
                  {
                    "id": null,
                    "checkName": "vCenter name check",
                    "checkType": "ERROR",
                    "status": "PASSED",
                    "recommendations": null,
                    "resultDescription": "vCenter given
exists.",
                    "elementType": null,
                    "childElements": null
                  },
                  {
                    "id": null,
                    "checkName": "vCenter data collection
check",
                    "checkType": "ERROR",
                    "status": "PASSED",
                    "recommendations": null,
                    "resultDescription": "vCenter data
collection is completed",
                    "elementType": null,
                    "childElements": null
                  }
                ]
              },
              {
                "id": null,
                "checkName": "Source mappings validation",
                "checkType": null,
                "status": "PASSED",
                "recommendations": null,
                "resultDescription": null,
                "elementType": null,
                "childElements": [
                  {
                    "id": null,
                    "checkName": "Source mapping record for
a product check",
                    "checkType": "ERROR",
                    "status": "PASSED",
```

```
                    "recommendations": null,
                    "resultDescription": "Found the source
mapping record for 'vidm 3.3.2 vidminstall'",
                    "elementType": null,
                    "childElements": null
                  }
                ]
              },
              {
                "id": null,
                "checkName": "Products information
validation",
                "checkType": null,
                "status": "PASSED",
                "recommendations": null,
                "resultDescription": null,
                "elementType": null,
                "childElements": [
                  {
                    "id": null,
                    "checkName": "Product ID validation",
                    "checkType": "ERROR",
                    "status": "PASSED",
                    "recommendations": null,
                    "resultDescription": "'vidm' is a
valid/supported product id",
                    "elementType": null,
                    "childElements": null
                  },
                  {
                    "id": null,
                    "checkName": "Product version
validation",
                    "checkType": "ERROR",
                    "status": "PASSED",
                    "recommendations": null,
                    "resultDescription": "'3.3.2' is a
valid/supported version of product id 'vidm'",
                    "elementType": null,
                    "childElements": null
                  }
                ]
              },
              {
                "id": null,
                "checkName": "Source mappings validation",
                "checkType": null,
                "status": "PASSED",
                "recommendations": null,
                "resultDescription": null,
                "elementType": null,
                "childElements": [
                  {
                    "id": null,
                    "checkName": "Source mapping record for
a product check",
```

```
                    "checkType": "ERROR",
                    "status": "PASSED",
                    "recommendations": null,
                    "resultDescription": "Found the source
mapping record for 'vidm 3.3.2 vidminstall'",
                    "elementType": null,
                    "childElements": null
                  }
                ]
              }
            ]
          }
        ]
      },
      {
        "id": null,
        "checkName": "VMware Identity Manager Validations",
        "checkType": "ERROR",
        "status": "PASSED",
        "recommendations": null,
        "resultDescription": null,
        "elementType": "GROUP",
        "childElements": [
          {
            "id": null,
            "checkName": "Product level Validations",
            "checkType": null,
            "status": "PASSED",
            "recommendations": null,
            "resultDescription": null,
            "elementType": "GROUP",
            "childElements": [
              {
                "id": null,
                "checkName": "lcm-15-55.eng.vmware.com",
                "checkType": null,
                "status": "PASSED",
                "recommendations": null,
                "resultDescription": null,
                "elementType": "RESOURCE",
                "childElements": [
                  {
                    "id": null,
                    "checkName": "vRSLCM FQDN validation for
hostname",
                    "checkType": "ERROR",
                    "status": "PASSED",
                    "recommendations": null,
                    "resultDescription": "vRSLCM hostname -
' lcm-15-55.eng.vmware.com ' provided is Fully Qualified
Domain Name(FQDN)",
                    "elementType": "CHECK",
                    "childElements": null
                  }
                ]
              },
```

```
            {
              "id": null,
              "checkName": "10.198.34.251",
              "checkType": null,
              "status": "PASSED",
              "recommendations": null,
              "resultDescription": null,
              "elementType": "RESOURCE",
              "childElements": [
                {
                  "id": null,
                  "checkName": "IP Address reachability
check.",
                  "checkType": "ERROR",
                  "status": "PASSED",
                  "recommendations": null,
                  "resultDescription": "IP address
'10.198.34.251' is not reachable.",
                  "elementType": "CHECK",
                  "childElements": null
                },
                {
                  "id": null,
                  "checkName": "IP address resolvability
check.",
                  "checkType": "ERROR",
                  "status": "PASSED",
                  "recommendations": null,
                  "resultDescription": "IP address
'10.198.34.251' is resolved.",
                  "elementType": "CHECK",
                  "childElements": null
                }
              ]
            },
            {
              "id": null,
              "checkName": "lcm-34-251.sqa.local",
              "checkType": null,
              "status": "PASSED",
              "recommendations": null,
              "resultDescription": null,
              "elementType": "RESOURCE",
              "childElements": [
                {
                  "id": null,
                  "checkName": "vIDM FQDN validation for
hostname",
                  "checkType": "ERROR",
                  "status": "PASSED",
                  "recommendations": null,
                  "resultDescription": "vIDM hostname lcm-
34-251.sqa.local provided is Fully Qualified Domain
Name(FQDN)",
                  "elementType": "CHECK",
                  "childElements": null
```

| | | |
|---|---|---|
| | | }, { "id": null, "checkName": "Hostname resolvability check.", "checkType": "ERROR", "status": "PASSED", "recommendations": null, "resultDescription": "Host name 'lcm-34-251.sqa.local' is resolved.", "elementType": "CHECK", "childElements": null } ] } ] } ] } ], "manualValidations": null, "overallStatus": true, "requestState": "COMPLETED", "lastUpdateTimeMillis": 1595919777550, "startTimeMillis": 0, "requestId": null } |

# Security Operation APIs

| Name | HTTP Method | Endpoint | Description |
|---|---|---|---|
| Get FIPS status for vRSLCM appliance and services | GET | /lcm/locker/api/security/fips<br>Response code : 200 OK<br>Response body :<br>{ "enabled": false, "state": "DISABLED", "description": "FIPS mode is disabled for vRLSLCM appliance and services.", "request": null } | Response will be based on whether the FIPS state is enabled or disabled. |

| | | | |
|---|---|---|---|
| Set FIPS status for vRSLCM appliance and services | POST | /lcm/locker/api/security/fips<br>Request body :<br>{<br>"description": "string",<br>"enabled": true,<br>"request": {<br>"requestId": "string"<br>},<br>"state": "ENABLED"<br>}<br><br>Response code : 200 OK<br>Response body:<br>{<br>"enabled": false,<br>"state": "CHANGING",<br>"description": "Enabling FIPS mode for vRSLCM appliance and services.",<br>"request": {<br>"requestId": "1d23b8c3-1b0a-4a7b-b97a-e1ede860bfd5"<br>}<br>} | Here in request body, the value of field "**enabled**" will be **true** to enable FIPS and **false** to disable FIPS |

# User & Group Management Authentication APIs

## Authentication Provider Login Operation APIs

| Name | HTTP Method | Endpoint | Error response code | Description |
|---|---|---|---|---|

| | | | | |
|---|---|---|---|---|
| Reset Authentication Provider in vRSLCM | POST | /lcm/authzn/api/v2/re-register/auth-provider<br>Response code : 200 OK<br>Response body :<br>{<br>"vmid": "53ab05f3-fbd7-4f70-be4c-b1918cf807a9",<br>"transactionId": null,<br>"requestName": "setauthprovider",<br>"requestReason": "Set Authentication Provider for vRSLCM",<br>"requestType": "Set Authentication Provider for vRSLCM",<br>"requestSource": null,<br>"requestSourceType": "user",<br>"inputMap": {<br>"environmentId": "globalenvironment",<br>"environmentName": "globalenvironment"<br>},<br>"outputMap": {},<br>"state": "CREATED",<br>"executionId": null,<br>"executionPath": null,<br>"executionStatus": null,<br>"errorCause": null,<br>"resultSet": null,<br>"isCancelEnabled": null, | | This API is used to reset the Authentication provider in vRSLCM.<br><br>Make sure **globalenvironment** is present in vRSLCM. |

| | | | | |
|---|---|---|---|---|
| | | "lastUpdatedOn": 1595910744828, "createdBy": null } | | |

| | | | | |
|---|---|---|---|---|
| Updates vRSLCM FQDN on the Authentication Provider vIDM | POST | /lcm/authzn/api/v2/update/vrlcm-host-with-provider<br>Request body : "authProviderUpdLcmHostReqDTO"<br>{<br><br>"lcmCatalogAppName": "vRSLCM",<br><br>"lcmHostUri": "https://lcm-15-55.eng.vmware.com",<br><br>"lcmHostname": "lcm-15-55.eng.vmware.com"<br>}<br><br>Response code : 200 OK<br>Response body :<br>{<br>  "vmid": "89af2a3f-f4e7-4c50-9d6b-5dbc73ff956d",<br><br>"transactionId": null,<br><br>"requestName": "updateauthproviderwithlcmhost",<br><br>"requestReason": "Update Auth provider with LCM hostname",<br><br>"requestType": "Update Auth | 400 - Bad Request<br>**When lcmHostname is blank.**<br>Sample Request body :<br>{<br><br>"lcmCatalogAppName": "vRSLCM",<br><br>"lcmHostUri": "https://lcm-15-55.eng.vmware.com",<br><br>"lcmHostname": ""<br>}<br><br>Response Code : 400 Bad Request<br>Response body :<br>{<br>  "status": "",<br>  "message": "lcmHostname should not be null or empty",<br>  "errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",<br><br>"errorLabel": "Request Payload does not comply with constraints.",<br><br>"recommendations": []<br>} | This API updates vRSLCM FQDN on the Authentication provider which is vIDM.<br><br>**"lcmCatalogAppName"** can hold any customized name and is optional. |

| | | | | |
|---|---|---|---|---|
| | | provider with LCM hostname",<br><br>"requestSource": null,<br><br>"requestSourceType": "user",<br>"inputMap": {<br><br>"authProviderUpdLcmHostReqDTO": "{\"lcmHostname\":\"lcm-15-55.eng.vmware.com\",\"lcmHostUri\":\"https://lcm-15-55.eng.vmware.com\",\"lcmCatalogAppName\":\"vRSLCM\"}"<br>},<br>"outputMap": {},<br>"state": "CREATED",<br><br>"executionId": null,<br><br>"executionPath": null,<br><br>"executionStatus": null,<br><br>"errorCause": null,<br>"resultSet": null,<br><br>"isCancelEnabled": null,<br><br>"lastUpdatedOn": 1595911080182,<br>"createdBy": null<br>} | | |

# Authentication User Operation APIs

| Name | HTTP Method | Endpoint | Error Response codes | Description |
|---|---|---|---|---|

| | | | | |
|---|---|---|---|---|
| Get all Provider mapped Users | GET | /lcm/authzn/api/v2/users/provider<br>Response code : 200 OK<br>Response body :<br>[<br>  {<br>  "vmid": "3eef09c1-ae69-4f20-ba97-07f607227b13",<br>  "username": "lcmuser1",<br>  "password": null,<br>  "userType": "VIDM_AD_USER",<br>  "displayName": "lcm user1",<br>  "providerIdentifier": "3d6701ea-0c5b-43e7-871c-468947e86618",<br>  "domain": "sqa.local",<br>  "isDisabled": false,<br>  "userPrincipalName": null,<br>  "userMetadata": {<br>  "distinguishedName": null,<br>  "externalId": "764195c6-5504-4f56-8c34-b372d47f5176",<br>  "emails": [],<br>  "additionalMeta": [],<br>  "givenName": "lcm",<br>  "familyName": "user1"<br>  },<br>  "roleMappings": [<br>  {<br>  "vmid": "b6c2101c-9ae4-43d0-a361-0abaf749358b",<br>  "roleName": "Content Release Manager",<br>  "roleDescription": "Content Release Manager"<br>  }<br>  ]<br>  },<br>  {<br>  "vmid": "0b94b26a-76f7-4dba-ad70-586fdc091d36",<br>  "username": "lcmuser2",<br>  "password": null,<br>  "userType": "VIDM_AD_USER",<br>  "displayName": "lcm user2", | 404 - Not Found<br>**When provider mapped users does not exists.**<br>Response Code : 404 Not Found<br>Response body :<br>{<br>  "status": "",<br>  "message": "Provider mapped users not found",<br>  "errorCode": "LCM_AUTHN_USER_API_ERROR0001",<br>  "errorLabel": "User does not exist.",<br>  "recommendations": []<br>} | This API is used to fetch all provider mapped users.<br><br>Make sure to create users and have corresponding role mappings before triggering this API. |

```
    "providerIdentifier":
"3e6ddf37-113b-41f6-81b4-
78040643e1f7",
    "domain": "sqa.local",
    "isDisabled": false,
    "userPrincipalName":
null,
    "userMetadata": {
      "distinguishedName":
null,
      "externalId":
"d7fb8bba-9cf3-4641-8c4a-
6ee343760c67",
      "emails": [],
      "additionalMeta": [],
      "givenName": "lcm",
      "familyName": "user2"
    },
    "roleMappings": [
      {
        "vmid": "13b6425f-
eba9-4d81-a047-
f14d094c0719",
        "roleName": "LCM
Cloud Admin",
        "roleDescription":
"vRealize Lifecycle Manager
Cloud Admin"
      }
    ]
  },
  {
    "vmid": "c7de73e8-98db-
49b8-bf2c-e4b41d7b41d5",
    "username": "lcmuser3",
    "password": null,
    "userType":
"VIDM_AD_USER",
    "displayName": "lcm
user3",
    "providerIdentifier":
"dcf3bef0-c9b8-4a20-a967-
1f154a32114b",
    "domain": "sqa.local",
    "isDisabled": false,
    "userPrincipalName":
null,
    "userMetadata": {
      "distinguishedName":
null,
      "externalId":
"ff36f00a-b31f-4246-9067-
998717debfb5",
      "emails": [],
      "additionalMeta": [],
      "givenName": "lcm",
```

```
      "familyName": "user3"
    },
    "roleMappings": [
      {
        "vmid": "20d4724c-
05ec-4bcc-9efc-
fc37a4f5167e",
        "roleName": "Content
Developer",
        "roleDescription":
"Content developer"
      }
    ]
  },
  {
    "vmid": "3142c11b-ec9c-
49fe-9891-62793a8c803a",
    "username": "lcmuser4",
    "password": null,
    "userType":
"VIDM_AD_USER",
    "displayName": "lcm
user4",
    "providerIdentifier":
"59f5962e-be39-4127-b9b7-
c1da0d4c1f83",
    "domain": "sqa.local",
    "isDisabled": false,
    "userPrincipalName":
null,
    "userMetadata": {
      "distinguishedName":
null,
      "externalId":
"980af856-9588-4eac-a9ab-
1207e902cfdf",
      "emails": [],
      "additionalMeta": [],
      "givenName": "lcm",
      "familyName": "user4"
    },
    "roleMappings": [
      {
        "vmid": "3a21cf8f-
71ac-49a7-bf3c-
cda0232f5676",
        "roleName": "LCM
Admin",
        "roleDescription":
"vRealize Lifecycle Manager
Administrator"
      }
    ]
  },
  {
```

```
    "vmid": "8f4b8604-65e6-
403d-9e2a-4a10d76a3f52",
    "username": "lcmuser5",
    "password": null,
    "userType":
"VIDM_AD_USER",
    "displayName": "lcm
user5",
    "providerIdentifier":
"83a65f82-9992-4639-98e3-
1fbfae2f2d99",
    "domain": "sqa.local",
    "isDisabled": false,
    "userPrincipalName":
null,
    "userMetadata": {
      "distinguishedName":
null,
      "externalId":
"42575b1e-b6e4-4a82-a1d3-
51ca20d9227d",
      "emails": [],
      "additionalMeta": [],
      "givenName": "lcm",
      "familyName": "user5"
    },
    "roleMappings": [
      {
        "vmid": "b6c2101c-
9ae4-43d0-a361-
0abaf749358b",
        "roleName": "Content
Release Manager",
        "roleDescription":
"Content Release Manager"
      },
      {
        "vmid": "13b6425f-
eba9-4d81-a047-
f14d094c0719",
        "roleName": "LCM
Cloud Admin",
        "roleDescription":
"vRealize Lifecycle Manager
Cloud Admin"
      },
      {
        "vmid": "20d4724c-
05ec-4bcc-9efc-
fc37a4f5167e",
        "roleName": "Content
Developer",
        "roleDescription":
"Content developer"
      },
      {
```

```
        "vmid": "3a21cf8f-71ac-49a7-bf3c-cda0232f5676",
        "roleName": "LCM Admin",
        "roleDescription": "vRealize Lifecycle Manager Administrator"
      }
    ]
  },
  {
    "vmid": "63613ee6-6b0f-49b6-8bf7-5348d7dc5eaa",
    "username": "configadmin",
    "password": null,
    "userType": "VIDM_LOCAL_USER",
    "displayName": "configadmin configadmin",
    "providerIdentifier": "f960a5dc-e227-4d97-a027-82ea7da09271",
    "domain": "System Domain",
    "isDisabled": false,
    "userPrincipalName": null,
    "userMetadata": {
      "distinguishedName": null,
      "externalId": null,
      "emails": [
        "vrslcm@vmware.com"
      ],
      "additionalMeta": null,
      "givenName": "configadmin",
      "familyName": "configadmin"
    },
    "roleMappings": [
      {
        "vmid": "13b6425f-eba9-4d81-a047-f14d094c0719",
        "roleName": "LCM Cloud Admin",
        "roleDescription": "vRealize Lifecycle Manager Cloud Admin"
      }
    ]
  }
```

| | | | | |
|---|---|---|---|---|
| | | ] | | |

| | | | | |
|---|---|---|---|---|
| Get a User by User Name and Domain | GET | /lcm/authzn/api/v2/users/name/{userName}/domain/{domain}<br>Request parameter :<br>username : configadmin<br>domain : System Domain<br><br>Response code : 200 OK<br>Response body :<br>{<br>"vmid": "c05a9777-f5ec-4a4c-b0ba-cd45f808cddd",<br>"username": "configadmin",<br>"password": null,<br>"userType": "VIDM_LOCAL_USER",<br>"displayName": "configadmin configadmin",<br>"providerIdentifier": "6304f1ed-17e0-4128-b86f-e29c6563e32f",<br>"domain": "System Domain",<br>"isDisabled": false,<br>"userPrincipalName": null,<br>"userMetadata": {<br>"distinguishedName": null,<br>"externalId": null,<br>"emails": [<br>"rvishnuvardh@vmware.co"<br>],<br>"additionalMeta": null,<br>"givenName": "configadmin",<br>"familyName": "configadmin"<br>},<br>"roleMappings": [<br>{<br>"vmid": "bc1db11b-245c-4521-ace0-f4b8f96a205a",<br>"roleName": "Certificate Administrator",<br>"roleDescription": "Administrator for Certificate operations",<br>"authorities": "LOCKER_CERTIFICATE_ADMIN",<br>"isInternal": false<br>},<br>{ | 404 - Not Found<br>**When either userName or Domain is invalid.**<br>Request parameter :<br>username : config<br>domain : System Domain<br><br>Response Code : 404 Not Found<br>Response body :<br>{<br>"status": "",<br>"message": "User not found with username : config and domain : System Domain",<br>"errorCode": "LCM_AUTHN_USER_API_ERROR0001",<br>"errorLabel": "User does not exist.",<br>"recommendations": []<br>} | This API is used to fetch a user by userName and Domain. |

| | | | | |
|---|---|---|---|---|
| | | "vmid": "e2854133-51cf-4250-9325-9b9748590b05",<br>"roleName": "LCM Cloud Admin",<br>"roleDescription": "vRealize Lifecycle Manager Cloud Admin",<br>"authorities": "LCM_CLOUD_ADMIN",<br>"isInternal": false<br>},<br>{<br>"vmid": "34fb78e1-43ee-4f36-b71a-c68c58d09b43",<br>"roleName": "Content Release Manager",<br>"roleDescription": "Content Release Manager",<br>"authorities": "RELEASE_MANAGER",<br>"isInternal": false<br>},<br>{<br>"vmid": "722c2945-3b69-4e29-8b32-b3d0d37ee311",<br>"roleName": "Content Developer",<br>"roleDescription": "Content developer",<br>"authorities": "CONTENT_DEVELOPER",<br>"isInternal": false<br>}<br>]<br>} | | |

| | | | | |
|---|---|---|---|---|
| Get a User by Principal Name and Domain | GET | /lcm/authzn/api/v2/users/name/{username}/domain/{domain}<br>Request parameter :<br>upn : configadmin_upn<br>domain : System Domain<br><br>Response code : 200 OK<br>Response body :<br>{<br>"vmid": "c05a9777-f5ec-4a4c-b0ba-cd45f808cddd",<br>"username": "configadmin",<br>"password": null,<br>"userType": "VIDM_LOCAL_USER",<br>"displayName": "configadmin configadmin",<br>"providerIdentifier": "6304f1ed-17e0-4128-b86f-e29c6563e32f",<br>"domain": "System Domain",<br>"isDisabled": false,<br>"userPrincipalName": "configadmin_upn",<br>"userMetadata": {<br>"distinguishedName": null,<br>"externalId": null,<br>"emails": [<br>"kbolaj@vmware.com"<br>],<br>"additionalMeta": null,<br>"givenName": "configadmin",<br>"familyName": "configadmin"<br>},<br>"roleMappings": [<br>{<br>"vmid": "bc1db11b-245c-4521-ace0-f4b8f96a205a",<br>"roleName": "Certificate Administrator",<br>"roleDescription": "Administrator for Certificate operations"<br>},<br>{<br>"vmid": "e2854133-51cf-4250-9325-9b9748590b05",<br>"roleName": "LCM Cloud Admin", | 404 - Not Found<br>**When Principle Name or Domain is invalid.**<br>Request parameter :<br>upn : admin@local<br>domain : LCM General<br><br>Response code : 404 Not Found<br>Response body :<br>{<br>"status": "",<br>"message": "User not found with principal name : admin@local and domain : LCM Local",<br>"errorCode": "LCM_AUTHN_USER_API_ERROR0001",<br>"errorLabel": "User does not exist.",<br><br>"recommendations": []<br>} | This API is used to fetch user details by Principal Name and Domain |

| | | | | |
|---|---|---|---|---|
| | | "roleDescription": "vRealize Lifecycle Manager Cloud Admin"<br>},<br>{<br>"vmid": "34fb78e1-43ee-4f36-b71a-c68c58d09b43",<br>"roleName": "Content Release Manager",<br>"roleDescription": "Content Release Manager"<br>},<br>{<br>"vmid": "722c2945-3b69-4e29-8b32-b3d0d37ee311",<br>"roleName": "Content Developer",<br>"roleDescription": "Content developer"<br>}<br>]<br>} | | |

| | | | | |
|---|---|---|---|---|
| Get a User by Provider Identifier | GET | /lcm/authzn/api/v2/users/providers/{providerId}<br>Request parameter :<br>providerId : 3d6701ea-0c5b-43e7-871c-468947e86618<br><br>Response code : 200 OK<br>Response body :<br>{<br>"vmid": "3eef09c1-ae69-4f20-ba97-07f607227b13",<br>"username": "lcmuser1",<br>"password": null,<br>"userType": "VIDM_AD_USER",<br>"displayName": "lcm user1",<br>"providerIdentifier": "3d6701ea-0c5b-43e7-871c-468947e86618",<br>"domain": "sqa.local",<br>"isDisabled": false,<br>"userPrincipalName": null,<br>"userMetadata": {<br>"distinguishedName": null,<br>"externalId": "764195c6-5504-4f56-8c34-b372d47f5176",<br>"emails": [],<br>"additionalMeta": [],<br>"givenName": "lcm",<br>"familyName": "user1"<br>},<br>"roleMappings": [<br>{<br>"vmid": "b6c2101c-9ae4-43d0-a361-0abaf749358b",<br>"roleName": "Content Release Manager",<br>"roleDescription": "Content Release Manager"<br>}<br>]<br>} | 404 - Not Found<br>**When invalid Provider ID is provided.**<br>Request parameter :<br>providerId : 3d6701ea-0c5b-43e7-871c-468947e86618<br><br>Response Code : 404 Not Found<br>Response body :<br>{<br>"status": "",<br>"message": "User not found with provider identifier : 3d6701ea-0c5b-43e7-871c-468947e86618",<br>"errorCode": "LCM_AUTHN_USER_API_ERROR0001",<br>"errorLabel": "User does not exist.",<br><br>"recommendations": [<br>"Please provide valid provider identifier."<br>]<br>} | This API is used to get a User by Provider ID. |

| | | | | |
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| Add a User and assign role(s) | POST | /lcm/authzn/api/v2/users<br>Request body :<br>"userRequestDTO"<br>{<br>"username": "configadmin",<br>"password": null,<br>"userType": "VIDM_LOCAL_USER",<br>"displayName": "configadmin configadmin",<br>"providerIdentifier": "6304f1ed-17e0-4128-b86f-e29c6563e32f",<br>"domain": "System Domain",<br>"isDisabled": false,<br>"userPrincipalName": "configadmin_upn",<br>"userMetadata": {<br>"distinguishedName": null,<br>"externalId": null,<br>"emails": [<br>"kbolaj@vmware.com"<br>],<br>"additionalMeta": null,<br>"givenName": "configadmin",<br>"familyName": "configadmin"<br>},<br>"mappedRoles": [<br>"722c2945-3b69-4e29-8b32-b3d0d37ee311",<br>"34fb78e1-43ee-4f36-b71a-c68c58d09b43"<br>]<br>}<br><br>Response code : 201 Created<br>Response body :<br>{<br>"vmid": "7c2e877b-f444-4a33-9e9f-ffdfb71ad632",<br>"username": "configadmin",<br>"password": null,<br>"userType": "VIDM_LOCAL_USER",<br>"displayName": "configadmin configadmin", | | This API is used to update add a user and assign roles to it. |

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| | | "providerIdentifier": "6304f1ed-17e0-4128-b86f-e29c6563e32f",<br>"domain": "System Domain",<br>"isDisabled": false,<br>"userPrincipalName": "configadmin_upn",<br>"userMetadata": {<br>"distinguishedName": null,<br>"externalId": null,<br>"emails": [<br>"kbolaj@vmware.com"<br>],<br>"additionalMeta": null,<br>"givenName": "configadmin",<br>"familyName": "configadmin"<br>},<br>"roleMappings": [<br>{<br>"vmid": "722c2945-3b69-4e29-8b32-b3d0d37ee311",<br>"roleName": "Content Developer",<br>"roleDescription": "Content developer"<br>},<br>{<br>"vmid": "34fb78e1-43ee-4f36-b71a-c68c58d09b43",<br>"roleName": "Content Release Manager",<br>"roleDescription": "Content Release Manager"<br>}<br>]<br>} | | |

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|---|---|---|---|---|
| Update user role(s) by ID | PUT/PATCH | /lcm/authzn/api/users/{vmid}<br>Request parameter :<br>vmid : 7c2e877b-f444-4a33-9e9f-ffdfb71ad632<br><br>Request body :<br>"userRequestDTO"<br>{<br>"vmid": "7c2e877b-f444-4a33-9e9f-ffdfb71ad632",<br>"username": "configadmin",<br>"password": null,<br>"userType": "VIDM_LOCAL_USER",<br>"displayName": "configadmin configadmin",<br>"providerIdentifier": "6304f1ed-17e0-4128-b86f-e29c6563e32f",<br>"domain": "System Domain",<br>"isDisabled": false,<br>"userPrincipalName": "configadmin_upn",<br>"userMetadata": {<br>"distinguishedName": null,<br>"externalId": null,<br>"emails": [<br>"kbolaj@vmware.com"<br>],<br>"additionalMeta": null,<br>"givenName": "configadmin",<br>"familyName": "configadmin"<br>},<br>"roleMappings": [<br>{<br>"vmid": "722c2945-3b69-4e29-8b32-b3d0d37ee311",<br>"roleName": "Content Developer",<br>"roleDescription": "Content developer"<br>},<br>{<br>"vmid": "34fb78e1-43ee-4f36-b71a-c68c58d09b43", | 404 - Not Found<br>**When user ID is invalid.**<br>vmid : 7c2e877b-f444-4a33-9e9f-ffdfb71ad63<br><br>Request body :<br>"userRequestDTO"<br>{<br>"vmid": "7c2e877b-f444-4a33-9e9f-ffdfb71ad632",<br>"username": "configadmin",<br>"password": null,<br>"userType": "VIDM_LOCAL_USER",<br>"displayName": "configadmin configadmin",<br>"providerIdentifier": "6304f1ed-17e0-4128-b86f-e29c6563e32f",<br>"domain": "System Domain",<br>"isDisabled": false,<br>"userPrincipalName": "configadmin_upn",<br>"userMetadata": {<br>"distinguishedName": null,<br>"externalId": null, | This API is used to update roles for a user. |

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| | | "roleName": "Content Release Manager",<br><br>"roleDescription": "Content Release Manager"<br>}<br>],<br>"mappedRoles": [<br>"722c2945-3b69-4e29-8b32-b3d0d37ee311",<br>"34fb78e1-43ee-4f36-b71a-c68c58d09b43",<br>"e2854133-51cf-4250-9325-9b9748590b05",<br>"bc1db11b-245c-4521-ace0-f4b8f96a205a"<br>]<br>}<br><br>Response code : 200 OK<br>Response body :<br>{<br>"vmid": "7c2e877b-f444-4a33-9e9f-ffdfb71ad632",<br>"username": "configadmin",<br>"password": null,<br>"userType": "VIDM_LOCAL_USER",<br>"displayName": "configadmin configadmin",<br>"providerIdentifier": "6304f1ed-17e0-4128-b86f-e29c6563e32f",<br>"domain": "System Domain",<br>"isDisabled": false,<br>"userPrincipalName": "configadmin_upn",<br>"userMetadata": {<br>"distinguishedName": null,<br>"externalId": null,<br>"emails": [<br>"kbolaj@vmware.com"<br>],<br>"additionalMeta": null,<br>"givenName": "configadmin",<br>"familyName": "configadmin"<br>},<br>"roleMappings": [<br>{<br>"vmid": "bc1db11b-245c-4521-ace0-f4b8f96a205a", | "emails": [<br><br>"kbolaj@vmware.com"<br>],<br><br>"additionalMeta": null,<br><br>"givenName": "configadmin",<br><br>"familyName": "configadmin"<br>},<br><br>"roleMappings": [<br>{<br><br>"vmid": "722c2945-3b69-4e29-8b32-b3d0d37ee311",<br><br>"roleName": "Content Developer",<br><br>"roleDescription": "Content developer"<br>},<br>{<br><br>"vmid": "34fb78e1-43ee-4f36-b71a-c68c58d09b43",<br><br>"roleName": "Content Release Manager",<br><br>"roleDescription": "Content Release Manager"<br>}<br>],<br><br>"mappedRoles": [ | |

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| | | "roleName": "Certificate Administrator",<br>"roleDescription": "Administrator for Certificate operations"<br>},<br>{<br>"vmid": "e2854133-51cf-4250-9325-9b9748590b05",<br>"roleName": "LCM Cloud Admin",<br>"roleDescription": "vRealize Lifecycle Manager Cloud Admin"<br>},<br>{<br>"vmid": "34fb78e1-43ee-4f36-b71a-c68c58d09b43",<br>"roleName": "Content Release Manager",<br>"roleDescription": "Content Release Manager"<br>},<br>{<br>"vmid": "722c2945-3b69-4e29-8b32-b3d0d37ee311",<br>"roleName": "Content Developer",<br>"roleDescription": "Content developer"<br>}<br>]<br>} | "722c2945-3b69-4e29-8b32-b3d0d37ee311",<br><br>"34fb78e1-43ee-4f36-b71a-c68c58d09b43",<br><br>"e2854133-51cf-4250-9325-9b9748590b05",<br><br>"bc1db11b-245c-4521-ace0-f4b8f96a205a"<br>]<br>}<br><br>Response Code : 404 Not Found<br>Response body :<br>{<br>"status": "",<br>"message": "User with id 7c2e877b-f444-4a33-9e9f-ffdfb71ad63 could not be found",<br>"errorCode": "LCM_AUTHN_USER_API_ERROR0001",<br>"errorLabel": "User does not exist.",<br><br>"recommendations": []<br>} | |

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| Delete a User by ID | DELETE | /lcm/authzn/api/users/{vmid}<br>Request parameter :<br>vmid : 7c2e877b-f444-4a33-9e9f-ffdfb71ad632<br><br>Response code : 200 OK<br>Response body :<br>{<br>"vmid": "7c2e877b-f444-4a33-9e9f-ffdfb71ad632",<br>"username": "configadmin",<br>"password": null,<br>"userType": "VIDM_LOCAL_USER",<br>"displayName": "configadmin configadmin",<br>"providerIdentifier": "6304f1ed-17e0-4128-b86f-e29c6563e32f",<br>"domain": "System Domain",<br>"isDisabled": false,<br>"userPrincipalName": "configadmin_upn",<br>"userMetadata": {<br>"distinguishedName": null,<br>"externalId": null,<br>"emails": [<br>"kbolaj@vmware.com"<br>],<br>"additionalMeta": null,<br>"givenName": "configadmin",<br>"familyName": "configadmin"<br>},<br>"roleMappings": [<br>{<br>"vmid": "bc1db11b-245c-4521-ace0-f4b8f96a205a",<br>"roleName": "Certificate Administrator",<br>"roleDescription": "Administrator for Certificate operations"<br>},<br>{<br>"vmid": "e2854133-51cf-4250-9325-9b9748590b05",<br>"roleName": "LCM Cloud Admin", | 404 - Not Found<br>**When user ID is invalid.**<br>vmid : 7c2e877b-f444-4a33-9e9f-ffdfb71ad63<br><br>Response Code : 404 Not Found<br>Response body :<br>{<br>"status": "",<br>"message": "User with id 7c2e877b-f444-4a33-9e9f-ffdfb71ad63 could not be found",<br>"errorCode": "LCM_AUTHN_USER_API_ERROR0001",<br>"errorLabel": "User does not exist.",<br><br>"recommendations": []<br>} | This API is used to delete a user roles. |

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| | | "roleDescription": "vRealize Lifecycle Manager Cloud Admin"<br>},<br>{<br>"vmid": "34fb78e1-43ee-4f36-b71a-c68c58d09b43",<br>"roleName": "Content Release Manager",<br>"roleDescription": "Content Release Manager"<br>},<br>{<br>"vmid": "722c2945-3b69-4e29-8b32-b3d0d37ee311",<br>"roleName": "Content Developer",<br>"roleDescription": "Content developer"<br>}<br>]<br>} | | |

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| Get Users by Principal Name | GET | /lcm/authzn/api/users/upn/{upn}<br>Request parameter :<br>upn : configadmin_upn<br><br>Response body :<br>{<br>"vmid": "77e3de56-18ba-45b1-b8e3-afc6d0c7c7f2",<br>"username": "configadmin",<br>"password": null,<br>"userType": "VIDM_LOCAL_USER",<br>"displayName": "configadmin configadmin",<br>"providerIdentifier": "6304f1ed-17e0-4128-b86f-e29c6563e32f",<br>"domain": "System Domain",<br>"isDisabled": false,<br>"userPrincipalName": "configadmin_upn",<br>"userMetadata": {<br>"distinguishedName": null,<br>"externalId": null,<br>"emails": [<br>"kbolaj@vmware.com"<br>],<br>"additionalMeta": null,<br>"givenName": "configadmin",<br>"familyName": "configadmin"<br>},<br>"roleMappings": [<br>{<br>"vmid": "722c2945-3b69-4e29-8b32-b3d0d37ee311",<br>"roleName": "Content Developer",<br>"roleDescription": "Content developer"<br>},<br>{<br>"vmid": "34fb78e1-43ee-4f36-b71a-c68c58d09b43",<br>"roleName": "Content Release Manager",<br>"roleDescription": "Content Release Manager"<br>}<br>] | 404 - Not Found<br>**When user with principal name does not exist**<br>Request parameter :<br>upn : configadmin1<br><br>Response body :<br>{<br>"status": "",<br>"message": "User not found with principal name : configadmin1",<br>"errorCode": "LCM_AUTHN_USER_API_ERROR0001",<br>"errorLabel": "User does not exist.",<br><br>"recommendations": [<br>"Please provide a valid Principal Name."<br>]<br>} | This API is used to get a user by its principal name. |

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| | | } | | |
| Update Local User Password | PUT | /lcm/authzn/api/v2/users/update/password<br>Request body : "passwordUpdateRequestDTO"<br>{<br>"password": "VMware1!",<br>"username": "admin@local"<br>}<br><br>Response code : 200 OK<br>Response body :<br>{<br>"password": "VMware1!",<br>"username": "admin@local"<br>} | | This API is used to update the password for vRSLCM local user. |

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| Search Vidm User Group | POST | /lcm/authzn/api/v2/search/vidm-user-grp<br>**Searching User Group**<br>Request body :<br>"vidmSearchUserRequestDTO"<br>{<br>"vidmDomainName": "sqa.local",<br>"vidmAdminPassword": "locker:password:65b3111f-5512-4915-b68c-d1c0fde2f86e:VC2-password",<br>"vidmHost": "lcm-34-251.sqa.local",<br>"vidmAdminUser": "admin",<br>"vidmVersion": "3.3.2",<br>"vidmRootPassword": "locker:password:5b9d1a8e-49dc-4137-9f8a-b0c2fbb12fe3:VMware1!",<br>"vidmSshPassword": "locker:password:5b9d1a8e-49dc-4137-9f8a-b0c2fbb12fe3:VMware1!",<br><br>"vidmOAuthServiceClientId": "Service__OAuth2Client",<br><br>"vidmOAuthServiceClientSecret": "HrsPFSBHxSnow8Bsoi74kiSZDOZzYn91",<br>"tenancyEnabled": false,<br>"clusteredVidm": false,<br>"searchString": "v"<br>}<br><br>Response code : 200 OK<br>Response body :<br>{<br>"vmid": "c27b4d67-10e2-4a25-8695-147e70262a59",<br>"transactionId": null,<br>"requestName": "searchusergrp",<br>"requestReason": "Search users and groups given a search string",<br>"requestType": "Search users and groups given a search string",<br>"requestSource": null, | | This API is used to search the users and groups for which roles needs to be assigned. |

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| | | "requestSourceType": "user",<br>"inputMap": {<br>"vidmSearchUserRequestDTO": "{\"vidmHost\":\"lcm-34-251.sqa.local\",\"vidmTenant\":null,\"useServiceClient\":false,\"isTenantConfiguredByPath\":false,\"vidmAdminUser\":\"admin\",\"vidmAdminPassword\":\"locker:password:65b3111f-5512-4915-b68c-d1c0fde2f86e:VC2-password\",\"vidmOAuthServiceClientId\":\"Service__OAuth2Client\",\"vidmOAuthServiceClientSecret\":\"HrsPFSBHxSnow8Bsoi74kiSZDOZzYn91\",\"vidmDomainName\":\"sqa.local\",\"baseTenantHostname\":null,\"requestId\":null,\"searchString\":\"v\"}"<br>},<br>"outputMap": {},<br>"state": "CREATED",<br>"executionId": null,<br>"executionPath": null,<br>"executionStatus": null,<br>"errorCause": null,<br>"resultSet": null,<br>"isCancelEnabled": null,<br>"lastUpdatedOn": 1596780658048,<br>"createdBy": null<br>} | | |

# Authentication Group Operation APIs

| Name | HTTP Method | Endpoint |
|---|---|---|

| | | |
|---|---|---|
| Add a Group and assign role(s) | POST | /lcm/authzn/api/v2/groups<br>Request body : "groupRequestDTO"<br>{<br>"displayName": "ALL USERS",<br>"groupType": "ALL_USERS",<br>"providerIdentifier": "c1c9f52d-afd1-4561-afbf-2b537b02cad1",<br>"domain": null,<br>"isDisabled": false,<br>"groupMetadata": {<br>"distinguishedName": null,<br>"externalId": null,<br>"additionalMeta": []<br>},<br>"mappedRoles": [<br>"9b497b75-b805-42bb-aa0b-d77b1c8563e6",<br>"056ff129-813a-49cf-80b8-1706afc053a7",<br>"6d9aa54d-1cab-42cc-8801-18fc81f5ddf3",<br>"4a6d8ac2-468f-49e6-9a7b-11d221113a32"<br>]<br>}<br><br>Response code : 201 Created<br>Response body :<br>{<br>"status": "SUCCESS",<br>"statusCode": "CREATED",<br>"message": "Success",<br>"resourceIdentifier": "cf8d99a2-3748-486f-b555-6ac64bc9f84c",<br>"errorStackTrace": null,<br>"errorCode": 0,<br>"errors": null<br>} |

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|---|---|---|
| Update Group role(s) by ID | PUT/PATCH | /lcm/authzn/api/v2/groups/{vmid}<br>Request parameters :<br>vmid : cf8d99a2-3748-486f-b555-6ac64bc9f84c<br><br>Request body :<br>{<br>"displayName": "ALL USERS",<br>"groupType": "ALL_USERS",<br>"providerIdentifier": "c1c9f52d-afd1-4561-afbf-2b537b02cad1",<br>"domain": "sqa.local",<br>"isDisabled": false,<br>"groupMetadata": {<br>"distinguishedName": null,<br>"externalId": null,<br>"additionalMeta": []<br>},<br>"mappedRoles": [<br>"9b497b75-b805-42bb-aa0b-d77b1c8563e6",<br>"056ff129-813a-49cf-80b8-1706afc053a7",<br>"6d9aa54d-1cab-42cc-8801-18fc81f5ddf3",<br>"4a6d8ac2-468f-49e6-9a7b-11d221113a32"<br>]<br>}<br><br>Response code : 200 OK<br>Response body :<br>{<br>"status": "SUCCESS",<br>"statusCode": "OK",<br>"message": "Group updated sucessfully",<br>"resourceIdentifier": null,<br>"errorStackTrace": null,<br>"errorCode": 0,<br>"errors": null<br>} |
| Delete a Group by ID | DELETE | /lcm/authzn/api/v2/groups/{vmid}<br>Request parameters :<br>vmid : cf8d99a2-3748-486f-b555-6ac64bc9f84c<br><br>Response code : 200 OK<br>Response headers :<br>cache-control: no-cache, no-store, max-age=0, must-revalidate connection: keep-alive content-length: 0 content-security-policy: script-src 'self' date: Fri, 07 Aug 2020 05:59:31 GMT expires: 0 lcm-api-version: 8.0, 8.0 pragma: no-cache strict-transport-security: max-age=31536000; includeSubDomains x-content-type-options: nosniff x-frame-options: DENY x-xss-protection: 1; mode=block |

| | | |
|---|---|---|
| Get Groups by Display Name | GET | /lcm/authzn/api/v2/groups/name/{displayName}<br>Request parameter :<br>displayname : ALL USERS<br><br>Response code : 200 OK<br>Response body :<br>[<br>  {<br>  "vmid": "cf8d99a2-3748-486f-b555-6ac64bc9f84c",<br>  "displayName": "ALL USERS",<br>  "groupType": "ALL_USERS",<br>  "providerIdentifier": "c1c9f52d-afd1-4561-afbf-2b537b02cad1",<br>  "domain": null,<br>  "isDisabled": false,<br>  "groupMetadata": {<br>  "distinguishedName": null,<br>  "externalId": null,<br>  "additionalMeta": []<br>  },<br>  "roleMappings": [<br>  {<br>  "vmid": "9b497b75-b805-42bb-aa0b-d77b1c8563e6",<br>  "roleName": "Content Developer",<br>  "roleDescription": "Content developer"<br>  },<br>  {<br>  "vmid": "056ff129-813a-49cf-80b8-1706afc053a7",<br>  "roleName": "Content Release Manager",<br>  "roleDescription": "Content Release Manager"<br>  },<br>  {<br>  "vmid": "6d9aa54d-1cab-42cc-8801-18fc81f5ddf3",<br>  "roleName": "LCM Cloud Admin",<br>  "roleDescription": "vRealize Lifecycle Manager Cloud Admin"<br>  },<br>  {<br>  "vmid": "4a6d8ac2-468f-49e6-9a7b-11d221113a32",<br>  "roleName": "Certificate Administrator",<br>  "roleDescription": "Administrator for Certificate operations"<br>  }<br>  ]<br>  }<br>] |

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|---|---|---|
| Get a Group by Display Name and Domain | GET | /lcm/authzn/api/v2/groups/name/{displayName}/domain/{domain}<br>Request parameter :<br>displayname : ALL USERS<br>domain : sqa.local<br><br>Response code : 200 OK<br>Response body :<br>{<br>"vmid": "cf8d99a2-3748-486f-b555-6ac64bc9f84c",<br>"displayName": "ALL USERS",<br>"groupType": "ALL_USERS",<br>"providerIdentifier": "c1c9f52d-afd1-4561-afbf-2b537b02cad1",<br>"domain": "sqa.local",<br>"isDisabled": false,<br>"groupMetadata": {<br>"distinguishedName": null,<br>"externalId": null,<br>"additionalMeta": []<br>},<br>"roleMappings": [<br>{<br>"vmid": "4a6d8ac2-468f-49e6-9a7b-11d221113a32",<br>"roleName": "Certificate Administrator",<br>"roleDescription": "Administrator for Certificate operations",<br>"authorities": "LOCKER_CERTIFICATE_ADMIN",<br>"isInternal": false<br>},<br>{<br>"vmid": "056ff129-813a-49cf-80b8-1706afc053a7",<br>"roleName": "Content Release Manager",<br>"roleDescription": "Content Release Manager",<br>"authorities": "RELEASE_MANAGER",<br>"isInternal": false<br>},<br>{<br>"vmid": "6d9aa54d-1cab-42cc-8801-18fc81f5ddf3",<br>"roleName": "LCM Cloud Admin",<br>"roleDescription": "vRealize Lifecycle Manager Cloud Admin",<br>"authorities": "LCM_CLOUD_ADMIN",<br>"isInternal": false<br>},<br>{<br>"vmid": "9b497b75-b805-42bb-aa0b-d77b1c8563e6",<br>"roleName": "Content Developer",<br>"roleDescription": "Content developer",<br>"authorities": "CONTENT_DEVELOPER",<br>"isInternal": false<br>}<br>]<br>} |

| | | |
|---|---|---|
| Get a Group by Provider Identifier | GET | /lcm/authzn/api/v2/groups/providers/{providerId}<br>Request parameter :<br>providerId : c1c9f52d-afd1-4561-afbf-2b537b02cad1<br><br>Response code : 200 OK<br>Request body :<br>{<br>"vmid": "cf8d99a2-3748-486f-b555-6ac64bc9f84c",<br>"displayName": "ALL USERS",<br>"groupType": "ALL_USERS",<br>"providerIdentifier": "c1c9f52d-afd1-4561-afbf-2b537b02cad1",<br>"domain": "sqa.local",<br>"isDisabled": false,<br>"groupMetadata": {<br>"distinguishedName": null,<br>"externalId": null,<br>"additionalMeta": []<br>},<br>"roleMappings": [<br>{<br>"vmid": "4a6d8ac2-468f-49e6-9a7b-11d221113a32",<br>"roleName": "Certificate Administrator",<br>"roleDescription": "Administrator for Certificate operations"<br>},<br>{<br>"vmid": "056ff129-813a-49cf-80b8-1706afc053a7",<br>"roleName": "Content Release Manager",<br>"roleDescription": "Content Release Manager"<br>},<br>{<br>"vmid": "6d9aa54d-1cab-42cc-8801-18fc81f5ddf3",<br>"roleName": "LCM Cloud Admin",<br>"roleDescription": "vRealize Lifecycle Manager Cloud Admin"<br>},<br>{<br>"vmid": "9b497b75-b805-42bb-aa0b-d77b1c8563e6",<br>"roleName": "Content Developer",<br>"roleDescription": "Content developer"<br>}<br>]<br>} |

# Authentication Role Operation APIs

| Name | HTTP Method | Endpoint | Description |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Get all External APIs | GET | /lcm/authzn/api/v2/roles/external<br>Response Code : 200 OK<br>Response body :<br>[<br>{<br>"vmid": "722c2945-3b69-4e29-8b32-b3d0d37ee311",<br>"roleName": "Content Developer",<br>"roleDescription": "Content developer"<br>},<br>{<br>"vmid": "28978da4-353b-4a05-a961-a754b7299797",<br>"roleName": "LCM Admin",<br>"roleDescription": "vRealize Lifecycle Manager Administrator"<br>},<br>{<br>"vmid": "34fb78e1-43ee-4f36-b71a-c68c58d09b43",<br>"roleName": "Content Release Manager",<br>"roleDescription": "Content Release Manager"<br>},<br>{<br>"vmid": "e2854133-51cf-4250-9325-9b9748590b05",<br>"roleName": "LCM Cloud Admin",<br>"roleDescription": "vRealize Lifecycle Manager Cloud Admin"<br>},<br>{<br>"vmid": "bc1db11b-245c-4521-ace0-f4b8f96a205a",<br>"roleName": "Certificate Administrator",<br>"roleDescription": "Administrator for Certificate operations"<br>}<br>] | This API is used to get all external roles that needs to be assigned to a user or a group. |

# Generic Error Response Codes

| Response code | Description | Response body/template | Details |
|---|---|---|---|
| 401 | Unauthorized | **Response body**<br>`{ "timestamp": "2020-08-10T08:22:38.536+0000", "status": 401, "error": "Unauthorized", "message": "Unauthorized", "path": "" }` | Here **"path"** is endpoint of that particular API. |
| 400 | Bad Request | **Response template**<br>`{ "errorCode": "string", "errorLabel": "string", "message": "string", "recommendations": [ "string" ], "status": "string" }` | This is the generic error response body template for all APIs. |
| 403 | Forbidden | | |
| 404 | Not Found | | |
| 409 | Conflict | | |
| 500 | Internal Server Error | | |

# Generic Error Message Codes & Labels

| API Types | Error Codes | Error Labels |
|---|---|---|
| Javax Validation Constraints | LCM_GENERIC_VALIDATION_API_ERROR0000 | Request Payload does not comply with constraints. |
| Data Center Operation APIs | LCM_DATACENTER_API_ERROR0000 | Unknown Data Center error. |
| | LCM_DATACENTER_API_ERROR0001 | Data Center request payload is invalid. |

| | | |
|---|---|---|
| | LCM_DATACENTER_API_ERROR0002 | Data Center already exists. |
| | LCM_DATACENTER_API_ERROR0003 | Data Center does not exist. |
| | LCM_DATACENTER_API_ERROR0004 | Unknown vCenter error. |
| | LCM_DATACENTER_API_ERROR0005 | vCenter request payload is invalid. |
| | LCM_DATACENTER_API_ERROR0006 | vCenter already exists. |
| | LCM_DATACENTER_API_ERROR0007 | vCenter does not exist. |
| Environment Operation APIs | LCM_ENVIRONMENT_API_ERROR0000 | Unknown Environment error. |
| | LCM_ENVIRONMENT_API_ERROR0001 | Create Environment request payload is invalid. |
| | LCM_ENVIRONMENT_API_ERROR0002 | Environment Product is invalid. |
| | LCM_ENVIRONMENT_API_ERROR0003 | Environment Password is invalid. |
| | LCM_ENVIRONMENT_API_ERROR0004 | Environment Data Center is invalid. |
| | LCM_ENVIRONMENT_API_ERROR0005 | Environment already exists. |
| | LCM_ENVIRONMENT_API_ERROR0006 | Environment does not exist. |
| | LCM_ENVIRONMENT_API_ERROR0007 | Organic Growth request payload is invalid. |
| | LCM_ENVIRONMENT_API_ERROR0008 | Product already exists in the Environment. |

| | | |
|---|---|---|
| | LCM_ENVIRONMENT_API_ERROR0009 | Product does not exist in the Environment. |
| | LCM_ENVIRONMENT_API_ERROR0010 | Scale Out request payload is invalid. |
| | LCM_ENVIRONMENT_API_ERROR0011 | Operation is not allowed on globalenvironment. |
| | LCM_ENVIRONMENT_API_ERROR0012 | Product License is invalid in the Environment. |
| | LCM_ENVIRONMENT_API_ERROR0013 | Product Certificate is invalid in the Environment. |
| | LCM_ENVIRONMENT_API_ERROR0014 | Operation is not allowed. |
| Deployment Operation APIs | LCM_PRODUCT_API_ERROR0000 | Unknown Product error. |
| | LCM_PRODUCT_API_ERROR0001 | Product snapshot does not exist. |
| | LCM_PRODUCT_API_ERROR0002 | Invalid product configuration type error. |
| Locker Password Operation APIs | LCM_PASSWORD_API_ERROR0000 | Unknown Password error. |
| | LCM_PASSWORD_API_ERROR0001 | Password request payload is invalid. |
| | LCM_PASSWORD_API_ERROR0002 | Password does not exist. |
| | LCM_PASSWORD_API_ERROR0003 | Password already exist. |
| | LCM_PASSWORD_API_ERROR0004 | Password alias already exist. |
| | LCM_PASSWORD_API_ERROR0005 | Password already encrypted. |
| Locker Certificate | LCM_CERTIFICATE_API_ERROR0000 | Unknown Certificate error. |

| | | |
|---|---|---|
| Operation APIs | LCM_CERTIFICATE_API_ERROR0001 | Certificate request payload is invalid. |
| | LCM_CERTIFICATE_API_ERROR0002 | Certificate does not exist. |
| | LCM_CERTIFICATE_API_ERROR0003 | Certificate already exist. |
| Locker Reference Operation APIs | LCM_LOCKER_REFERENCE_API_ERROR0000 | Unknown Locker Reference error. |
| Locker License Operation APIs | LCM_LICENSE_API_ERROR0000 | Unknown License error. |
| | LCM_LICENSE_API_ERROR0001 | License request payload is invalid. |
| | LCM_LICENSE_API_ERROR0002 | License already exist. |
| | LCM_LICENSE_API_ERROR0003 | License does not exist. |
| Settings Operation APIs | LCM_SETTINGS_API_ERROR0000 | Unknown Settings error. |
| | LCM_SETTINGS_API_ERROR0001 | Settings request payload is invalid. |
| | LCM_SETTINGS_API_ERROR0002 | Settings data does not exist. |
| | LCM_SETTINGS_API_ERROR0003 | Settings data already exist. |
| Pre-Validation Report Operation APIs | LCM_PREVALIDATION_REPORT_API_ERROR0000 | Unknown Pre-Validation Report error. |
| | LCM_PREVALIDATION_REPORT_API_ERROR0001 | Pre-Validation Report does not exist. |
| Health Operation APIs | LCM_HEALTH_API_ERROR0000 | Unknown LCM Health error. |

| | | |
|---|---|---|
| Authentication Group Operation APIs | LCM_AUTHN_GROUP_API_ERROR0000 | Unknown Authentication Group error. |
| | LCM_AUTHN_GROUP_API_ERROR0001 | Group does not exist. |
| Authentication User Operation APIs | LCM_AUTHN_USER_API_ERROR0000 | Unknown Authentication User error. |
| | LCM_AUTHN_USER_API_ERROR0001 | User does not exist. |
| Authentication Role Operation APIs | LCM_AUTHN_ROLE_API_ERROR0000 | Unknown Authentication Role error. |
| Authentication Provider Login Operation APIs | LCM_AUTHN_PROVIDER_LOGIN_API_ERROR0000 | Unknown Authentication Provider Login error. |

# Postman Collection and Environment

1. Postman collection : vRSLCM_PublicAPIs_8.4_postmanCollection.json
2. Postman environment : vRSLCM_publicAPIs_8.4_postman_environment.json
3. Postman collection for VCF aware vRSLCM: VCF_aware_vRSLCM_PublicAPIs_8.4_postmanCollection.json
4. Postman environment for VCF aware vRSLCM: VCF_aware_vRSLCM_publicAPIs_8.4_postman_environment.json

# Content Management API

## Activity Log Controller

| Name | HTTP Method | Endpoint | Description |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Get activity logs | GET | /lcm/cms/api/v1/logs<br>Response Code : 200 OK<br>Response body :<br>{<br>"contents": [<br>{<br>"id": "330034a0-ca71-4fb5-8889-90ee5e68b52f",<br>"createdOn": 1601962334077,<br>"lastUpdatedOn": 1601962334077,<br>"message": "Completed Automation-Subscription, test-subscription 1 cava-vra-test",<br>"referenceId": "a455defa-e418-43fc-b213-d2092d605538",<br>"level": "COMPLETED",<br>"activity": "Capture",<br>"referenceType": "CONTENT",<br>"requestNumber": 99<br>},<br>{<br>"id": "d7b17c2e-c700-47a8-a7ba-3bbf3d599164",<br>"createdOn": 1601962333128,<br>"lastUpdatedOn": 1601962333128,<br>"message": "Completed Automation-Subscription, compute-removal-subs-abx 1 cava-vra-test",<br>"referenceId": "b011924b-885c-4865-866f-187e545fce28",<br>"level": "COMPLETED", | |

"activity": "Capture",

"referenceType": "CONTENT",

"requestNumber": 99
        },
        {
            "id": "620752da-cde5-40a8-8ad2-39da08ee75b0",

"createdOn": 1601962330866,

"lastUpdatedOn": 1601962330866,
            "message": "Capture started for content type: Automation-Subscription, content name: test-subscription, content version: 1 on endpoint: cava-vra-test",

"referenceId": "a455defa-e418-43fc-b213-d2092d605538",
            "level": "INFO",

"activity": "Capture",

"referenceType": "CONTENT",

"requestNumber": 99
        },
        {
            "id": "0bc17a53-c58a-4d1b-83a6-a182c9f3acce",

"createdOn": 1601962330287,

"lastUpdatedOn": 1601962330287,
            "message": "Capture started for content type: Automation-

| | | | |
|---|---|---|---|
| | | Subscription, content name: compute-removal-subs-abx, content version: 1 on endpoint: cava-vra-test",<br><br>"referenceId": "b011924b-885c-4865-866f-187e545fce28",<br>"level": "INFO",<br><br>"activity": "Capture",<br><br>"referenceType": "CONTENT",<br><br>"requestNumber": 99<br>},<br>{<br>"id": "94ae8c4b-acd1-437f-8200-4c3bf6a32560",<br><br>"createdOn": 1601962196584,<br><br>"lastUpdatedOn": 1601962196584,<br>"message": "Endpoint Successfully Created",<br><br>"referenceId": "a62c4d79-c2e1-416a-95de-215de772484c",<br>"level": "COMPLETED",<br><br>"activity": "CREATED ENDPOINT",<br><br>"referenceType": "ENDPOINT",<br><br>"requestNumber": 98<br>},<br>{<br>"id": "e8170c63-ec5d-47ef-b396-5b1b62b3d518",<br><br>"createdOn": 1601962196568, | |

| | | | |
|---|---|---|---|
| | | "lastUpdatedOn": 1601962196568, "message": "Creating Endpoint", "referenceId": "a62c4d79-c2e1-416a-95de-215de772484c", "level": "INFO", "activity": "CREATE ENDPOINT", "referenceType": "ENDPOINT", "requestNumber": 98 }, { "id": "d72c754b-23d6-4cb9-a627-ca094ea21909", "createdOn": 1601962196156, "lastUpdatedOn": 1601962196156, "message": "Endpoint Server Successfully Created", "referenceId": "59ed8766-8808-4c14-8341-cc2f5a35fa6f", "level": "COMPLETED", "activity": "CREATED ENDPOINT SERVER", "referenceType": "ENDPOINTSERVER", "requestNumber": 0 }, { "id": "fd2d2521-6b01-45bc-885e-1ffd2d30c129", "createdOn": 1601962195790, | |

"lastUpdatedOn": 1601962195790,
"message": "Endpoint Successfully Created",

"referenceId": "4a2c5b69-b99a-4a2d-bbad-a9c354543705",
"level": "COMPLETED",

"activity": "CREATED ENDPOINT",

"referenceType": "ENDPOINT",

"requestNumber": 97
},
{
"id": "d9226d48-2586-4549-85a0-e195d0a12742",

"createdOn": 1601962195766,

"lastUpdatedOn": 1601962195766,
"message": "Creating Endpoint",

"referenceId": "4a2c5b69-b99a-4a2d-bbad-a9c354543705",
"level": "INFO",

"activity": "CREATE ENDPOINT",

"referenceType": "ENDPOINT",

"requestNumber": 97
},
{
"id": "059e6952-6205-4e5b-ada9-1ecf11793757",

"createdOn": 1601375770144,

"lastUpdatedOn": 1601375770144,
"message": "Endpoint Server Successfully Created",

"referenceId": "6062268a-8fd4-45f3-894a-efb9ffa5973a",
"level": "COMPLETED",

"activity": "CREATED ENDPOINT SERVER",

"referenceType": "ENDPOINTSERVER",

"requestNumber": 0
},
{
"id": "b5a21e55-9c99-4977-989a-0955b4dd9c5a",

"createdOn": 1601375770118,

"lastUpdatedOn": 1601375770118,
"message": "Endpoint Successfully Created",

"referenceId": "46b01da8-1306-4280-a103-f2b92665f36c",
"level": "COMPLETED",

"activity": "CREATED ENDPOINT",

"referenceType": "ENDPOINT",

"requestNumber": 0
},
{
"id": "27bc6a2a-5724-4f38-86f2-c88ec61baabb",

"createdOn": 1601375770106,

"lastUpdatedOn": 1601375770106,
"message": "Creating Endpoint",
"referenceId": "46b01da8-1306-4280-a103-f2b92665f36c",
"level": "INFO",
"activity": "CREATE ENDPOINT",
"referenceType": "ENDPOINT",
"requestNumber": 0
},
{
"id": "38164726-371f-45fa-97e4-a20563d2c825",
"createdOn": 1601375760402,
"lastUpdatedOn": 1601375760402,
"message": "Endpoint Server Successfully Deleted",
"referenceId": "bitbucket",
"level": "COMPLETED",
"activity": "DELETE ENDPOINT SERVER",
"referenceType": "ENDPOINTSERVER",
"requestNumber": 0
},
{
"id": "c623472e-e494-4ca7-a556-354763d98777",
"createdOn": 1601375760081,

"lastUpdatedOn": 1601375760081,
"message": "Deleting Endpoint Server",

"referenceId": "bitbucket",
"level": "INFO",

"activity": "DELETE ENDPOINT",

"referenceType": "ENDPOINTSERVER",

"requestNumber": 0
},
{
"id": "de99d555-acb1-4b93-9140-827043faf05b",

"createdOn": 1601375759958,

"lastUpdatedOn": 1601375759958,
"message": "Endpoint Successfully Deleted",

"referenceId": "800d01a9-3952-420d-838d-8502421aea9f",
"level": "COMPLETED",

"activity": "DELETE ENDPOINT",

"referenceType": "ENDPOINT",

"requestNumber": 0
},
{
"id": "11959e0e-6b7a-42d9-8017-20a6aa3ded03",

"createdOn": 1601375759938,

"lastUpdatedOn": 1601375759938,
"message": "Deleting Endpoint",
"referenceId": "800d01a9-3952-420d-838d-8502421aea9f",
"level": "INFO",
"activity": "DELETE ENDPOINT",
"referenceType": "ENDPOINT",
"requestNumber": 0
},
{
"id": "7b19b712-b3a8-4834-9b87-9e6bc96abda3",
"createdOn": 1601373718029,
"lastUpdatedOn": 1601373718029,
"message": "Endpoint Creation Failed",
"referenceId": "df5b5950-88fd-47cc-8ae2-a90221f40038",
"level": "ERROR",
"activity": "CREATE ENDPOINT",
"referenceType": "ENDPOINT",
"requestNumber": 0
},
{
"id": "6643b8df-f20f-4cb9-8fea-968c268b0735",
"createdOn": 1601373717993,

"lastUpdatedOn": 1601373717993,
"message": "Creating Endpoint",
"referenceId": "df5b5950-88fd-47cc-8ae2-a90221f40038",
"level": "INFO",
"activity": "CREATE ENDPOINT",
"referenceType": "ENDPOINT",
"requestNumber": 0
},
{
"id": "04b490e3-552c-479f-8632-6b0a4fa22f01",
"createdOn": 1601358290401,
"lastUpdatedOn": 1601358290401,
"message": "Endpoint Server Successfully Created",
"referenceId": "064ef3c9-7a2c-4ed1-ba11-7342affee9ed",
"level": "COMPLETED",
"activity": "CREATED ENDPOINT SERVER",
"referenceType": "ENDPOINTSERVER",
"requestNumber": 0
},
{
"id": "356eeb73-f675-4b0e-b2d5-6e140c538da9",
"createdOn": 1601358290023,

| | | | |
|---|---|---|---|
| | | "lastUpdatedOn": 1601358290023, "message": "Endpoint Successfully Created", "referenceId": "800d01a9-3952-420d-838d-8502421aea9f", "level": "COMPLETED", "activity": "CREATED ENDPOINT", "referenceType": "ENDPOINT", "requestNumber": 0 } ], "metaData": { "totatlPages": 16, "totalElements": 305, "pageElements": 20, "size": 20, "page": 1 } } | |

# Content Category Controller

| Name | HTTP Method | Endpoint | Description |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Get content categories | GET | /lcm/cms/api/v1/contents/categories<br>Response Code : 200 OK<br>Response body :<br><br>{<br>"contents": [<br>{<br>"id": "Automation-v7",<br>"createdOn": 1600767254411,<br>"lastUpdatedOn": 1600767254446,<br>"name": "Automation",<br>"version": "7",<br>"minConcurrentPipelinesPerEndpoint": 2,<br>"maxConcurrentPipelinesPerEndpoint": 6,<br>"contentTypes": [<br>"Automation-ComponentProfile",<br>"Automation-CompositeBlueprint",<br>"Automation-CustomForm",<br>"Automation-PropertyDefinition",<br>"Automation-PropertyGroup",<br>"Automation-ResourceAction",<br>"Automation-ResourceMap",<br>"Automation-ResourceType",<br>"Automation-Software",<br>"Automation-Subscription",<br>"Automation-XaaSBlueprint"<br>]<br>},<br>{<br>"id": "Operations",<br>"createdOn": 1600767254474,<br>"lastUpdatedOn": 1600767254480,<br>"name": "Operations", | |

```
"minConcurrentPipelinesPerEndpoint":
2,

"maxConcurrentPipelinesPerEndpoint":
6,
            "contentTypes": [
                "Operations-Alert",
                "Operations-
Dashboard",
                "Operations-Report",
                "Operations-
ResourceKindMetricConfig",
                "Operations-
SuperMetric",
                "Operations-
Symptom",
                "Operations-
TextWidgetContent",
                "Operations-
TopoWidgetConfig",
                "Operations-View"
            ]
        },
        {
            "id": "Orchestration",
            "createdOn":
1600767254458,
            "lastUpdatedOn":
1600767254464,
            "name": "Orchestration",

"minConcurrentPipelinesPerEndpoint":
2,

"maxConcurrentPipelinesPerEndpoint":
6,
            "contentTypes": [
                "Orchestrator-
Action",
                "Orchestrator-
ConfigurationElement",
                "Orchestrator-
Package",
                "Orchestrator-
Workflow"
            ]
        },
        {
            "id": "Pipeline",
            "createdOn":
1600767254489,
            "lastUpdatedOn":
1600767254495,
            "name": "Pipeline",
```

```
"minConcurrentPipelinesPerEndpoint":
10,

"maxConcurrentPipelinesPerEndpoint":
20,
            "contentTypes": []
        },
        {
            "id": "SourceControl",
            "createdOn":
1600767254504,
            "lastUpdatedOn":
1600767254511,
            "name": "SourceControl",

"minConcurrentPipelinesPerEndpoint":
2,

"maxConcurrentPipelinesPerEndpoint":
6,
            "contentTypes": [
                "Automation-
ComponentProfile",
                "Automation-
CompositeBlueprint",
                "Automation-
CustomForm",
                "Automation-
PropertyDefinition",
                "Automation-
PropertyGroup",
                "Automation-
ResourceAction",
                "Automation-
ResourceMap",
                "Automation-
ResourceType",
                "Automation-
Software",
                "Automation-
Subscription",
                "Automation-
XaaSBlueprint",
                "Operations-Alert",
                "Operations-
Dashboard",
                "Operations-Report",
                "Operations-
ResourceKindMetricConfig",
                "Operations-
SuperMetric",
                "Operations-
Symptom",
                "Operations-
TextWidgetContent",
```

| | | | |
|---|---|---|---|
| | | "Operations-TopoWidgetConfig",<br>"Operations-View",<br>"Orchestrator-Action",<br>"Orchestrator-ConfigurationElement",<br>"Orchestrator-Package",<br>"Orchestrator-Workflow",<br>"vSphere-CustomSpecification"<br>]<br>},<br>{<br>"id": "vSphere",<br>"createdOn": 1600767254520,<br>"lastUpdatedOn": 1600767254525,<br>"name": "vSphere",<br>"minConcurrentPipelinesPerEndpoint": 1,<br>"maxConcurrentPipelinesPerEndpoint": 1,<br>"contentTypes": [<br>"vSphere-CustomSpecification",<br>"vSphere-Template"<br>]<br>}<br>],<br>"metaData": {<br>"totatlPages": 1,<br>"totalElements": 6,<br>"pageElements": 6,<br>"size": 20,<br>"page": 1<br>}<br>} | |
| Get content category by name and version | GET | lcm/cms/api/v1/contents/categories<br>Request parameter :<br><br>name :<br><br>Response body : | |

# Content Controller

| Name | HTTP Method | Endpoint | Description |
|---|---|---|---|
| Get content items by type | GET | /lcm/cms/api/v1/contentItem<br>Request Parameter :<br>contentType : Operations-Alert<br><br>Response Code : 200 OK<br>Response body :<br><br>[<br>{<br>"id": "2e72e760-55c9-41d3-8249-eccc33c547fc",<br>"createdOn": 1599642320643,<br>"lastUpdatedOn": 1599642320643,<br>"name": "A fatal error occured on a PCIe bus during system reboot",<br>"contentType": "Operations-Alert",<br>"latestVersion": 1,<br>"requestedBy": "admin@local",<br>"category": "Operations"<br>},<br>{<br>"id": "a75e4e40-64e6-45ac-8b91-cbb2dcf3092d",<br>"createdOn": 1599642320648,<br>"lastUpdatedOn": 1599642320648,<br>"name": "A PCIe error occurred during system boot, but the error is recoverable",<br>"contentType": "Operations-Alert",<br>"latestVersion": 1,<br>"requestedBy": "admin@local",<br>"category": "Operations"<br>}<br>] | |

| | | | |
|---|---|---|---|
| Get content items | GET | /lcm/cms/api/v1/contents<br>Response Code : 200 OK<br>Response body :<br><br>{<br>"contents": [<br>{<br>"id": "785ebac0-ea0f-4f64-ad9e-1854f23731eb",<br>"createdOn": 1601962318519,<br>"lastUpdatedOn": 1601962318519,<br>"name": "test-subscription",<br>"contentType": "Automation-Subscription",<br>"latestVersion": 1,<br>"requestedBy": "admin@local",<br>"category": "Automation"<br>},<br>{<br>"id": "1491db79-d61c-49cb-b813-14388bcf6034",<br>"createdOn": 1601962318507,<br>"lastUpdatedOn": 1601962318508,<br>"name": "compute-removal-subs-abx",<br>"contentType": "Automation-Subscription",<br>"latestVersion": 1,<br>"requestedBy": "admin@local",<br>"category": "Automation"<br>},<br>{<br>"id": "43b04a86-13b6-42c2-9c4a-0c2bf24687cd",<br>"createdOn": 1598609292276,<br>"lastUpdatedOn": 1600055454635,<br>"name": "Load Balancer Sessions Rate",<br>"contentType": "Operations-SuperMetric",<br>"latestVersion": 8,<br>"requestedBy": "admin@local",<br>"category": "Operations"<br>},<br>{<br>"id": "1a628089-a57d-4576-8dd3-2bc6b25b0054",<br>"createdOn": 1598609292301,<br>"lastUpdatedOn": 1600055454631,<br>"name": "Is vmnic3 down?", | |

```
            "contentType": "Operations-
SuperMetric",
            "latestVersion": 11,
            "requestedBy": "admin@local",
            "category": "Operations"
        },
        {
            "id": "07c0807f-2b7d-40a9-
bec8-40ed9caf8d76",
            "createdOn": 1598609292286,
            "lastUpdatedOn":
1600055240642,
            "name": "Load Balancer
Session Count",
            "contentType": "Operations-
SuperMetric",
            "latestVersion": 4,
            "requestedBy": "admin@local",
            "category": "Operations"
        },
        {
            "id": "a6b7a6d6-5d81-4b27-
84c6-dd7eb05906f9",
            "createdOn": 1598609292269,
            "lastUpdatedOn":
1599825146665,
            "name": "Is vmnic1 down?",
            "contentType": "Operations-
SuperMetric",
            "latestVersion": 2,
            "requestedBy": "admin@local",
            "category": "Operations"
        },
        {
            "id": "9c96860d-5a42-4d6a-
ae05-9c21a2b98025",
            "createdOn": 1598609292249,
            "lastUpdatedOn":
1599825146657,
            "name": "Edge Load Balancer
Count",
            "contentType": "Operations-
SuperMetric",
            "latestVersion": 2,
            "requestedBy": "admin@local",
            "category": "Operations"
        },
        {
            "id": "a61a0313-9356-4a10-
a671-dc79ff68eff3",
            "createdOn": 1599796032680,
            "lastUpdatedOn":
1599796032680,
            "name": "vsphere_customform-
Development-policy",
```

```
            "contentType": "Automation-
PropertyDefinition",
            "latestVersion": 1,
            "requestedBy": "admin@local",
            "category": "Automation"
        },
        {
            "id": "14a7d604-d5dc-4c26-
83b2-189c6d63ff90",
            "createdOn": 1599796032677,
            "lastUpdatedOn":
1599796032677,
            "name": "financeapp4-Finance-
policy",
            "contentType": "Automation-
PropertyDefinition",
            "latestVersion": 1,
            "requestedBy": "admin@local",
            "category": "Automation"
        },
        {
            "id": "b10bf1a6-1c1a-490c-
9c9f-6f4b9bc00612",
            "createdOn": 1599796032673,
            "lastUpdatedOn":
1599796032673,
            "name": "CatalogItemRequest-1
- 1",
            "contentType": "Automation-
PropertyDefinition",
            "latestVersion": 1,
            "requestedBy": "admin@local",
            "category": "Automation"
        },
        {
            "id": "47e38518-e4a6-4e05-
9f74-db8ed800b76d",
            "createdOn": 1599796032667,
            "lastUpdatedOn":
1599796032668,
            "name":
"vc_aws_customform_green",
            "contentType": "Automation-
CompositeBlueprint",
            "latestVersion": 1,
            "requestedBy": "admin@local",
            "category": "Automation"
        },
        {
            "id": "06a458b6-3fe6-47f1-
a8e0-4da060f1ab60",
            "createdOn": 1599796032663,
            "lastUpdatedOn":
1599796032664,
            "name": "financeapp1",
```

```
            "contentType": "Automation-
CompositeBlueprint",
            "latestVersion": 1,
            "requestedBy": "admin@local",
            "category": "Automation"
        },
        {
            "id": "c7fc577c-a4e9-493c-
a203-ec3e5f93a909",
            "createdOn": 1599796032656,
            "lastUpdatedOn":
1599796032657,
            "name": "nsxt_onlyRouted",
            "contentType": "Automation-
CompositeBlueprint",
            "latestVersion": 1,
            "requestedBy": "admin@local",
            "category": "Automation"
        },
        {
            "id": "79bacbfa-d308-41d1-
b140-5f915ed9aa56",
            "createdOn": 1599796032633,
            "lastUpdatedOn":
1599796032634,
            "name": "SQLDatabase",
            "contentType": "Automation-
ResourceType",
            "latestVersion": 1,
            "requestedBy": "admin@local",
            "category": "Automation"
        },
        {
            "id": "fd5e8495-ee7b-468f-
bc71-c45092d1f0ee",
            "createdOn": 1599740627458,
            "lastUpdatedOn":
1599740627466,
            "name": "VRO-package",
            "contentType": "Orchestrator-
Package",
            "latestVersion": 1,
            "requestedBy": "admin@local",
            "category": "Orchestration"
        },
        {
            "id": "8b75fe9c-690c-4ab1-
a7ea-bedce636c1d6",
            "createdOn": 1599740613859,
            "lastUpdatedOn":
1599740613860,
            "name": "BatchAction",
            "contentType": "Orchestrator-
ConfigurationElement",
            "latestVersion": 1,
            "requestedBy": "admin@local",
```

```
            "category": "Orchestration"
        },
        {
            "id": "d6138def-6772-4212-
931a-d13676ce8a4f",
            "createdOn": 1599740613853,
            "lastUpdatedOn":
1599740613854,
            "name": "BatchObject",
            "contentType": "Orchestrator-
ConfigurationElement",
            "latestVersion": 1,
            "requestedBy": "admin@local",
            "category": "Orchestration"
        },
        {
            "id": "946f3241-6518-48bb-
b8dd-c38e00e35e55",
            "createdOn": 1599642334219,
            "lastUpdatedOn":
1599642334219,
            "name": "A recoverable PCIe
error occurred",
            "contentType": "Operations-
Symptom",
            "latestVersion": 1,
            "requestedBy": "admin@local",
            "category": "Operations"
        },
        {
            "id": "2ae3f5e6-ee3a-4f19-
95f8-845a55771788",
            "createdOn": 1599642334195,
            "lastUpdatedOn":
1599642334195,
            "name": "A fatal PCIe error
occurred",
            "contentType": "Operations-
Symptom",
            "latestVersion": 1,
            "requestedBy": "admin@local",
            "category": "Operations"
        },
        {
            "id": "a75e4e40-64e6-45ac-
8b91-cbb2dcf3092d",
            "createdOn": 1599642320648,
            "lastUpdatedOn":
1599642320648,
            "name": "A PCIe error
occurred during system boot, but the
error is recoverable",
            "contentType": "Operations-
Alert",
            "latestVersion": 1,
            "requestedBy": "admin@local",
```

| | | | |
|---|---|---|---|
| | | "category": "Operations"<br>}<br>],<br>"metaData": {<br>"totatlPages": 2,<br>"totalElements": 25,<br>"pageElements": 20,<br>"size": 20,<br>"page": 1<br>}<br>} | |
| Get content | GET | /lcm/cms/api/v1/contents<br>Request Parameter :<br>id : 785ebac0-ea0f-4f64-ad9e-1854f23731eb<br><br>Response Code : 200 OK<br>Response body :<br><br>{<br>"contents": [<br>{<br>"id": "785ebac0-ea0f-4f64-ad9e-1854f23731eb",<br>"createdOn": 1601962318519,<br>"lastUpdatedOn": 1601962318519,<br>"name": "test-subscription",<br>"contentType": "Automation-Subscription",<br>"latestVersion": 1,<br>"requestedBy": "admin@local",<br>"category": "Automation"<br>}<br>],<br>"metaData": {<br>"totatlPages": 1,<br>"totalElements": 1,<br>"pageElements": 1,<br>"size": 20,<br>"page": 1<br>}<br>} | |

| | | | |
|---|---|---|---|
| Delete content Items | DELETE | /lcm/cms/api/v1/contents/delete<br>Request parameter :<br>contentItemIds : 785ebac0-ea0f-4f64-ad9e-1854f23731eb<br><br>Response Code : 200 OK<br>Response body : | Deletes content with given Id |
| Get content versions | GET | /lcm/cms/api/v1/contents/versions<br>Response Code : 200 OK<br>Response body :<br><br>{<br>"contents": [<br>{}<br>],<br>"metaData": {<br>"page": 0,<br>"pageElements": 0,<br>"size": 0,<br>"totalElements": 0,<br>"totatlPages": 0<br>}<br>} | |
| Get content version with 'versionId' | GET | /lcm/cms/api/v1/contents/versions<br>Response Code : 200 OK<br>Response body : | |
| Delete dependency | DELETE | | |
| Download artifact file | GET | | |
| Delete content versions | POST | | |
| Get latest deployed content version | GET | | |

# Content Filter Controller

| Name | HTTP Method | Endpoint | Description |
|---|---|---|---|
| Get content filter names | GET | /lcm/cms/api/v1/contents/filters<br>`Response Code : 200 OK`<br>`Response body :` | |
| Create content filter | POST | | |
| Update content filter | PUT | | |
| Get content filter by name | GET | | |
| Delete content filter | DELETE | | |

# Content Type Controller

| Name | HTTP Method | Endpoint | Description |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Get content types | GET | The picture can’t /lcm/cms/api/v1/contents/types<br>Response Code : 200 OK<br>Response body :<br><br>{<br>"contents": [<br>{<br>"id": "Automation-ComponentProfile",<br>"createdOn": 1600767254044,<br>"lastUpdatedOn": 1600767254078,<br>"name": "Automation-ComponentProfile",<br>"supportPackageMerge": false,<br>"supportsDependencies": false,<br>"supportsFolders": false<br>},<br>{<br>"id": "Automation-CompositeBlueprint",<br>"createdOn": 1600767254130,<br>"lastUpdatedOn": 1600767254135,<br>"name": "Automation-CompositeBlueprint",<br>"supportPackageMerge": true,<br>"supportsDependencies": true,<br>"supportsFolders": false<br>},<br>{<br>"id": "Automation-CustomForm",<br>"createdOn": 1600767254206, | |

"lastUpdatedOn": 1600767254212,
"name": "Automation-CustomForm",

"supportPackageMerge": true,

"supportsDependencies": true,

"supportsFolders": false
},
{
"id": "Automation-PropertyDefinition",
"createdOn": 1600767254117,

"lastUpdatedOn": 1600767254122,
"name": "Automation-PropertyDefinition",

"supportPackageMerge": true,

"supportsDependencies": true,

"supportsFolders": false
},
{
"id": "Automation-PropertyGroup",
"createdOn": 1600767254143,

"lastUpdatedOn": 1600767254149,
"name": "Automation-PropertyGroup",

"supportPackageMerge": true,

"supportsDependencies": true,

"supportsFolders": false
},

```
        {
            "id":
"Automation-
ResourceAction",
            "createdOn":
1600767254171,

"lastUpdatedOn":
1600767254177,
            "name":
"Automation-
ResourceAction",

"supportPackageMerge":
true,

"supportsDependencies":
true,

"supportsFolders": false
        },
        {
            "id":
"Automation-ResourceMap",
            "createdOn":
1600767254183,

"lastUpdatedOn":
1600767254189,
            "name":
"Automation-ResourceMap",

"supportPackageMerge":
true,

"supportsDependencies":
true,

"supportsFolders": false
        },
        {
            "id":
"Automation-ResourceType",
            "createdOn":
1600767254196,

"lastUpdatedOn":
1600767254201,
            "name":
"Automation-ResourceType",

"supportPackageMerge":
true,

"supportsDependencies":
true,
```

"supportsFolders": false
        },
        {
            "id":
"Automation-Software",
            "createdOn":
1600767254159,

"lastUpdatedOn":
1600767254165,
            "name":
"Automation-Software",

"supportPackageMerge":
false,

"supportsDependencies":
false,

"supportsFolders": false
        },
        {
            "id":
"Automation-Subscription",
            "createdOn":
1600767254090,

"lastUpdatedOn":
1600767254096,
            "name":
"Automation-Subscription",

"supportPackageMerge":
true,

"supportsDependencies":
true,

"supportsFolders": false
        },
        {
            "id":
"Automation-
XaaSBlueprint",
            "createdOn":
1600767254103,

"lastUpdatedOn":
1600767254109,
            "name":
"Automation-
XaaSBlueprint",

"supportPackageMerge":
true,

```
"supportsDependencies":
true,

"supportsFolders": false
        },
        {
            "id":
"Operations-Alert",
            "createdOn":
1600767254263,

"lastUpdatedOn":
1600767254270,
            "name":
"Operations-Alert",

"supportPackageMerge":
false,

"supportsDependencies":
true,

"supportsFolders": false
        },
        {
            "id":
"Operations-Dashboard",
            "createdOn":
1600767254277,

"lastUpdatedOn":
1600767254282,
            "name":
"Operations-Dashboard",

"supportPackageMerge":
false,

"supportsDependencies":
true,

"supportsFolders": false
        },
        {
            "id":
"Operations-Report",
            "createdOn":
1600767254288,

"lastUpdatedOn":
1600767254293,
            "name":
"Operations-Report",
```

"supportPackageMerge": false,

"supportsDependencies": true,

"supportsFolders": false
        },
        {
            "id": "Operations-ResourceKindMetricConfig",
            "createdOn": 1600767254299,

"lastUpdatedOn": 1600767254304,
            "name": "Operations-ResourceKindMetricConfig",

"supportPackageMerge": false,

"supportsDependencies": true,

"supportsFolders": false
        },
        {
            "id": "Operations-SuperMetric",
            "createdOn": 1600767254310,

"lastUpdatedOn": 1600767254314,
            "name": "Operations-SuperMetric",

"supportPackageMerge": false,

"supportsDependencies": true,

"supportsFolders": false
        },
        {
            "id": "Operations-Symptom",
            "createdOn": 1600767254363,

```
"lastUpdatedOn":
1600767254376,
            "name":
"Operations-Symptom",

"supportPackageMerge":
false,

"supportsDependencies":
false,

"supportsFolders": false
        },
        {
            "id":
"Operations-
TextWidgetContent",
            "createdOn":
1600767254320,

"lastUpdatedOn":
1600767254325,
            "name":
"Operations-
TextWidgetContent",

"supportPackageMerge":
false,

"supportsDependencies":
false,

"supportsFolders": false
        },
        {
            "id":
"Operations-
TopoWidgetConfig",
            "createdOn":
1600767254335,

"lastUpdatedOn":
1600767254342,
            "name":
"Operations-
TopoWidgetConfig",

"supportPackageMerge":
false,

"supportsDependencies":
false,

"supportsFolders": false
        },
```

```
        {
            "id":
"Operations-View",
            "createdOn":
1600767254348,

"lastUpdatedOn":
1600767254355,
            "name":
"Operations-View",

"supportPackageMerge":
false,

"supportsDependencies":
true,

"supportsFolders": false
        },
        {
            "id":
"Orchestrator-Action",
            "createdOn":
1600767254241,

"lastUpdatedOn":
1600767254246,
            "name":
"Orchestrator-Action",

"supportPackageMerge":
true,

"supportsDependencies":
true,

"supportsFolders": true
        },
        {
            "id":
"Orchestrator-
ConfigurationElement",
            "createdOn":
1600767254251,

"lastUpdatedOn":
1600767254256,
            "name":
"Orchestrator-
ConfigurationElement",

"supportPackageMerge":
true,

"supportsDependencies":
true,
```

```
"supportsFolders": true
        },
        {
            "id":
"Orchestrator-Package",
            "createdOn":
1600767254218,

"lastUpdatedOn":
1600767254224,
            "name":
"Orchestrator-Package",

"supportPackageMerge":
true,

"supportsDependencies":
false,

"supportsFolders": false
        },
        {
            "id":
"Orchestrator-Workflow",
            "createdOn":
1600767254230,

"lastUpdatedOn":
1600767254236,
            "name":
"Orchestrator-Workflow",

"supportPackageMerge":
true,

"supportsDependencies":
true,

"supportsFolders": true
        },
        {
            "id":
"vSphere-
CustomSpecification",
            "createdOn":
1600767254382,

"lastUpdatedOn":
1600767254386,
            "name":
"vSphere-
CustomSpecification",

"supportPackageMerge":
false,
```

| | | | |
|---|---|---|---|
| | | "supportsDependencies": false,<br><br>"supportsFolders": false<br>},<br>{<br>"id": "vSphere-Template",<br>"createdOn": 1600767254393,<br><br>"lastUpdatedOn": 1600767254397,<br>"name": "vSphere-Template",<br><br>"supportPackageMerge": false,<br><br>"supportsDependencies": false,<br><br>"supportsFolders": false<br>}<br>],<br>"metaData": {<br>"totatlPages": 1,<br>"totalElements": 26,<br>"pageElements": 26,<br>"size": 30,<br>"page": 1<br>}<br>} | |

# Dependency Artifact Controller

| Name | HTTP Method | Endpoint | Description |
|---|---|---|---|
| Get dependency artifacts | GET | | |

Endpoint Controller

| Name | HTTP Method | Endpoint | Description |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Get endpoints | GET | /lcm/cms/api/v1/endpoints<br>Response Code : 200 OK<br>Response body :<br>{<br>"contents": [<br>{<br>"id": "a62c4d79-c2e1-416a-95de-215de772484c",<br>"createdOn": 1601962196119,<br>"lastUpdatedOn": 1601962196574,<br>"supportCapture": true,<br>"supportTest": true,<br>"supportRelease": true,<br>"supportTemplates": false,<br>"supportOnlySourceControlledContent": true,<br>"storeTemplates": false,<br>"requestedBy": "admin@local",<br>"name": "cava-vra-test",<br>"enabled": true,<br>"category": "Automation",<br>"systemEndpoint": false,<br>"version": "8.x",<br>"server": "cava-6-245-135.eng.vmware.com",<br>"userName": "fritz",<br>"password": "locker:eb6210f2-4913-447f-916d-02e879fc84a7",<br>"vroServerId": "4a2c5b69-b99a-4a2d-bbad-a9c354543705",<br>"overlayPackageId": "fd5e8495-ee7b-468f-bc71-c45092d1f0ee",<br>"reviewRequired": false,<br>"endpointType": "CONTENT_ENDPOINT",<br>"userIdentity": "admin@local"<br>},<br>{<br>"id": "4a2c5b69-b99a-4a2d-bbad-a9c354543705",<br>"createdOn": 1601962195390,<br>"lastUpdatedOn": 1601962195773, | |

```
            "supportCapture": true,
            "supportTest": true,
            "supportRelease": true,
            "supportTemplates":
false,

"supportOnlySourceControlledContent":
true,
            "storeTemplates": false,
            "requestedBy":
"admin@local",
            "name": "cava-vra-test-
orchestrator",
            "enabled": true,
            "category":
"Orchestration",
            "systemEndpoint": false,
            "version": "8.x",
            "server": "cava-6-245-
135.eng.vmware.com",
            "userName": "fritz",
            "password":
"locker:85be2b3c-34fe-411b-8723-
6042ba87f749",
            "ignoreModules":
"com.vmware",
            "ignoreWorkflowFolders":
"/Library,/System",
            "reviewRequired": false,
            "endpointType":
"CONTENT_ENDPOINT",
            "userIdentity":
"admin@local"
        },
        {
            "id": "f2c8c8d6-084e-
4296-a9d1-1612db78755b",
            "createdOn":
1599798387346,
            "lastUpdatedOn":
1599798387358,
            "supportCapture": true,
            "supportTest": true,
            "supportRelease": true,
            "supportTemplates":
false,

"supportOnlySourceControlledContent":
false,
            "storeTemplates": false,
            "requestedBy":
"admin@local",
            "name": "bbcloud-test2",
            "enabled": true,
            "category":
"SourceControl",
```

```
            "systemEndpoint": false,
            "server":
"bitbucket.org",
            "password": "",
            "sourceControlType":
"bitbucket-cloud",
            "reviewRequired": false,
            "sourceControlServerId":
"83736112-e915-4732-b6c3-
46f4f3dd1434",
            "endpointType":
"CONTENT_ENDPOINT",
            "branch": "master",
            "repository": "repo-
test",
            "userIdentity":
"admin@local"
        },
        {
            "id": "5983b808-4bd9-
453c-84bb-82f5fb901bd0",
            "createdOn":
1599796503160,
            "lastUpdatedOn":
1599796503615,
            "supportCapture": true,
            "supportTest": true,
            "supportRelease": true,
            "supportTemplates":
false,

"supportOnlySourceControlledContent":
false,
            "storeTemplates": false,
            "requestedBy":
"admin@local",
            "name": "VRA-NIGHTLY-
RELEASE",
            "enabled": true,
            "category": "Automation",
            "systemEndpoint": false,
            "version": "8.x",
            "server": "lcm-32-
222.sqa.local",
            "userName":
"configadmin",
            "password":
"locker:74ee1c45-275d-47e6-b573-
5312b28df14f",
            "vroServerId": "49bb40a9-
9fbf-460f-b24e-6d96fdaa287b",
            "overlayPackageId":
"fd5e8495-ee7b-468f-bc71-
c45092d1f0ee",
            "reviewRequired": false,
```

```
            "endpointType":
"CONTENT_ENDPOINT",
            "userIdentity":
"admin@local"
        },
        {
            "id": "6821d75e-091a-
494e-91ff-4bc058e169de",
            "createdOn":
1599795944452,
            "lastUpdatedOn":
1599795944478,
            "supportCapture": true,
            "supportTest": true,
            "supportRelease": true,
            "supportTemplates":
false,

"supportOnlySourceControlledContent":
false,
            "storeTemplates": false,
            "requestedBy":
"admin@local",
            "name": "VRA-NIGHTLY-
TEST",
            "enabled": true,
            "category": "Automation",
            "systemEndpoint": false,
            "version": "8.x",
            "server": "lcm-32-
222.sqa.local",
            "userName":
"configadmin",
            "password":
"locker:8afa36da-4723-4b42-8816-
e49fbcd3c2ae",
            "vroServerId": "49bb40a9-
9fbf-460f-b24e-6d96fdaa287b",
            "overlayPackageId":
"fd5e8495-ee7b-468f-bc71-
c45092d1f0ee",
            "reviewRequired": false,
            "endpointType":
"CONTENT_ENDPOINT",
            "userIdentity":
"admin@local"
        },
        {
            "id": "f34ba9d4-45e4-
4d11-aefa-d2200cdaca0c",
            "createdOn":
1599794260747,
            "lastUpdatedOn":
1599794261127,
            "errorMessage": "Endpoint
test connection failed",
```

```
            "supportCapture": true,
            "supportTest": true,
            "supportRelease": false,
            "supportTemplates":
false,

"supportOnlySourceControlledContent":
false,
            "storeTemplates": false,
            "requestedBy":
"admin@local",
            "name": "vra-temp",
            "enabled": false,
            "category": "Automation",
            "systemEndpoint": false,
            "version": "8.x",
            "server": "lcm-56-
82.sqa.local",
            "userName":
"configadmin",
            "password":
"locker:82f38757-baaf-4031-9ffe-
6ffe3049f198",
            "vroServerId": "49bb40a9-
9fbf-460f-b24e-6d96fdaa287b",
            "overlayPackageId":
"fd5e8495-ee7b-468f-bc71-
c45092d1f0ee",
            "reviewRequired": false,
            "endpointType":
"CONTENT_ENDPOINT",
            "userIdentity":
"admin@local"
        },
        {
            "id": "3d8d82ac-b3a7-
474e-8eac-2ecd8e7f81c3",
            "createdOn":
1599741029823,
            "lastUpdatedOn":
1599741030166,
            "errorMessage": "Endpoint
test connection failed",
            "supportCapture": true,
            "supportTest": true,
            "supportRelease": false,
            "supportTemplates":
false,

"supportOnlySourceControlledContent":
false,
            "storeTemplates": false,
            "requestedBy":
"admin@local",
            "name": "VRA-test",
            "enabled": false,
```

```
            "category": "Automation",
            "systemEndpoint": false,
            "version": "8.x",
            "server": "lcm-56-
82.sqa.local",
            "userName":
"configadmin",
            "password":
"locker:d166cd00-44ba-4b57-936b-
ed03ba850e40",
            "vroServerId": "49bb40a9-
9fbf-460f-b24e-6d96fdaa287b",
            "overlayPackageId":
"fd5e8495-ee7b-468f-bc71-
c45092d1f0ee",
            "reviewRequired": false,
            "endpointType":
"CONTENT_ENDPOINT",
            "userIdentity":
"admin@local"
        },
        {
            "id": "49bb40a9-9fbf-
460f-b24e-6d96fdaa287b",
            "createdOn":
1599741029038,
            "lastUpdatedOn":
1599741029409,
            "errorMessage": "Endpoint
test connection failed",
            "supportCapture": true,
            "supportTest": true,
            "supportRelease": false,
            "supportTemplates":
false,

"supportOnlySourceControlledContent":
false,
            "storeTemplates": false,
            "requestedBy":
"admin@local",
            "name": "VRA-test-
orchestrator",
            "enabled": false,
            "category":
"Orchestration",
            "systemEndpoint": false,
            "version": "8.x",
            "server": "lcm-56-
82.sqa.local",
            "userName":
"configadmin",
            "password":
"locker:4197ceae-16e0-46af-844b-
fa866e9a2bd7",
```

```
            "ignoreModules":
"com.vmware",
            "ignoreWorkflowFolders":
"/Library,/System",
            "reviewRequired": false,
            "endpointType":
"CONTENT_ENDPOINT",
            "userIdentity":
"admin@local"
        },
        {
            "id": "ba5540fb-e180-
4dd9-9bc6-99cf51ce11b7",
            "createdOn":
1599740476959,
            "lastUpdatedOn":
1599740477317,
            "errorMessage": "Endpoint
test connection failed",
            "supportCapture": true,
            "supportTest": true,
            "supportRelease": false,
            "supportTemplates":
false,

"supportOnlySourceControlledContent":
false,
            "storeTemplates": false,
            "requestedBy":
"admin@local",
            "name": "vRO-test",
            "enabled": false,
            "category":
"Orchestration",
            "systemEndpoint": false,
            "version": "8.x",
            "server": "lcm-56-
82.sqa.local",
            "userName":
"configadmin",
            "password":
"locker:7d851788-bc0c-460c-a534-
36751c12cb73",
            "ignoreModules":
"com.vmware",
            "ignoreWorkflowFolders":
"/Library,/System",
            "reviewRequired": false,
            "endpointType":
"CONTENT_ENDPOINT",
            "userIdentity":
"admin@local"
        },
        {
            "id": "2e906674-544e-
4793-917b-145fa9285f91",
```

```
            "createdOn":
1599659228602,
            "lastUpdatedOn":
1599659228615,
            "supportCapture": true,
            "supportTest": true,
            "supportRelease": false,
            "supportTemplates":
false,

"supportOnlySourceControlledContent":
false,
            "storeTemplates": false,
            "requestedBy":
"admin@local",
            "name": "bbcloud-test",
            "enabled": true,
            "category":
"SourceControl",
            "systemEndpoint": false,
            "server":
"bitbucket.org",
            "password": "",
            "sourceControlType":
"bitbucket-cloud",
            "reviewRequired": false,
            "sourceControlServerId":
"83736112-e915-4732-b6c3-
46f4f3dd1434",
            "endpointType":
"CONTENT_ENDPOINT",
            "branch": "master",
            "repository": "repo-
demo",
            "userIdentity":
"admin@local"
        },
        {
            "id": "6fed12f0-739e-
4f9d-b7f4-0799a585a6be",
            "createdOn":
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            "lastUpdatedOn":
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            "supportCapture": true,
            "supportTest": true,
            "supportRelease": true,
            "supportTemplates":
false,

"supportOnlySourceControlledContent":
false,
            "storeTemplates": false,
            "requestedBy":
"admin@local",
            "name": "gitlab-test2",
```

```
            "enabled": true,
            "category":
"SourceControl",
            "systemEndpoint": false,
            "server":
"gitlab.eng.vmware.com",
            "password": "",
            "sourceControlType":
"gitlab",
            "reviewRequired": false,
            "sourceControlServerId":
"fb735a14-2784-4998-b7f7-
54e2d59e912f",
            "endpointType":
"CONTENT_ENDPOINT",
            "branch": "master",
            "repository": "lcm-sca-
group/subgroup/demo-project",
            "userIdentity":
"admin@local"
        },
        {
            "id": "e147c809-943d-
41c9-8089-65a771e3e25b",
            "createdOn":
1598845791864,
            "lastUpdatedOn":
1598845791876,
            "supportCapture": true,
            "supportTest": true,
            "supportRelease": true,
            "supportTemplates":
false,

"supportOnlySourceControlledContent":
false,
            "storeTemplates": false,
            "requestedBy":
"admin@local",
            "name": "gitlab-test1",
            "enabled": true,
            "category":
"SourceControl",
            "systemEndpoint": false,
            "server":
"gitlab.eng.vmware.com",
            "password": "",
            "sourceControlType":
"gitlab",
            "reviewRequired": false,
            "sourceControlServerId":
"fb735a14-2784-4998-b7f7-
54e2d59e912f",
            "endpointType":
"CONTENT_ENDPOINT",
            "branch": "master",
```

```
            "repository": "lcm-sca-
group/lcm-sca-demo",
            "userIdentity":
"admin@local"
        },
        {
            "id": "d1757d22-305b-
48a6-af9c-da2068d9def0",
            "createdOn":
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            "lastUpdatedOn":
1598845618911,
            "supportCapture": true,
            "supportTest": true,
            "supportRelease": false,
            "supportTemplates":
false,

"supportOnlySourceControlledContent":
false,
            "storeTemplates": false,
            "requestedBy":
"admin@local",
            "name": "gitlab-test",
            "enabled": true,
            "category":
"SourceControl",
            "systemEndpoint": false,
            "server":
"gitlab.eng.vmware.com",
            "password": "",
            "sourceControlType":
"gitlab",
            "reviewRequired": false,
            "sourceControlServerId":
"fb735a14-2784-4998-b7f7-
54e2d59e912f",
            "endpointType":
"CONTENT_ENDPOINT",
            "branch": "master",
            "repository": "lcm-sca-
group/lcm-sca-demo",
            "userIdentity":
"admin@local"
        },
        {
            "id": "283a1543-2547-
4dee-92b5-addafaa87999",
            "createdOn":
1598610409810,
            "lastUpdatedOn":
1598610409828,
            "errorMessage": "Endpoint
test connection failed",
            "supportCapture": true,
            "supportTest": true,
```

| | | | |
|---|---|---|---|
| | | "supportRelease": true,<br>"supportTemplates": false,<br>"supportOnlySourceControlledContent": false,<br>"storeTemplates": false,<br>"requestedBy": "admin@local",<br>"name": "vROps-test",<br>"enabled": false,<br>"category": "Operations",<br>"systemEndpoint": false,<br>"server": "10.196.57.80",<br>"userName": "admin@local",<br>"password": "locker:8cfd2613-03eb-403d-803e-a21bf5c78a94",<br>"sshUserName": "root",<br>"sshPassword": "locker:8af5058a-ea14-4b90-b4c9-500c17c9f2ea",<br>"reviewRequired": false,<br>"endpointType": "CONTENT_ENDPOINT",<br>"userIdentity": "admin@local"<br>}<br>],<br>"metaData": {<br>"totatlPages": 1,<br>"totalElements": 14,<br>"pageElements": 14,<br>"size": 20,<br>"page": 1<br>}<br>} | |
| Create endpoint | POST | /lcm/cms/api/v1/endpoints<br>Response Code : 200 OK<br>Response body : | |

| | | | |
|---|---|---|---|
| Get endpoint with 'id' | GET | /lcm/cms/api/v1/endpoints<br>Request parameter :<br>id : a62c4d79-c2e1-416a-95de-215de772484c<br>Response Code : 200 OK<br>Response body :<br><br>{<br>"contents": [<br>{<br>"id": "a62c4d79-c2e1-416a-95de-215de772484c",<br>"createdOn": 1601962196119,<br>"lastUpdatedOn": 1601962196574,<br>"supportCapture": true,<br>"supportTest": true,<br>"supportRelease": true,<br>"supportTemplates": false,<br>"supportOnlySourceControlledContent": true,<br>"storeTemplates": false,<br>"requestedBy": "admin@local",<br>"name": "cava-vra-test",<br>"enabled": true,<br>"category": "Automation",<br>"systemEndpoint": false,<br>"version": "8.x",<br>"server": "cava-6-245-135.eng.vmware.com",<br>"userName": "fritz",<br>"password": "locker:eb6210f2-4913-447f-916d-02e879fc84a7",<br>"vroServerId": "4a2c5b69-b99a-4a2d-bbad-a9c354543705",<br>"overlayPackageId": "fd5e8495-ee7b-468f-bc71-c45092d1f0ee",<br>"reviewRequired": false,<br>"endpointType": "CONTENT_ENDPOINT",<br>"userIdentity": "admin@local"<br>}<br>],<br>"metaData": {<br>"totatlPages": 1,<br>"totalElements": 1, | |

| | | | |
|---|---|---|---|
| | | "pageElements": 1,<br>"size": 20,<br>"page": 1<br>}<br>} | |
| Update endpoint with 'id' | PUT | /lcm/cms/api/v1/endpoints<br>Response Code : 200 OK<br>Response body : | |
| Delete endpoint with 'id' | DELETE | /lcm/cms/api/v1/endpoints<br>Response Code : 200 OK<br>Response body : | |

# Endpoint Server Controller

| Name | HTTP Method | Endpoint | Description |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Get endpoint servers | GET | The picture can...<br>/lcm/cms/api/v1/endpoint-servers<br>Response Code : 200 OK<br>Response body :<br>{<br>"contents": [<br>{<br>"name": "bitbucket",<br>"proxyEnabled": false,<br>"requestId": "1faf8da8-71c2-4a6b-916a-81deb56619ed",<br>"requestedBy": "admin@local",<br>"lastUpdatedBy": "admin@local"<br>},<br>{<br>"name": "bitbucket.org",<br>"proxyEnabled": false,<br>"requestId": "f2e38537-4f2c-4c4b-ba5a-cfa34e82ab47",<br>"requestedBy": "admin@local",<br>"lastUpdatedBy": "admin@local"<br>},<br>{<br>"name": "gitlab.rishi",<br>"proxyEnabled": false,<br>"requestId": "6e369ae8-e6f6-450b-bbd8-a7e7e46cced7",<br>"requestedBy": "admin@local",<br>"lastUpdatedBy": "admin@local"<br>},<br>{ | |

| | | | |
|---|---|---|---|
| | | "name": "gitlab.eng.vmware.com",<br><br>"proxyEnabled": false,<br>"requestId": "f8bc61c7-dd2d-4d13-a7cc-14e265424c65",<br><br>"requestedBy": "admin@local",<br><br>"lastUpdatedBy": "admin@local"<br>}<br>],<br>"metaData": {<br>"totatlPages": 1,<br>"totalElements": 4,<br>"pageElements": 4,<br>"size": 20,<br>"page": 1<br>}<br>} | |
| Update endpoint | PUT | /lcm/cms/api/v1/endpoint-servers<br>Request body :<br><br>{<br>"endpointServersList": [<br>{<br>"lastUpdatedBy": "string",<br>"name": "string",<br>"proxyEnabled": true,<br>"requestId": "string",<br>"requestedBy": "string"<br>}<br>]<br>}<br><br>Response Code : 200 OK | |

# Global Config Controller

| Name | HTTP Method | Endpoint | Description |
|---|---|---|---|
| Get global config | GET | The picture can'... /lcm/cms/api/v1/globalConfig<br>`Response Code : 200 OK`<br>`Response body :`<br><br>{<br>"`createProductionContent`": `false`<br>} | |

# List Controller

| Name | HTTP Method | Endpoint | Description |
|---|---|---|---|

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|---|---|---|---|
| List Content | GET | /lcm/cms/api/v1/endpoints/{id}/content-list/{type}<br>Request parameters :<br>id (version id) : 283a1543-2547-4dee-92b5-addafaa87999<br>type (content type) : Operations-Supermetric<br><br>Response Code : 202 Accepted<br>Response body :<br><br>{<br>"requestId": "55522783-4c1d-460f-9897-39aa5cb0853f",<br>"status": "IN_PROGRESS",<br>"message": "Creating List Content",<br>"referenceId": "9de8ae11-17d5-4dcf-9199-4e1f924c8a3b"<br>} | |
| List content by ID | GET | | |

# Multi Content Controller

| Name | HTTP Method | Endpoint | Description |
|---|---|---|---|
| Create multi content pipeline | POST | | |

# Pipeline Controller

| Name | HTTP Method | Endpoint | Description |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Get all pipelines | GET | The picture can'...<br>/lcm/cms/api/v1/pipelines<br>Response Code : 200 OK<br>Response body :<br>{<br>"contents": [<br>{<br>"id": "post-deploy-pipeline",<br>"createdOn": 1598592805057,<br>"lastUpdatedOn": 1598592805057,<br>"name": "Post-Deploy-Pipeline",<br>"pipelineType": "STUB_PIPELINE",<br>"activated": false,<br>"pipelineCondition": "EXECUTE_ON_SUCCESS_AND_FAILURE",<br>"paramList": "contentEndpoint,contentId,contentName,contentType,contentVersionId,requestId,requestNumber,status,requestedBy,userIdentity"<br>},<br>{<br>"id": "pre-deploy-pipeline", | |

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| | | "createdOn": 1598592805036,<br><br>"lastUpdatedOn": 1598592805036,<br><br>"name": "Pre-Deploy-Pipeline",<br><br>"pipelineType": "STUB_PIPELINE",<br><br>"activated": false,<br><br>"pipelineCondition": "EXECUTE_ON_SUCCESS_AND_FAILURE",<br><br>"paramList": "contentEndpoint,contentId,contentName,contentType,contentVersionId,requestId,requestNumber,requestedBy,userIdentity"<br>},<br>{<br><br>"id": "post-test-pipeline",<br><br>"createdOn": 1598592805018,<br><br>"lastUpdatedOn": 1598592805018,<br><br>"name": "Post-Test-Pipeline",<br><br>"pipelineType": "STUB_PIPELINE",<br><br>"activated": false,<br><br>"pipelineCondition": "EXECUTE_ON_SUCC | |

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| | | ESS_AND_FAILURE",<br><br>"paramList": "contentEndpoint,contentId,contentName,contentType,contentVersionId,requestId,requestNumber,status,requestedBy,userIdentity"<br>},<br>{<br><br>"id": "pre-test-pipeline",<br><br>"createdOn": 1598592805006,<br><br>"lastUpdatedOn": 1598592805006,<br><br>"name": "Pre-Test-Pipeline",<br><br>"pipelineType": "STUB_PIPELINE",<br><br>"activated": false,<br><br>"pipelineCondition": "EXECUTE_ON_SUCCESS_AND_FAILURE",<br><br>"paramList": "contentEndpoint,contentId,contentName,contentType,contentVersionId,requestId,requestNumber,requestedBy,userIdentity"<br>},<br>{<br><br>"id": "post-capture-pipeline", | |

| | | | |
|---|---|---|---|
| | | "createdOn": 1598592804978,<br><br>"lastUpdatedOn": 1598592804978,<br><br>"name": "Post-Capture-Pipeline",<br><br>"pipelineType": "STUB_PIPELINE",<br><br>"activated": false,<br><br>"pipelineCondition": "EXECUTE_ON_SUCCESS_AND_FAILURE",<br><br>"paramList": "contentEndpoint,contentId,contentName,contentType,contentVersionId,requestId,requestNumber,status,requestedBy,userIdentity,tagNames"<br>},<br>{<br><br>"id": "pre-capture-pipeline",<br><br>"createdOn": 1598592804969,<br><br>"lastUpdatedOn": 1598592804969,<br><br>"name": "Pre-Capture-Pipeline",<br><br>"pipelineType": "STUB_PIPELINE",<br><br>"activated": false, | |

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|---|---|---|---|
| | | "pipelineCondition": "EXECUTE_ON_SUCCESS_AND_FAILURE",<br><br>"paramList": "contentEndpoint,contentId,contentName,contentType,contentVersionId,requestId,requestNumber,requestedBy,userIdentity,tagNames"<br>},<br>{<br><br>"id": "capture-pipeline",<br><br>"createdOn": 1598592804957,<br><br>"lastUpdatedOn": 1598592804957,<br><br>"name": "Capture-Pipeline",<br><br>"pipelineType": "CAPTURE_PIPELINE",<br><br>"activated": false,<br><br>"pipelineCondition": "EXECUTE_ON_SUCCESS_AND_FAILURE"<br>},<br>{<br><br>"id": "content-pipeline",<br><br>"createdOn": 1598592804914,<br><br>"lastUpdatedOn": 1598592804914,<br><br>"name": | |

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|---|---|---|---|
| | | "Content-Pipeline",<br><br>"pipelineType": "CONTENT_PIPELINE",<br><br>"activated": false,<br><br>"pipelineCondition": "EXECUTE_ON_SUCCESS_AND_FAILURE"<br>}<br>],<br>"metaData": {<br><br>"totatlPages": 1,<br><br>"totalElements": 8,<br><br>"pageElements": 8,<br>"size": 20,<br>"page": 1<br>}<br>} | |
| Configure PrePost pipelines | PUT | | |

| | | | |
|---|---|---|---|
| Get pipeline executions | GET | /lcm/cms/api/v1/pipelines/executions<br>Response Code : 200 OK<br>Response body :<br>{<br>"contents": [<br>{<br>"id": "a2d43a3c-15d9-448c-979c-e4330c933ec6",<br>"createdOn": 1601962318524,<br>"lastUpdatedOn": 1601962344959,<br>"pipelineType": "CONTENT_PIPELINE",<br>"category": "Unknown",<br>"pipelineData": "{\"stages\":[{\"stage\":\"CAPTURE\",\"comment\":\"cava test\",\"endpointIds\":[\"a62c4d79-c2e1-416a-95de-215de772484c\"],\"tagNames\":[],\"contents\":[{\"contentDetails\":[{\"contentName\":\"compute-removal-subs-abx\",\"contentId\":\"sub_1601960733833\"},{\"contentName\":\"test-subscription\",\"contentId\":\"s | |

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|---|---|---|---|
| | | ub_1601960091971\"}],\"contentType\":\"Automation-Subscription\",\"captureByFolder\":false}],\"vroSharedPackageName\":null,\"productionReady\":false,\"includeDependencies\":false,\"contentVersionIds\":[\"b011924b-885c-4865-866f-187e545fce28\",\"a455defa-e418-43fc-b213-d2092d605538\"],\"unitTestEndpointId\":null,\"enableUnitTests\":false,\"enableDeploy\":false,\"stopUnitTestsOnFirstFailure\":false,\"deployLatest\":true,\"stopDeployOnFirstFailure\":true,\"deployFiles\":[],\"requestId\":\"fd619303-e5bd-439d-bc3f-204883ce7e2b\",\"requestNumber\":99,\"preEnabled\":false,\"postEnabled\":false,\"postPipelineCondition\":null,\"requestedBy\":\"admin@local\",\"userIdentity\":\"admin@local\",\"timeout\":28800,\"stubTimeout\":3600,\"status\":null}],\"requestId\":\"fd619303-e5bd-439d-bc3f-204883ce7e2b\",\"requestedBy\":\"admin@local\"}", | |

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|---|---|---|---|
| | | "status": "COMPLETED",<br><br>"requestId": "fd619303-e5bd-439d-bc3f-204883ce7e2b",<br><br>"engineId": "a966e60e-b07a-47cd-97fe-e22caf5c7313",<br><br>"pipelineId": "content-pipeline",<br><br>"executionNumber": 62,<br><br>"requestedBy": "admin@local",<br><br>"startedOn": 1601962322657<br>},<br>{<br><br>"id": "fd23fefe-a687-421a-85bd-5c367ff5e1ad",<br><br>"createdOn": 1601962324850,<br><br>"lastUpdatedOn": 1601962338918,<br><br>"contentType": "Automation-Subscription",<br><br>"contentName": "test-subscription",<br><br>"pipelineType": "CAPTURE_PIPELINE",<br><br>"category": "Automation",<br><br>"pipelineData": "{\"stage\":\"CA | |

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|---|---|---|---|
| | | PTURE\",\"comment\":\"cava test\",\"endpointIds\":[\"a62c4d79-c2e1-416a-95de-215de772484c\"],\"tagNames\":[],\"contents\":[{\"contentDetails\":[{\"contentName\":\"test-subscription\",\"contentId\":\"sub_1601960091971\"}],\"contentType\":\"Automation-Subscription\",\"captureByFolder\":false}],\"vroSharedPackageName\":null,\"productionReady\":false,\"includeDependencies\":false,\"contentVersionIds\":[\"a455defa-e418-43fc-b213-d2092d605538\"],\"unitTestEndpointId\":null,\"enableUnitTests\":false,\"enableDeploy\":false,\"stopUnitTestsOnFirstFailure\":false,\"deployLatest\":true,\"stopDeployOnFirstFailure\":true,\"deployFiles\":[],\"requestId\":\"e52e5d00-fc61-4ef8-b6e7-c073da4675f6\",\"requestNumber\":99,\"preEnabled\":false,\"postEnabled\":false,\"postPipelineCondition\":null,\"requestedBy\":\"admin@local\",\"userIdentity\":\ | |

| | | | |
|---|---|---|---|
| | | "admin@local\",\ "timeout\":3600, \"stubTimeout\": null,\"status\": null}",<br><br>"status": "COMPLETED",<br><br>"requestId": "e52e5d00-fc61-4ef8-b6e7-c073da4675f6",<br><br>"externalRequestId": "fd619303-e5bd-439d-bc3f-204883ce7e2b",<br><br>"engineId": "2081c86e-a51e-4020-9710-8baab4ec626a",<br><br>"pipelineId": "capture-pipeline",<br><br>"executionNumber": 44,<br><br>"requestedBy": "admin@local",<br><br>"startedOn": 1601962328395<br>},<br>{<br><br>"id": "f8d33568-d606-4050-9112-b64d13b0dc22",<br><br>"createdOn": 1601962324837,<br><br>"lastUpdatedOn": 1601962338573,<br><br>"contentType": "Automation-Subscription",<br><br>"contentName": "compute- | |

| | | | |
|---|---|---|---|
| | | removal-subs-abx",<br><br>"pipelineType": "CAPTURE_PIPELINE",<br><br>"category": "Automation",<br><br>"pipelineData": "{\"stage\":\"CAPTURE\",\"comment\":\"cava test\",\"endpointIds\":[\"a62c4d79-c2e1-416a-95de-215de772484c\"],\"tagNames\":[],\"contents\":[{\"contentDetails\":[{\"contentName\":\"compute-removal-subs-abx\",\"contentId\":\"sub_1601960733833\"}],\"contentType\":\"Automation-Subscription\",\"captureByFolder\":false}],\"vroSharedPackageName\":null,\"productionReady\":false,\"includeDependencies\":false,\"contentVersionIds\":[\"b011924b-885c-4865-866f-187e545fce28\"],\"unitTestEndpointId\":null,\"enableUnitTests\":false,\"enableDeploy\":false,\"stopUnitTestsOnFirstFailure\":false,\"deployLatest\":true,\"stopDeployOnFirstFailure\":true,\"deployFiles\":[],\"requestId\":\"e5 | |

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|---|---|---|---|
| | | 2e5d00-fc61-4ef8-b6e7-c073da4675f6\",\"requestNumber\":99,\"preEnabled\":false,\"postEnabled\":false,\"postPipelineCondition\":null,\"requestedBy\":\"admin@local\",\"userIdentity\":\"admin@local\",\"timeout\":3600,\"stubTimeout\":null,\"status\":null}",<br><br>"status": "COMPLETED",<br><br>"requestId": "e52e5d00-fc61-4ef8-b6e7-c073da4675f6",<br><br>"externalRequestId": "fd619303-e5bd-439d-bc3f-204883ce7e2b",<br><br>"engineId": "5a366a0b-1cd3-4f73-abd2-d31ea1c10657",<br><br>"pipelineId": "capture-pipeline",<br><br>"executionNumber": 43,<br><br>"requestedBy": "admin@local",<br><br>"startedOn": 1601962328054<br>},<br>{<br><br>"id": "4410439d-c0ae-4b22-9ec8-19fb38dcf59e", | |

| | | | |
|---|---|---|---|
| | | "createdOn": 1600767500968,<br><br>"lastUpdatedOn": 1600767540372,<br><br>"pipelineType": "CONTENT_PIPELINE",<br><br>"category": "Unknown",<br><br>"pipelineData": "{\"stages\":[{\"stage\":\"TEST\",\"comment\":\"test\",\"endpointIds\":[\"5983b808-4bd9-453c-84bb-82f5fb901bd0\"],\"tagNames\":[],\"contents\":[],\"vroSharedPackageName\":null,\"productionReady\":false,\"includeDependencies\":false,\"contentVersionIds\":[\"a6feb7c0-ce10-42bd-ade2-c790162aece2\"],\"unitTestEndpointId\":\"49bb40a9-9fbf-460f-b24e-6d96fdaa287b\",\"enableUnitTests\":true,\"enableDeploy\":true,\"stopUnitTestsOnFirstFailure\":true,\"deployLatest\":true,\"stopDeployOnFirstFailure\":true,\"deployFiles\":[],\"requestId\":\"ccbbb33d-8fbc-47d3-a20e-3e23fad1d7eb\",\"requestNumber\":96,\"preEnabled | |

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|---|---|---|---|
| | | \":false,\"postEnabled\":false,\"postPipelineCondition\":null,\"requestedBy\":\"admin@local\",\"userIdentity\":\"admin@local\",\"timeout\":28800,\"stubTimeout\":3600,\"status\":null}],\"requestId\":\"ccbbb33d-8fbc-47d3-a20e-3e23fad1d7eb\",\"requestedBy\":\"admin@local\"}",<br><br>"status": "COMPLETED",<br><br>"requestId": "ccbbb33d-8fbc-47d3-a20e-3e23fad1d7eb",<br><br>"engineId": "ae651564-e4fa-4ade-a9df-c9a775d3c1da",<br><br>"pipelineId": "content-pipeline",<br><br>"executionNumber": 61,<br><br>"requestedBy": "admin@local",<br><br>"startedOn": 1600767506565<br>},<br>{<br><br>"id": "078b7e8b-3e46-41fa-a825-c01ece81a63a",<br><br>"createdOn": 1600331236951,<br><br>"lastUpdatedOn": 1600331276564, | |

| | | | |
|---|---|---|---|
| | | "pipelineType": "CONTENT_PIPELINE",<br><br>"category": "Unknown",<br><br>"pipelineData": "{\"stages\":[{\"stage\":\"TEST\",\"comment\":\"test\\n\",\"endpointIds\":[\"5983b808-4bd9-453c-84bb-82f5fb901bd0\"],\"tagNames\":[],\"contents\":[],\"vroSharedPackageName\":null,\"productionReady\":false,\"includeDependencies\":false,\"contentVersionIds\":[\"600e558e-b752-4637-9b41-41fb422862f4\"],\"unitTestEndpointId\":\"49bb40a9-9fbf-460f-b24e-6d96fdaa287b\",\"enableUnitTests\":true,\"enableDeploy\":true,\"stopUnitTestsOnFirstFailure\":true,\"deployLatest\":true,\"stopDeployOnFirstFailure\":true,\"deployFiles\":[],\"requestId\":\"d2198a27-0ccd-4ab9-bdd5-abb620cf3acf\",\"requestNumber\":95,\"preEnabled\":false,\"postEnabled\":false,\"postPipelineCondition\":null,\"requestedBy\":\"admin@local\",\" | |

| | | | |
|---|---|---|---|
| | | userIdentity\":\"admin@local\",\"timeout\":28800,\"stubTimeout\":3600,\"status\":null}],\"requestId\":\"d2198a27-0ccd-4ab9-bdd5-abb620cf3acf\",\"requestedBy\":\"admin@local\"}",<br><br>"status": "COMPLETED",<br><br>"requestId": "d2198a27-0ccd-4ab9-bdd5-abb620cf3acf",<br><br>"engineId": "03e2d19d-5874-49c6-91b6-fbd37af797ae",<br><br>"pipelineId": "content-pipeline",<br><br>"executionNumber": 60,<br><br>"requestedBy": "admin@local",<br><br>"startedOn": 1600331242938<br>},<br>{<br><br>"id": "bf0ea3d6-fc44-4f8e-99c4-270331e80fcb",<br><br>"createdOn": 1600322782333,<br><br>"lastUpdatedOn": 1600322814411,<br><br>"pipelineType": "CONTENT_PIPELINE", | |

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| | | | |
|---|---|---|---|
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| | | | |
|---|---|---|---|
| | | }<br>],<br>"metaData": {<br>"totatlPages": 6,<br>"totalElements": 106,<br>"pageElements": 20,<br>"size": 20,<br>"page": 1<br>}<br>} | |

# Proxy Controller

| Name | HTTP Method | Endpoint | Description |
|---|---|---|---|
| Get proxy | GET | /lcm/cms/api/v1/proxy<br>Response Code : 200 OK<br>Response body :<br>{<br>"proxyEnabled": false,<br>"port": 0,<br>"proxyEnabledInContentMgmt": false<br>} | |

# Request Controller

| Name | HTTP Method | Endpoint | Description |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Get requests | GET | /lcm/cms/api/v1/requests<br>Response Code : 200 OK<br>Response body :<br><br>{<br>"contents": [<br>{<br>"id": "fd619303-e5bd-439d-bc3f-204883ce7e2b",<br>"createdOn": 1601962318483,<br>"lastUpdatedOn": 1601962344957,<br>"status": "COMPLETED",<br>"inputParameters": "{\"stages\":[{\"stage\":\"CAPTURE\",\"comment\":\"cava test\",\"endpointIds\":[\"a62c4d79-c2e1-416a-95de-215de772484c\"],\"tagNames\":[],\"contents\":[{\"contentDetails\":[{\"contentName\":\"compute-removal-subs-abx - [id=sub_1601960733833]\",\"contentId\":null},{\"contentName\":\"test-subscription - [id=sub_1601960091971]\",\"contentId\":null}],\"contentType\":\"Automation-Subscription\",\"captureByFolder\":false}],\"vroSharedPackageName\":null,\"productionReady\":false,\"includeDependencies\":false,\"contentVersionIds\":[],\"unitTestEndpointId\":null,\"enableUnitTests\":false,\"enableDeploy\":false,\"stopUnitTestsOnFirstFailure\":false,\"deployLatest\":true,\"stopDeployOnFirstFailure\":true,\"deployFiles\":[],\"requestId\":null,\"requestNumber\":null,\"preEnabled\":false,\"postEnabled\":false,\"postPipelineCondition\":null,\"requestedBy\" | |

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"requestNumber": 99
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            "createdOn": 1601962195746,
"lastUpdatedOn": 1601962200708,
            "status": "COMPLETED",
"outParameters": "4a2c5b69-b99a-4a2d-bbad-a9c354543705",
            "message": "Endpoint Successfully Created",
            "actionName": "CREATED ENDPOINT",
"requestedBy": "admin@local",
"internalRequest": false,
"requestNumber": 97
        },
        {
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"requestNumber": 84
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"lastUpdatedOn": 1600158358657,
            "status": "COMPLETED",

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"requestNumber": 83
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            "createdOn":
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"lastUpdatedOn":
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"inputParameters":

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"internalRequest": false,

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"lastUpdatedOn": 1600068819751,
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"inputParameters": "{\"stages\":[{\"stage\": \"DEPLOY\",\"comment\":\" check in\",\"endpointIds\":[\"f2c8c8d6-084e-4296-a9d1-1612db78755b\"],\"tagNames\":[],\"contents\":[],\"vroSharedPackageName\":null,\"productionReady\":false,\"includeDependencies\":false,\"contentVersionIds\":[\"8101cb3f-d917-4a20-83d5-336ae7fe5dc0\"],\"unitTestEndpointId\":null,\"enableUnitTests\":false,\"enableDeploy\":false,\"stopUnitTestsOnFirstFailure\": false,\"deployLatest\":false,\"stopDeployOnFirstFailure\":true,\"deployFiles\":[],\"requestId\":null,\"requestNumber\":null,\"preEnabled\":false,\"postEnabled\":false,\"postPipelineCondition\":null,\"requestedBy\":null,\"userIdentity\":null,\"timeout\":null,\"stubTimeout\":null,\"status\":null}],\"requestId\":null,\"requestedBy\":null}",
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            "actionName": "Multi-Content",

"internalRequest": false,

"requestNumber": 81
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            "createdOn": 1600055669144,

"lastUpdatedOn": 1600055684741,

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"internalRequest": false,

"requestNumber": 80
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"lastUpdatedOn": 1600055482272,
"status": "COMPLETED",

"inputParameters": "{\"stages\":[{\"stage\":\"CAPTURE\",\"comment\":\"check out\",\"endpointIds\":[\"2e906674-544e-4793-917b-145fa9285f91\"],\"tagNames\":[],\"contents\":[{\"contentDetails\":[{\"contentName\":\"Is vmnic3 down?\",\"contentId\":null},{\"contentName\":\"Load Balancer Sessions Rate\",\"contentId\":null}],\"contentType\":\"Operations-SuperMetric\",\"captureByFolder\":false}],\"vroSharedPackageName\":null,\"productionReady\":false,\"includeDependencies\":false,\"contentVersionIds\":[],\"unitTestEndpointId\":null,\"enableUnitTests\":false,\"enableDeploy\":false,\"stopUnitTestsOnFirstFailure\":false,\"deployLatest\":true,\"stopDeployOnFirstFailure\":true,\"deployFiles\":[],\"requestId\":null,\"requestNumber\":null,\"preEnabled\":false,\"postEnabled\":false,\"postPipelineCondition\":null,\"requestedBy\":null,\"userIdentity\":null,\"timeout\":null,\"stubTimeout\":null,\"status\":null}],\"requestId\":null,\"requestedBy\":null}",
"message": "{\"summaryMessage\":\"Content pipeline failed\",\"failures\":[]}",
"actionName": "Multi-Content",

"internalRequest": false,

"requestNumber": 79
        },
        {
            "id": "16524bcf-3780-4f31-bbb9-56ddc8ae9ed5",
            "createdOn": 1600055240612,

"lastUpdatedOn": 1600055263652,
            "status": "COMPLETED",

"inputParameters": "{\"stages\":[{\"stage\":\"CAPTURE\",\"comment\":\"check out \",\"endpointIds\":[\"f2c8c8d6-084e-4296-a9d1-1612db78755b\"],\"tagNames\":[],\"contents\":[{\"contentDetails\":[{\"contentName\":\"Load Balancer Session Count\",\"contentId\":null},{\"contentName\":\"Load Balancer Sessions Rate\",\"contentId\":null},{\"contentName\":\"Is vmnic3 down?\",\"contentId\":null}],\"contentType\":\"Operations-SuperMetric\",\"captureByFolder\":false}],\"vroSharedPackageName\":null,\"productionReady\":false,\"includeDependencies\":false,\"contentVersionIds\":[],\"unitTestEndpointId\":null,\"enableUnitTests\":false,\"enableDeploy\":false,\"stopUnitTestsOnFirstFailure\":false,\"deployLatest\":true,\"stopDeployOnFirstFailure\":true,\"deployFiles\":[],\"requestId\":null,\"requestNumber\":null,\"preEnabled\":false,\"postEnabled\":false,\"postPipelineCondition\":null,\"requestedBy\":null,\"userIdentity\":null,\"timeout\":null,\"stub

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| | | Timeout\":null,\"status\":null}],\"requestId\":null,\"requestedBy\":null}",<br>"message": "{\"summaryMessage\":\"Content pipeline failed\",\"failures\":[]}",<br>"actionName": "Multi-Content",<br><br>"internalRequest": false,<br><br>"requestNumber": 78<br>}<br>],<br>"metaData": {<br>"totatlPages": 4,<br>"totalElements": 78,<br>"pageElements": 20,<br>"size": 20,<br>"page": 1<br>}<br>} | |

| | | | |
|---|---|---|---|
| Get requests with ID | GET | /lcm/cms/api/v1/requests/{id}<br>parameter :<br>id : cd01d726-fccb-463e-b766-a4814b0e76e4<br><br>Response Code : 202 Accepted<br>Response body :<br><br>{<br>"id": "cd01d726-fccb-463e-b766-a4814b0e76e4",<br>"createdOn": 1600055669144,<br>"lastUpdatedOn": 1600055684741,<br>"status": "COMPLETED",<br>"inputParameters": "{\"stages\":[{\"stage\":\"DEPLOY\",\"comment\":\"check in\",\"endpointIds\":[\"f2c8c8d6-084e-4296-a9d1-1612db78755b\"],\"tagNames\":[],\"contents\":[],\"vroSharedPackageName\":null,\"productionReady\":false,\"includeDependencies\":false,\"contentVersionIds\":[\"8101cb3f-d917-4a20-83d5-336ae7fe5dc0\"],\"unitTestEndpointId\":null,\"enableUnitTests\":false,\"enableDeploy\":false,\"stopUnitTestsOnFirstFailure\":false,\"deployLatest\":false,\"stopDeployOnFirstFailure\":true,\"deployFiles\":[],\"requestId\":null,\"requestNumber\":null,\"preEnabled\":false,\"postEnabled\":false,\"postPipelineCondition\":null,\"requestedBy\":null,\"userIdentity\":null,\"timeout\":null,\"stubTimeout\":null,\"status\":null}],\"requestId\":null,\"requestedBy\":null}", | |

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| | | "message": "{\"summaryMessage\":\"Content pipeline failed\",\"failures\":[]}", "actionName": "Multi-Content", "internalRequest": false, "requestNumber": 80 } | |

# Tenant Management APIs

## What is Tenant Management

Please refer to doc: vRSLCM Tenant Management for a detailed description of Tenant Management via vRSLCM.

In summary: vRSLCM offers convenient UI to enable multi tenancy in vIDM, create and manage tenants in vIDM and configure vRealize products (vRA at the moment) to use these tenants. The public APIs under Tenant Management Controller below offers the same functionality for programmatic use. A typical sequence to use these APIs will be as follos:

- Satisfy the prerequisites for enabling multi tenancy as described here: vRSLCM Multi Tenancy Model
- Enable multi tenancy using API#1 described in the below table
- Create a new tenant and optionally configure a product to use that tenant using API#4 in the below table
- Configure a product to use previously created tenant using API#5 in the below table
- Get a list of existing tenants and the products that have been configured to use for each of the tenant using API#2 in the below table
- Since all of the above APIs are asynchronous in nature, another api - API#3 is used to get the results of any previously invoked API

## Tenant Management Controller

| Name | HTTP Method | Endpoint | Description |
|---|---|---|---|

| | | | |
|---|---|---|---|
| #1 Enable multitenancy | POST | /lcm/authzn/api/v2/idp/tenants/multitenancy/enable<br>Request body :<br><br>{<br>"masterAlias": "Newmaster56-157"<br>"productsToRegister": [<br>{<br>"environmentId": "cd6043b4-4848-4f57-90f9-90ab87274185",<br>"productId": "vra"<br>}<br>],<br>}<br><br>Response Code : 200 OK<br>Response body :<br><br>{<br>"requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"<br>} | Several prerequisites must be satisfied before invoking this API. These are detailed in this document here: vRSLCM Multi Tenancy Model<br><br>productsToRegister : Is an optional field. If not supplied, the API will only enable multi tenancy without re-trusting any of the products with vIDM. Users must manually retrust the products via UI before using<br><br>any other Tenant Management APIs. |
| #2 Fetch list of tenants | GET | /lcm/authzn/api/v2/idp/tenants<br>Response Code : 200 OK<br>Response body :<br><br>{<br>"requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"<br>} | requestId: Unique identifier using which one can get the status of this request. If the request completes successfully, it will return list of tenants in the system. |

| | | | |
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| #3 Get status & results of previously submitted request | GET | /lcm/authzn/api/v2/idp/tenants/requests/{requestId}<br>`Request parameter : requestId`<br><br>`Response Code : 200 OK`<br>`Response body:`<br><br>`{ "requestId": "d345a798-a896-4104-8f48-6e461f8db6be", "requestStatus": "COMPLETED", "resultdetails": { "messages": [ ], "tenants": [ { "tenantName": "Cokedev56-157", "tenantState": "UNASSIGNED", "tenantType": "ACTIVE" } ] } }` | requestStatus: Can be **COMPLETED, FAILED or INPROGRESS**<br><br>tenants: List of tenants in the system |

| | | | |
|---|---|---|---|
| #4 Onboard a tenant and associate it with products if applicable | POST | /lcm/authzn/api/v2/idp/tenants/onboard/{tenantName}<br>Request parameter : tenantName<br><br>Request body:<br>{<br><br>"migratePreludeOAuthClients": true,<br>  "productsToAssociateWith": [<br>  {<br>  "environmentId": "cd6043b4-4848-4f57-90f9-90ab87274185",<br>  "productId": "vra"<br>  }<br>  ],<br>  "vidmCludDto": {<br>  "email": "frodo@vmware.com",<br>  "familyName": "Pepsidev56-157",<br>  "givenName": "Pepsidev56-157",<br>  "password": "xxxxx",<br>  "userName": "Pepsidev56-157"<br>  },<br>  "vidmDclDTO": {<br>  "adOverLdapDirectories": [<br>  {<br><br>"directoryBindPassword": "xxxx",<br>  "directoryName": "string"<br>  }<br>  ],<br>  "adWithIwaDirectories": [<br>  {<br><br>"directoryBindPassword": "xxxx",<br>  "directoryName": "string",<br><br>"domainAdminPassword": "xxxx"<br>  }<br>  ]<br>  }<br>} | migratePreludeOAuthClients: Is an optional field, default value is True<br>productsToAssociateWith: Is an optional field. If not supplied, the API will only onboard the new tenant in VIDM but not associate it with any product.<br>vidmCluDto: Is required and are details of the tenand administrator<br>vidmDclDTO: Is optional |

| | | | |
|---|---|---|---|
| | | Response Code : 200 OK<br><br>Response body:<br>{<br>  "requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"<br>} | |

| | | | |
|---|---|---|---|
| #5 Associate an existing tenant with products | PUT | /lcm/authzn/api/v2/idp/tenants/associate/{tenantName}<br>Request parameter : tenantName<br><br>Response Code : 200 OK<br>Request body:<br><br>{<br><br>"migratePreludeOAuthClients": true,<br>  "productsToAssociateWith": [<br>  {<br>  "environmentId": "cd6043b4-4848-4f57-90f9-90ab87274185",<br>  "productId": "vra"<br>  }<br>  ],<br>  "vidmCludDto": {<br>  "email": "frodo@vmware.com",<br>  "familyName": "Pepsidev56-157",<br>  "givenName": "Pepsidev56-157",<br>  "password": "xxxxx",<br>  "userName": "Pepsidev56-157"<br>  },<br>  "vidmDclDTO": {<br>  "adOverLdapDirectories": [<br>  {<br><br>"directoryBindPassword": "xxxx",<br>  "directoryName": "string"<br>  }<br>  ],<br>  "adWithIwaDirectories": [<br>  {<br><br>"directoryBindPassword": "xxxx",<br>  "directoryName": "string",<br><br>"domainAdminPassword": "xxxx"<br>  }<br>  ] | migratePreludeOAuthClients: Is an optional field, default value is True<br>productsToAssociateWith: Is an optional field. If not supplied, the API will only onboard the new tenant in VIDM but not associate it with any product.<br>vidmCluDto: Is required and are details of the tenand administrator<br>vidmDclDTO: Is optional |

| | | | |
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| | | `  }`<br>`}`<br><br>`Response body:`<br>`{`<br>`  "requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"`<br>`}` | |

# Public API restrictions for VCF user

VMware Cloud Foundation or VCF provides automated deployment of vRSLCM through SDDC Manager. vRSLCM now runs in VCF aware mode. This provides bi-directional communication so that SDDC Manager understands which vRealize Suite products have been deployed. vRSLCM, in VCF aware mode, will deploy vRealize Suite products according to VMware validated design.

**Prerequisites**

vRSLCM deployment is automated through SDDC Manager.

**Steps to perform**

Taken care by SDDC Manager

**Restrictions put for VCF user with request/response payload**

| Name | HTTP Method | Endpoint | Comments |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Update product admin password | PUT | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/admin-password<br>Request parameters: environmentId, productId<br>Request Body:<br>{<br>"adminPassword": "locker:password:26005893-319a-4711-93a1-8eea7c3eecd4:CommonPassword",<br>"currentAdminPassword": "locker:password:3b4b1c1d-bc20-4ed8-8b3c-d4540663c5fc:ConfigAdminPwdTest"<br>}<br><br>Response Code : 200 OK<br>Response body :<br><br>{<br>"requestId": "50f71757-732a-46d6-882f-c19fde983dff"<br>} | Password references cannot be updated of VCF enabled environments. |

| | | | |
|---|---|---|---|
| Update Product Node Password | PUT | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/nodes/{nodeType}<br>Request parameters: environmentId, productId, nodeType<br>Request Body:<br>{<br>"currentPassword": "locker:password:3b4b1c1d-bc20-4ed8-8b3c-d4540663c5fc:ConfigAdminPwdTest",<br>"hostName": "wsa-1.vrack.vsphere.local",<br>"newPassword": "locker:password:26005893-319a-4711-93a1-8eea7c3eecd4:CommonPassword",<br>"userNameToUpdate": "root"<br>}<br><br>Response Code : 200 OK<br>Response body :<br><br>{<br>"requestId": "7811187f-e73d-4cfc-82ea-b6e85dfcac70"<br>} | Password references cannot be updated of VCF enabled environments. |

| | | | |
|---|---|---|---|
| Validate an Environment | POST | /lcm/lcops/api/v2/environments/pre-validate<br>Request Body:<br>{<br>"environmentId": "f2d1ab3d-9629-42d9-905f-5b9f8f56fa27",<br>"environmentName": "vRAEnv",<br>"environmentHealth": null,<br>"logHistory": null,<br>"environmentStatus": null,<br>"infrastructure": {<br>"properties": {<br>"dataCenterVmid": "5b3190a6-5e45-4c6f-a4a1-565886a82241",<br>"regionName": "",<br>"zoneName": "",<br>"vCenterName": "vcenter-1",<br>"vCenterHost": "vcenter-1.vrack.vsphere.local",<br>"vcUsername": "svc-vrslcm-vsphere@vsphere.local",<br>"vcPassword": "locker:password:7810326b-f0d0-412c-8c4c-942f2a641a61:vcenter-1-SDDC-Datacenter",<br>"acceptEULA": "true",<br>"enableTelemetry": "true",<br>"defaultPassword": "locker:password:7c917e92-04ae-4d03-9f07-6fe3a291b660:vcfadmin@local",<br>"certificate": "locker:certificate:ba002cd1-b262-4e3e-8f57-119e6c6a0242:vrack.vsphere.local",<br>"cluster": "SDDC-Datacenter#SDDC-Cluster1",<br>"storage": "sfo01-m01-vsan",<br>"folderName": "",<br>"resourcePool": "resgroup-30(Mgmt-ResourcePool)",<br>"diskMode": "thin",<br>"network": "Mgmt-xRegion01-VXLAN",<br>"masterVidmEnabled": "false",<br>"dns": "10.0.0.250", | When Validation is performed before Create Environment, the request payload should contain property key, vcfProperties inside Infrastructure properties. vcfProperties identifies if the environment is VCF enabled or not. |

| | | | |
|---|---|---|---|
| | | "domain": "vsphere.local", "gateway": "192.168.31.1", "netmask": "255.255.255.0", "searchpath": "vsphere.local", "timeSyncMode": "ntp", "ntp": "10.0.0.250", "isDhcp": "false", "vcfProperties": "{\"vcfEnabled\":true,\"sddcManagerDetails\":[{\"sddcManagerHostName\":\"sddc-manager.vrack.vsphere.local\",\"sddcManagerName\":\"default\",\"sddcManagerVmid\":\"default\"}]}", "_selectedProducts": "[{\"id\":\"vra\",\"type\":\"new\",\"selected\":true,\"sizes\":{\"8.3.0\":[\"cluster\"]},\"selectedVersion\":\"8.3.0\",\"selectedDeploymentType\":\"cluster\",\"description\":\"VMware vRealize Automation lets you deploy across a multi-vendor hybrid cloud infrastructure, giving you both flexibility and investment protection for current and future technology choices.\",\"detailsHref\":\"https://docs.vmware.com/en/vRealize-Automation/index.html\",\"errorMessage\":null,\"productVersions\":[{\"version\":\"8.3.0\",\"deploymentType\":[\"cluster\"],\"productDeploymentMetaData\":{\"sizingURL\":null,\"productInfo\":\"vRealize Automation-8.3.0\",\"deploymentType\":[\"Standard\",\"Cluster\"],\"deploymentItems\":{\"Node Count\":[\"1\",\"3\"]},\"additionalInfo\":[\"*Standard - One vRA node will be deployed\",\"*Cluster - Three vRA node will be deployed\"]}}]}]", "_isRedeploy": "false", "_isResume": "false", "_leverageProximity": "true", | |

```
      "__isInstallerRequest": "false"
    }
  },
  "products": [
    {
      "id": "vra",
      "version": "8.3.0",
      "patchHistory": null,
      "snapshotHistory": null,
      "logHistory": null,
      "clusterVIP": {
        "clusterVips": [
          {
            "type": "vra-va",
            "properties": {
              "hostName": "vra-lb.vrack.vsphere.local"
            }
          }
        ]
      },
      "nodes": [
        {
          "type": "vrava-primary",
          "properties": {
            "vmName": "vrava-primary",
            "hostName": "vra-1.vrack.vsphere.local",
            "ip": "192.168.31.41"
          }
        },
        {
          "type": "vrava-secondary",
          "properties": {
            "vmName": "vrava-secondary-1",
            "hostName": "vra-2.vrack.vsphere.local",
            "ip": "192.168.31.42"
          }
        },
        {
          "type": "vrava-secondary",
          "properties": {
            "vmName": "vrava-secondary-2",
            "hostName": "vra-3.vrack.vsphere.local",
```

| | | | |
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| | | "ip": "192.168.31.43" } } ], "properties": { "certificate": "locker:certificate:deb03028-2aee-415b-b5cb-13e4a8e03be1:vrack.vsphere.local", "contentLibraryItemId": "97429317-df00-48d5-9030-dbe3625ce2de", "productPassword": "locker:password:7c917e92-04ae-4d03-9f07-6fe3a291b660:vcfadmin@local", "nodeSize": "medium", "vraK8ServiceCidr": "", "vraK8ClusterCidr": "", "ntp": "10.0.0.250", "timeSyncMode": "ntp", "licenseRef": "locker:license:4c2f947e-17cc-4da3-b621-d2918236811b:license" } } ] }<br><br>Response Code : 200 OK<br>Response body :<br><br>{ "requestId": "c0e25736-48fa-4e1a-8e3e-eed47475212a" } | |

| | | | |
|---|---|---|---|
| Create an Environment | POST | /lcm/lcops/api/v2/environments<br>Request Body:<br>{<br>"environmentId": "f2d1ab3d-9629-42d9-905f-5b9f8f56fa27",<br>"environmentName": "vRAEnv",<br>"environmentHealth": null,<br>"logHistory": null,<br>"environmentStatus": null,<br>"infrastructure": {<br>"properties": {<br>"dataCenterVmid": "5b3190a6-5e45-4c6f-a4a1-565886a82241",<br>"regionName": "",<br>"zoneName": "",<br>"vCenterName": "vcenter-1",<br>"vCenterHost": "vcenter-1.vrack.vsphere.local",<br>"vcUsername": "svc-vrslcm-vsphere@vsphere.local",<br>"vcPassword": "locker:password:7810326b-f0d0-412c-8c4c-942f2a641a61:vcenter-1-SDDC-Datacenter",<br>"acceptEULA": "true",<br>"enableTelemetry": "true",<br>"defaultPassword": "locker:password:7c917e92-04ae-4d03-9f07-6fe3a291b660:vcfadmin@local",<br>"certificate": "locker:certificate:ba002cd1-b262-4e3e-8f57-119e6c6a0242:vrack.vsphere.local",<br>"cluster": "SDDC-Datacenter#SDDC-Cluster1",<br>"storage": "sfo01-m01-vsan",<br>"folderName": "",<br>"resourcePool": "resgroup-30(Mgmt-ResourcePool)",<br>"diskMode": "thin",<br>"network": "Mgmt-xRegion01-VXLAN",<br>"masterVidmEnabled": "false",<br>"dns": "10.0.0.250",<br>"domain": "vsphere.local", | When Create Environment is requested, the request payload should contain property key, vcfProperties inside Infrastructure properties. vcfProperties identifies if the environment is VCF enabled or not. Also, Product details should contain ClusterVIP field with required values appropriately. ClusterVIP is required for clustered VIDM, vRA, vROps and vRLI. ClusterVIP field has to be empty only for single node VIDM deployment. Moreover, when import of product is performed, clusterFqdn property should be present with valid value of Load Balancer FQDN.<br><br>vSSC Stand alone deployment we needs to pass tenantId as "Standalone vRASSC" |

| | | | |
|---|---|---|---|
| | | "gateway": "192.168.31.1", "netmask": "255.255.255.0", "searchpath": "vsphere.local", "timeSyncMode": "ntp", "ntp": "10.0.0.250", "isDhcp": "false", "vcfProperties": "{\"vcfEnabled\":true,\"sddcManagerDetails\":[{\"sddcManagerHostName\":\"sddc-manager.vrack.vsphere.local\",\"sddcManagerName\":\"default\",\"sddcManagerVmid\":\"default\"}]}", "_selectedProducts": "[{\"id\":\"vra\",\"type\":\"new\",\"selected\":true,\"sizes\":{\"8.3.0\":[\"cluster\"]},\"selectedVersion\":\"8.3.0\",\"selectedDeploymentType\":\"cluster\",\"description\":\"VMware vRealize Automation lets you deploy across a multi-vendor hybrid cloud infrastructure, giving you both flexibility and investment protection for current and future technology choices.\",\"detailsHref\":\"https://docs.vmware.com/en/vRealize-Automation/index.html\",\"errorMessage\":null,\"productVersions\":[{\"version\":\"8.3.0\",\"deploymentType\":[\"cluster\"],\"productDeploymentMetaData\":{\"sizingURL\":null,\"productInfo\":\"vRealize Automation-8.3.0\",\"deploymentType\":[\"Standard\",\"Cluster\"],\"deploymentItems\":{\"Node Count\":[\"1\",\"3\"]},\"additionalInfo\":[\"*Standard - One vRA node will be deployed\",\"*Cluster - Three vRA node will be deployed\"]}}]}]", "_isRedeploy": "false", "_isResume": "false", "_leverageProximity": "true", "__isInstallerRequest": "false" } | |

```
  },
  "products": [
    {
      "id": "vra",
      "version": "8.3.0",
      "patchHistory": null,
      "snapshotHistory": null,
      "logHistory": null,
      "clusterVIP": {
        "clusterVips": [
          {
            "type": "vra-va",
            "properties": {
              "hostName": "vra-
lb.vrack.vsphere.local"
            }
          }
        ]
      },
      "nodes": [
        {
          "type": "vrava-
primary",
          "properties": {
            "vmName": "vrava-
primary",
            "hostName": "vra-
1.vrack.vsphere.local",
            "ip":
"192.168.31.41"
          }
        },
        {
          "type": "vrava-
secondary",
          "properties": {
            "vmName": "vrava-
secondary-1",
            "hostName": "vra-
2.vrack.vsphere.local",
            "ip":
"192.168.31.42"
          }
        },
        {
          "type": "vrava-
secondary",
          "properties": {
            "vmName": "vrava-
secondary-2",
            "hostName": "vra-
3.vrack.vsphere.local",
            "ip":
"192.168.31.43"
          }
        }
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|---|---|---|---|
| | | ],<br>"properties": {<br>"certificate": "locker:certificate:deb03028-2aee-415b-b5cb-13e4a8e03be1:vrack.vsphere.local",<br>"contentLibraryItemId": "97429317-df00-48d5-9030-dbe3625ce2de",<br>"productPassword": "locker:password:7c917e92-04ae-4d03-9f07-6fe3a291b660:vcfadmin@local",<br>"nodeSize": "medium",<br>"vraK8ServiceCidr": "",<br>"vraK8ClusterCidr": "",<br>"ntp": "10.0.0.250",<br>"timeSyncMode": "ntp",<br>"licenseRef": "locker:license:4c2f947e-17cc-4da3-b621-d2918236811b:license"<br>}<br>}<br>]<br>}<br><br>Response body: For Import case<br><br>{<br>"environmentId": "fcaebe2d-bb48-434d-ab30-e89a12157918",<br>"environmentName": "vROpsEnv",<br>"infrastructure": {<br>"properties": {<br>"dataCenterVmid": "42e95820-d2e6-4f5b-b8eb-c6eaacd4af26",<br>"regionName": "",<br>"zoneName": "",<br>"vCenterName": "",<br>"vCenterHost": "",<br>"vcUsername": "",<br>"vcPassword": "",<br>"acceptEULA": "false",<br>"enableTelemetry": "true",<br>"defaultPassword": "locker:password:26005893-319a-4711-93a1-8eea7c3eecd4:CommonPassword",<br>"certificate": "",<br>"cluster": "",<br>"storage": "", | |

| | | | |
|---|---|---|---|
| | | "folderName": "",<br>"resourcePool": "",<br>"diskMode": "",<br>"network": "",<br>"masterVidmEnabled": "false",<br>"dns": "",<br>"domain": "",<br>"gateway": "",<br>"netmask": "",<br>"searchpath": "",<br>"timeSyncMode": "host",<br>"ntp": "",<br>"isDhcp": "false",<br>"vcfProperties": "{\"vcfEnabled\":true,\"sddcManagerDetails\":[{\"sddcManagerHostName\":\"sddc-manager.vrack.vsphere.local\",\"sddcManagerName\":\"default\",\"sddcManagerVmid\":\"default\"}]}",<br>"_selectedProducts": "[{\"id\":\"vrops\",\"type\":\"import\",\"selected\":true,\"sizes\":{\"8.2.0\":[\"Medium:8\",\"Extra small:1\",\"small:2\",\"Large:16\",\"Extra Large:8:10\"],\"8.1.1\":[\"small:2\",\"Medium:8\",\"Large:16\",\"Extra Large:8:10\",\"Extra small:1\"],\"8.3.0\":[\"Extra small:1\",\"Medium:8\",\"Large:16\",\"small:2\",\"Extra Large:8:10\"]},\"selectedVersion\":\"8.3.0\",\"selectedDeploymentType\":\"Extra small:1\",\"description\":\"VMware vRealize Operations Manager delivers intelligent operations management with application-to-storage visibility across physical, virtual, and cloud infrastructures. Using policy-based automation, operationsteams automate key processes.\",\"detailsHref\":\"https://docs.vmware.com/en/vRealize-Operations-Manager/index.html\",\"errorMessage\":null,\"productVersions\":[{\"version\":\"8.2.0\",\"deploymentType\":[\"Medium:8\",\"Extra small:1\",\"small:2\",\"Large:1 | |

6\",\"Extra
Large:8:10\"],\"productDeploymentMetaData\":{\"sizingURL\":\"https://kb.vmware.com/s/article/2093783\",\"productInfo\":\"vRealize Operations Manager - 8.2.0\",\"deploymentType\":null,\"deploymentItems\":null,\"additionalInfo\":null}},{\"version\":\"8.1.1\",\"deploymentType\":[\"small:2\",\"Medium:8\",\"Large:16\",\"Extra
Large:8:10\",\"Extra
small:1\"],\"productDeploymentMetaData\":{\"sizingURL\":\"https://kb.vmware.com/s/article/2093783\",\"productInfo\":\"vRealize Operations Manager - 8.1.1\",\"deploymentType\":null,\"deploymentItems\":null,\"additionalInfo\":null}},{\"version\":\"8.3.0\",\"deploymentType\":[\"Extra
small:1\",\"Medium:8\",\"Large:16\",\"small:2\",\"Extra
Large:8:10\"],\"productDeploymentMetaData\":{\"sizingURL\":\"https://kb.vmware.com/s/article/2093783\",\"productInfo\":\"vRealize Operations Manager - 8.3.0\",\"deploymentType\":null,\"deploymentItems\":null,\"additionalInfo\":null}}],\"nodeCount\":1,\"haEnabled\":false}]",
      "_isRedeploy": "false",
      "_isResume": "false",
      "_leverageProximity": "false",
      "__isInstallerRequest": "false"
    }
  },
  "products": [
    {
      "id": "vrops",
      "version": "8.3.0",
      "properties": {
        "vropsMasterNodeIP": "vrops-master.vrack.vsphere.local",
        "vCenterList": "[{\"vCenterHost\":\"lcm-vc2.sqa.local\",\"vcUsername\":\"devuser@vsphere.local\",\"vcPassword\":\"locker:password:f4a

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| | | 23a10-bba8-49d7-80f9-<br>41d83e445daa:lcm-vc2-new\"}]",<br>"rootPassword":<br>"locker:password:26005893-319a-<br>4711-93a1-<br>8eea7c3eecd4:CommonPassword",<br>"isImport": "true",<br>"vropsAdminPassword":<br>"locker:password:26005893-319a-<br>4711-93a1-<br>8eea7c3eecd4:CommonPassword",<br>"clusterFqdn": "vrops-<br>lb.vrack.vsphere.local"<br>},<br>"clusterVIP": {<br>"clusterVips": []<br>},<br>"nodes": []<br>}<br>]<br>}<br>Response Code : 200 OK<br>Response body :<br><br>{<br>"requestId": "51ea3eae-935e-<br>4c05-8318-54e8e3f43c8b"<br>} | |

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| Add Product to an Environment | POST | /lcm/lcops/api/v2/environments/{environmentId}/products<br>Request parameters:<br>environmentId<br>Request Body:<br>{<br>"environmentId": "f2d1ab3d-9629-42d9-905f-5b9f8f56fa27",<br>"environmentName": "vRAEnv",<br>"environmentHealth": null,<br>"logHistory": null,<br>"environmentStatus": null,<br>"infrastructure": {<br>"properties": {<br>"dataCenterVmid": "5b3190a6-5e45-4c6f-a4a1-565886a82241",<br>"regionName": "",<br>"zoneName": "",<br>"vCenterName": "vcenter-1",<br>"vCenterHost": "vcenter-1.vrack.vsphere.local",<br>"vcUsername": "svc-vrslcm-vsphere@vsphere.local",<br>"vcPassword": "locker:password:7810326b-f0d0-412c-8c4c-942f2a641a61:vcenter-1-SDDC-Datacenter",<br>"acceptEULA": "true",<br>"enableTelemetry": "true",<br>"defaultPassword": "locker:password:7c917e92-04ae-4d03-9f07-6fe3a291b660:vcfadmin@local",<br>"certificate": "locker:certificate:ba002cd1-b262-4e3e-8f57-119e6c6a0242:vrack.vsphere.local",<br>"cluster": "SDDC-Datacenter#SDDC-Cluster1",<br>"storage": "sfo01-m01-vsan",<br>"folderName": "",<br>"resourcePool": "resgroup-30(Mgmt-ResourcePool)",<br>"diskMode": "thin",<br>"network": "Mgmt-xRegion01-VXLAN",<br>"masterVidmEnabled": "false", | When Organic Growth is performed, the Product details should contain ClusterVIP field with required values appropriately. ClusterVIP is required for clustered vRA, vROps and vRLI. Moreover, when import of product is performed, clusterFqdn property should be present with valid value of Load Balancer FQDN. |

| | | | |
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| | | "dns": "10.0.0.250",<br>"domain": "vsphere.local",<br>"gateway": "192.168.31.1",<br>"netmask": "255.255.255.0",<br>"searchpath": "vsphere.local",<br>"timeSyncMode": "ntp",<br>"ntp": "10.0.0.250",<br>"isDhcp": "false",<br>"vcfProperties": "{\"vcfEnabled\":true,\"sddcManagerDetails\":[{\"sddcManagerHostName\":\"sddc-manager.vrack.vsphere.local\",\"sddcManagerName\":\"default\",\"sddcManagerVmid\":\"default\"}]}",<br>"_selectedProducts": "[{\"id\":\"vra\",\"type\":\"new\",\"selected\":true,\"sizes\":{\"8.3.0\":[\"cluster\"]},\"selectedVersion\":\"8.3.0\",\"selectedDeploymentType\":\"cluster\",\"description\":\"VMware vRealize Automation lets you deploy across a multi-vendor hybrid cloud infrastructure, giving you both flexibility and investment protection for current and future technology choices.\",\"detailsHref\":\"https://docs.vmware.com/en/vRealize-Automation/index.html\",\"errorMessage\":null,\"productVersions\":[{\"version\":\"8.3.0\",\"deploymentType\":[\"cluster\"],\"productDeploymentMetaData\":{\"sizingURL\":null,\"productInfo\":\"vRealize Automation-8.3.0\",\"deploymentType\":[\"Standard\",\"Cluster\"],\"deploymentItems\":{\"Node Count\":[\"1\",\"3\"]},\"additionalInfo\":[\"*Standard - One vRA node will be deployed\",\"*Cluster - Three vRA node will be deployed\"]}}]}]",<br>"_isRedeploy": "false",<br>"_isResume": "false",<br>"_leverageProximity": "true", | |

```
      "__isInstallerRequest": "false"
    }
  },
  "products": [
    {
      "id": "vra",
      "version": "8.3.0",
      "patchHistory": null,
      "snapshotHistory": null,
      "logHistory": null,
      "clusterVIP": {
        "clusterVips": [
          {
            "type": "vra-va",
            "properties": {
              "hostName": "vra-lb.vrack.vsphere.local"
            }
          }
        ]
      },
      "nodes": [
        {
          "type": "vrava-primary",
          "properties": {
            "vmName": "vrava-primary",
            "hostName": "vra-1.vrack.vsphere.local",
            "ip": "192.168.31.41"
          }
        },
        {
          "type": "vrava-secondary",
          "properties": {
            "vmName": "vrava-secondary-1",
            "hostName": "vra-2.vrack.vsphere.local",
            "ip": "192.168.31.42"
          }
        },
        {
          "type": "vrava-secondary",
          "properties": {
            "vmName": "vrava-secondary-2",
            "hostName": "vra-3.vrack.vsphere.local",
```

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| | | "ip": "192.168.31.43" } } ], "properties": { "certificate": "locker:certificate:deb03028-2aee-415b-b5cb-13e4a8e03be1:vrack.vsphere.local", "contentLibraryItemId": "97429317-df00-48d5-9030-dbe3625ce2de", "productPassword": "locker:password:7c917e92-04ae-4d03-9f07-6fe3a291b660:vcfadmin@local", "nodeSize": "medium", "vraK8ServiceCidr": "", "vraK8ClusterCidr": "", "ntp": "10.0.0.250", "timeSyncMode": "ntp", "licenseRef": "locker:license:4c2f947e-17cc-4da3-b621-d2918236811b:license" } } ] }

Response body : For Import case

{ "environmentId": "fcaebe2d-bb48-434d-ab30-e89a12157918", "environmentName": "vROpsEnv", "infrastructure": { "properties": { "dataCenterVmid": "42e95820-d2e6-4f5b-b8eb-c6eaacd4af26", "regionName": "", "zoneName": "", "vCenterName": "", "vCenterHost": "", "vcUsername": "", "vcPassword": "", "acceptEULA": "false", "enableTelemetry": "true",

"defaultPassword": "locker:password:26005893-319a-4711-93a1-8eea7c3eecd4:CommonPassword",
"certificate": "",
"cluster": "",
"storage": "",
"folderName": "",
"resourcePool": "",
"diskMode": "",
"network": "",
"masterVidmEnabled": "false",
"dns": "",
"domain": "",
"gateway": "",
"netmask": "",
"searchpath": "",
"timeSyncMode": "host",
"ntp": "",
"isDhcp": "false",
"vcfProperties": "{\"vcfEnabled\":true,\"sddcManagerDetails\":[{\"sddcManagerHostName\":\"sddc-manager.vrack.vsphere.local\",\"sddcManagerName\":\"default\",\"sddcManagerVmid\":\"default\"}]}",
"_selectedProducts": "[{\"id\":\"vrops\",\"type\":\"import\",\"selected\":true,\"sizes\":{\"8.2.0\":[\"Medium:8\",\"Extra small:1\",\"small:2\",\"Large:16\",\"Extra Large:8:10\"],\"8.1.1\":[\"small:2\",\"Medium:8\",\"Large:16\",\"Extra Large:8:10\",\"Extra small:1\"],\"8.3.0\":[\"Extra small:1\",\"Medium:8\",\"Large:16\",\"small:2\",\"Extra Large:8:10\"]},\"selectedVersion\":\"8.3.0\",\"selectedDeploymentType\":\"Extra small:1\",\"description\":\"VMware vRealize Operations Manager delivers intelligent operations management with application-to-storage visibility across physical, virtual, and cloud infrastructures. Using policy-based automation, operationsteams automate key processes.\",\"detailsHref\":\"https://docs.vmware.com/en/vRea

lize-Operations-Manager/index.html\",\"errorMessage\":null,\"productVersions\":[{\"version\":\"8.2.0\",\"deploymentType\":[\"Medium:8\",\"Extra small:1\",\"small:2\",\"Large:16\",\"Extra Large:8:10\"],\"productDeploymentMetaData\":{\"sizingURL\":\"https://kb.vmware.com/s/article/2093783\",\"productInfo\":\"vRealize Operations Manager - 8.2.0\",\"deploymentType\":null,\"deploymentItems\":null,\"additionalInfo\":null}},{\"version\":\"8.1.1\",\"deploymentType\":[\"small:2\",\"Medium:8\",\"Large:16\",\"Extra Large:8:10\",\"Extra small:1\"],\"productDeploymentMetaData\":{\"sizingURL\":\"https://kb.vmware.com/s/article/2093783\",\"productInfo\":\"vRealize Operations Manager - 8.1.1\",\"deploymentType\":null,\"deploymentItems\":null,\"additionalInfo\":null}},{\"version\":\"8.3.0\",\"deploymentType\":[\"Extra small:1\",\"Medium:8\",\"Large:16\",\"small:2\",\"Extra Large:8:10\"],\"productDeploymentMetaData\":{\"sizingURL\":\"https://kb.vmware.com/s/article/2093783\",\"productInfo\":\"vRealize Operations Manager - 8.3.0\",\"deploymentType\":null,\"deploymentItems\":null,\"additionalInfo\":null}}],\"nodeCount\":1,\"haEnabled\":false}]",
      "_isRedeploy": "false",
      "_isResume": "false",
      "_leverageProximity": "false",
      "__isInstallerRequest": "false"
    }
  },
  "products": [
    {
      "id": "vrops",
      "version": "8.3.0",
      "properties": {

| | | | |
|---|---|---|---|
| | | "vropsMasterNodeIP": "vrops-master.vrack.vsphere.local", "vCenterList": "[{\"vCenterHost\":\"lcm-vc2.sqa.local\",\"vcUsername\":\"devuser@vsphere.local\",\"vcPassword\":\"locker:password:f4a23a10-bba8-49d7-80f9-41d83e445daa:lcm-vc2-new\"}]", "rootPassword": "locker:password:26005893-319a-4711-93a1-8eea7c3eecd4:CommonPassword", "isImport": "true", "vropsAdminPassword": "locker:password:26005893-319a-4711-93a1-8eea7c3eecd4:CommonPassword", "clusterFqdn": "vrops-lb.vrack.vsphere.local" }, "clusterVIP": { "clusterVips": [] }, "nodes": [] } ] }<br><br>Response Code : 200 OK<br>Response body :<br><br>{ "requestId": "3afa79fc-3ccc-4119-a234-84503a97f08c" } | |

| | | | |
|---|---|---|---|
| Add Node to a Product | POST | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/nodes<br>Request parameters: environmentId, productId<br>Request Body:<br>{<br>"environmentId": "globalenvironment",<br>"environmentName": "globalenvironment",<br>"environmentHealth": null,<br>"logHistory": null,<br>"environmentStatus": null,<br>"infrastructure": {<br>"properties": {<br>"dataCenterVmid": "c18990f7-e5c0-4eec-9171-6ed4fe2dee81",<br>"regionName": "",<br>"zoneName": "",<br>"vCenterName": "vcenter-1",<br>"vCenterHost": "vcenter-1.vrack.vsphere.local",<br>"vcUsername": "svc-vrslcm-vsphere@vsphere.local",<br>"vcPassword": "locker:password:b980fa59-7df5-46b7-ad58-e9c4ae58b68e:vcenter-1-SDDC-Datacenter",<br>"acceptEULA": "true",<br>"enableTelemetry": "true",<br>"defaultPassword": "locker:password:65b71a67-244f-47f5-b9c8-82b335080628:vcfadmin@local",<br>"certificate": "locker:certificate:1396ce03-9163-4e17-87e2-30223ff1b4ac:vrack.vsphere.local",<br>"cluster": "SDDC-Datacenter#SDDC-Cluster1",<br>"storage": "sfo01-m01-vsan",<br>"folderName": "",<br>"resourcePool": "resgroup-30(Mgmt-ResourcePool)",<br>"diskMode": "thin",<br>"network": "Mgmt-xRegion01-VXLAN", | When Scaleout is performed of VIDM, the ClusterVIP should have details of Load Balancer. |

"masterVidmEnabled": "false",
"dns": "10.0.0.250",
"domain": "vsphere.local",
"gateway": "192.168.31.1",
"netmask": "255.255.255.0",
"searchpath": "vsphere.local",
"timeSyncMode": "ntp",
"ntp": "",
"isDhcp": "false",
"vcfProperties": "{\"vcfEnabled\":true,\"sddcManagerDetails\":[{\"sddcManagerHostName\":\"sddc-manager.vrack.vsphere.local\",\"sddcManagerName\":\"default\",\"sddcManagerVmid\":\"default\"}]}",
"_selectedProducts": "[{\"id\":\"vidm\",\"type\":\"new\",\"selected\":true,\"sizes\":{\"3.3.3\":[\"standard\",\"cluster\"]},\"selectedVersion\":\"3.3.3\",\"selectedDeploymentType\":\"standard\",\"description\":\"VMware Identity Manager ™ enables quickly and easily provision apps, apply conditional access controls, and enable secure single sign-on (SSO) to SaaS, web, cloud and native mobile apps using a self-service catalog.\",\"detailsHref\":\"https://docs.vmware.com/en/VMware-Identity-Manager/index.html\",\"errorMessage\":null,\"productVersions\":[{\"version\":\"3.3.3\",\"deploymentType\":[\"standard\",\"cluster\"],\"productDeploymentMetaData\":{\"sizingURL\":null,\"productInfo\":\"VMware Identity Manager - 3.3.3\",\"deploymentType\":[\"Standard\",\"Cluster\"],\"deploymentItems\":{\"Node Count\":[\"1\",\"3\"]},\"additionalInfo\":[\"*Standard - One vIDM node will be deployed\",\"*Cluster - Three

```
vIDM node will be
deployed\"]}}]}]",
      "_isRedeploy": "false",
      "_isResume": "false",
      "_leverageProximity":
"true",
      "__isInstallerRequest":
"false"
    }
  },
  "products": [
    {
      "id": "vidm",
      "version": "3.3.3",
      "patchHistory": null,
      "snapshotHistory": null,
      "logHistory": null,
      "clusterVIP": {
        "clusterVips": [
        {
            "type": "vidm-lb",
            "properties": {
              "hostName": "wsa-
lb.vrack.vsphere.local"
            }
        },
        {
            "type": "vidm-
delegate",
            "properties": {
              "ip":
"10.196.31.26"
            }
        }
      ]
      },
      "nodes": [
        {
          "type": "vidm-
secondary",
          "properties": {
            "vmName": "vidm-
secondary-1",
            "hostName": "wsa-
2.vrack.vsphere.local",
            "ip":
"192.168.31.24"
          }
        },
        {
          "type": "vidm-
secondary",
          "properties": {
            "vmName": "vidm-
secondary-2",
```

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|---|---|---|---|
| | | "hostName": "wsa-3.vrack.vsphere.local",<br>"ip": "192.168.31.25"<br>}<br>}<br>],<br>"properties": {<br>"vidmAdminPassword": "locker:password:65b71a67-244f-47f5-b9c8-82b335080628:vcfadmin@local",<br>"syncGroupMembers": false,<br>"nodeSize": "xsmall",<br>"defaultConfigurationEmail": "test@vmware.com",<br>"defaultConfigurationUsername": "confgiadmin",<br>"defaultConfigurationPassword": "locker:password:65b71a67-244f-47f5-b9c8-82b335080628:vcfadmin@local",<br>"defaultTenantAlias": "",<br>"vidmDomainName": "",<br>"certificate": "locker:certificate:1396ce03-9163-4e17-87e2-30223ff1b4ac:vrack.vsphere.local",<br>"contentLibraryItemId": "086a566f-85ca-4110-87b6-e4ce81856f6c"<br>}<br>}<br>]<br>}<br><br>Response Code : 200 OK<br>Response body :<br><br>{<br>"requestId": "707e99f8-baa1-400f-8335-6cc616fbc9a4"<br>} | |

# FIPS enabling of vRealize Products

## What is FIPS Compliance?

A product is "FIPS 140 Compliant" when all security related uses of cryptography and random number generation use CMVP Validated Crypto Modules. For most VMware products this means using only library calls to OpenSSL or BouncyCastle.

## Changing FIPS mode of vRSLCM

### Prerequisites

User should be on v8.2 of vRSLCM

### Changing FIPS mode of vRSLCM as part of Day-0 operation

User can enable FIPS mode while doing fresh install of vRSLCM using ova.

### Changing FIPS mode of vRSLCM as part of Day-2 operation

User can also change FIPS mode if he has not already done during the fresh deploy. This will be done using below API.

| Name | HTTP Method | Endpoint | Comments |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Enable FIPS mode | POST | /lcm/locker/api/security/fips<br>Request Body for enabling FIPS mode:<br>{<br>"enabled": true,<br>"state": "ENABLED",<br>"description": "",<br>"request": null<br>}<br><br>Response Code : 200 OK<br>Response body :<br><br>{<br>"enabled": false,<br>"state": "CHANGING",<br>"description": "Enabling FIPS mode for vRealize Suite Lifecycle Manager appliance and services.",<br>"request": {<br>"requestId": "23dfe7d7-1413-4ce3-b277-b0eba2adba9b"<br>}<br>} | |

| | | | |
|---|---|---|---|
| Disable FIPS mode | POST | /lcm/locker/api/security/fips<br>Request Body for disabling FIPS mode:<br>{<br>"enabled": false,<br>"state": "DISABLED",<br>"description": "",<br>"request": null<br>}<br><br>Response Code : 200 OK<br>Response body :<br><br>{<br>"enabled": true,<br>"state": "CHANGING",<br>"description": "Disabling FIPS mode for vRealize Suite Lifecycle Manager appliance and services.",<br>"request": {<br>"requestId": "5e239981-15d6-4e00-859d-2f0645a856f3"<br>}<br>} | |
| Get FIPS status | GET | /lcm/locker/api/security/fips<br>Response Code : 200 OK<br>Response body :<br><br>{<br>"enabled": false,<br>"state": "DISABLED",<br>"description": "FIPS mode is disabled for vRealize Suite Lifecycle Manager appliance and services.",<br>"request": null<br>} | |

## Changing FIPS mode of produts

#### vRealize Suite Products supporting FIPS Compliance

vRealize Automation (vRA), vRealize Operations Manager (vROps), and vRealize Log Insight (vRLI)

Except for vRA, vROps and vRLI only support enabling of FIPS mode. This means that once FIPS mode has been enabled in these products, it cannot be disabled.

**Prerequisites**

User should be on v8.4 of above mentioned products

**Changing FIPS mode of product as part of Day-0 operation**

User can enable FIPS mode while doing fresh install of above products, in which case, the "fipsMode" property is passed in Create Environment Request payload. The payload has already been shown above in Create Environment requests.

**Changing FIPS mode of product as part of Day-2 operation**

**User can also change FIPS mode if he has not already done during the fresh deploy. This will be done using below API.**

| Name | HTTP Method | Endpoint | Comments |
| --- | --- | --- | --- |
| Change FIPS mode | POST | /lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/fips<br>Request parameters: environmentId, productId<br>Request Body for enabling FIPS mode:<br>{<br>"fipsMode": "\"true\""<br>}<br><br>Request Body for disabling FIPS mode:<br>{<br>"fipsMode": "\"false\""<br>}<br><br>Response Code : 200 OK<br>Response body :<br><br>{<br>"requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"<br>} | In the response body, requestID is returned using which the status of request can be monitored to check if it has COMPLETED or FAILED. If it completes successfully, this means FIPS mode has been changed successfully. |