vRSLCM REST Public API for 8.3.0

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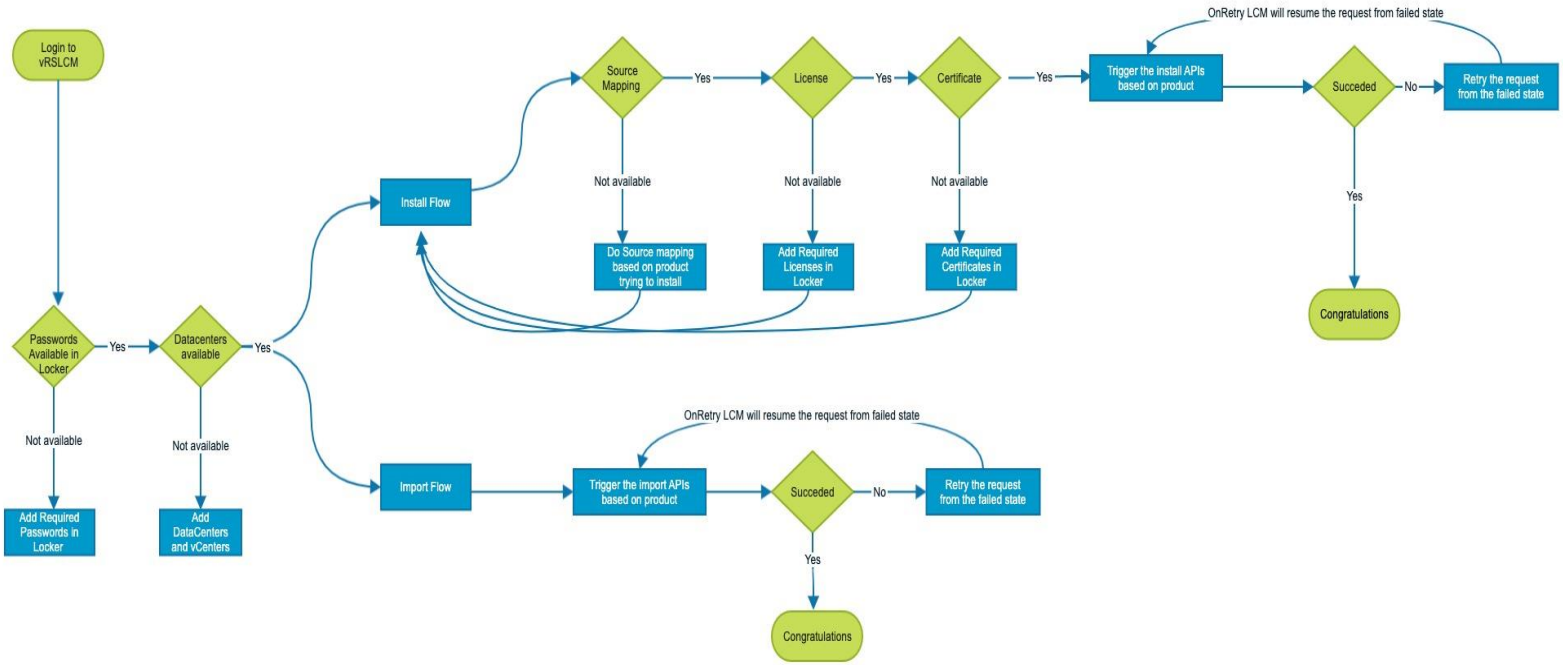
Documentation Disclaimers

The APIs published below are added as part of version 8.3.

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	The linked image cannot be displayed. The file may have been moved, renamed, o... https://<vIDM Hostname>/SAAS/API/1.0/REST/auth/system/login
		
		Request Body :
		
		{
		"username": "configadmin",
		"password": "VRLCM1!",
		"issueToken": "true"
		}
		
		Response Body :
		
		{
		
		"id": null,
		"sessionToken": "eyJ0eXAiOiJKkiOiJlYTY4ZW",
		"firstName": null,
		"lastName": null,
		"admin": false
		}

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
		
		Request Body :
		
		{
		"username": "configadmin",
		"password": "VRLCM1!",
		"issueToken": "true"
		}
		
		Response Body :
		
		{
		
		"id": null,
		"sessionToken": "eyJ0eXAiOiJKkiOiJlYTY4ZW",
		"firstName": null,
		"lastName": null,
		"admin": false
		}

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
		Request body :
		{
		"alias": "cert2",
		"cN": "certificate2",
		"ip": [
		"10.196.15.13"
		],
		"host": [
		"*.sqa.local"
		],
		"oU": "vmware",
		"size": "2048",
		"o": "vmware",
		"l": "IN",
		"sT": "IN",
		"c": "IN",
		"validity" : 729
		}
		
		Response code : 200 OK
		Response body :
		{
		"alias": "cert2",
		"key": "-----BEGIN PRIVATE KEY-----
		\nMIIEvQIBADANBgkqhkiG9w0BAQEFAASCBKcwggSjAgEAAoIBAQCvFd+h7BHsGJIz\nXn5Ho/sLTUDIlJi9nxT2iTYmvYJK6DhzMGkJDM8lFSMYKfNFHAckOcfv4Mk3QB0q\nh/5HIVvw9dwVoMj+fjo4rxaT/fFVd+MIJjcTZiSqAY3IyPJlFmBSJw6bv6NqwvIP\nnnzY00iOmo4lSkSO7h/eBEa6gIcP5CX47vBOdbGLxlqk8WEZZM0ZwGUrkPBqJrGN5\nts2LFcFCBzt8rd+0ylO6
			This API is used to generate a new certificate.
			
			Field descriptions :
			
			alias - Alias for the certificate
			
			c - Country Code
			
			cN - Common Name
			
			ip - IP Addresses
			
			host - Server Domain/Hostname
			
			oU - Organizational Unit
			
			size - Key Length (Either 2048 or 4096 bits)
			
			o - Organization
			
			l - Locality
			
			sT - State
			
			validity - Validity of the certificate. (more than 15 days)

		0CjWx9HvyZ46dOjt0ZfmU0Z6OU vjLT4BO8dhRwcB3Epo\nP69rgk 9SuO9U3RH0HniKI8g0grEREYNt 5S3VejUefjh+r1D1CxYF/if4Gt HeSNcE\nqg0G+XR5AgMBAAECgg EAC/KQCsB9Vhk0o879SsX2t/YW 90EFnb3s7Chfkrvwl8w6\nKukZ J8oRGhiTxx64uCTyG0+alETIck 3cl6YFTOUKvToHwU2SHaSvNCZF ggaMiP6n\n9krGTBt2oce+nT6S JOIGo2CBK5FjlUHViwmcJTVYQ7 Mp6CGZmL7N3ce/PPPk57nY\nPB UeWrwZQ2o/cPuvIoGkMkUvXoNL x5uSh8ICqdzCojaX3WlRWA8AKM OesG4QeN/8\n7HKP0jj8ZxXJ2P SpIuISsYpx8zqeqUGz9NTubWHy xCxhsOm2vrgMoHZYlYZSM2pW\n +nKuPlQ2lTTElhvb8BO6Ia5Qqk 1Di5x+eFbtyFxKQQKBgQDmxpoL M5r7zDABjAZO\nnJOIXq83rUSv xvXW6O5wrNEvS/DNgbZzMjVkgm smt499LPx1O9646DcqWTvPIMz1 \nzTWaqCdUBPZVuQ3VkDndH9yV iycCOotGjy20tTq69kqvU0ID5A 7hERQsa0zx864q\nZXydoAlY81 K1nOk/JsmWYBqSuQKBgQDCOPxQ Ii4x2C+hfG+kR3saKAhGFBpXHD Fv\nj1s9XsFVImq3VmyJXFhJbZ J0g1a0UW7XcMYgwA5pDa9zlfx/ q7J4ITlJjkU8XVCH\nsHPUH6YI Mjhw3+/FM5gVCb2QxHBOonBNHK Z/bVdDV+ei9JCJJRTUjR0nFMG1 Nb5a\n60jj2xgPwQKBgBT4KNkp uER2+km5sn0EJze1+s/hU6NxPb dodPoSCfP1P4084xo2\njrlyTF A5T7V9F/eDGCrPFuwnLZMVlOok 2mESNHii9ss1RHeKYmegVIfWHB ZMwYkI\ny4tnCE4iwQiLVS1LVL rItX+PxG8byFCb5iXge9j0Syir eFo/qQOb+e4pAoGBAI3g\nlt/q	

		uBgNNm4eumclGFX5HGIk2UD9BV fbPulLyKrqI06eQVbuMEgjVLLs JnA+dFvI\ns9LEuUIgjyQ+Ul7p C8wZaQHEfeskt2kHivVP0Td3iC dcToidseDcZq/T775hhuut\nnC rFstMs6bbuNI8amWbTVpJv5Tj8 c3tzGKHqMF+BAoGAL1XhY0R2M3 J2z4ZhwBu7\naZ4UAGMonU46ob in31ffVvMyXh2tqu1B9OAbEBbm LvY1XANm4a+01NhNHyaahAd8\n PWaLgC9b/JFqUw4EvJvJimZbeA Vk5Ts+TGHLsUmtRe2rBeKwyP+P uLPt/7htZMpK\nh/k5W4jOeIRS xoobxnPmf2Y=\n-----END PRIVATE KEY-----\n", "certChain": "-----BEGIN CERTIFICATE----- \nMIIDzzCCAregAwIBAgIGAXON 0+g/MA0GCSqGSIb3DQEBCwUAMF MxMzAxBgNVBAMM\nKnZSZWFsaX plIFN1aXRlIExpZmVjeWNsZSBN YW5hZ2VyIExvY2tlciBDQTEPMA 0G\nA1UECgwGVk13YXJlMQswCQ YDVQQGEwJJTjAeFw0yMDA3Mjcw MTEyMjFaFw0yMjA3\nMjcwMTEy MjFaMFoxDzANBgNVBAMMBnZtd2 FyZTEPMA0GA1UECwwGdm13YXJl MQ8w\nDQYDVQQKDAZ2bXdhcmUx CzAJBgNVBAcMAklOMQswCQYDVQ QIDAJJTjELMAkGA1UE\nBhMCSU 4wggEiMA0GCSqGSIb3DQEBAQUA A4IBDwAwggEKAoIBAQCvFd+h7B HsGJIz\nXn5Ho/sLTUDIlJi9nx T2iTYmvYJK6DhzMGkJDM8lFSMY KfNFHAckOcfv4Mk3QB0q\nh/5H IVvw9dwVoMj+fjo4rxaT/fFVd+ MIJjcTZiSqAY3IyPJlFmBSJw6b v6NqwvIP\nnzY00iOmo4lSkSO7 h/eBEa6gIcP5CX47vBOdbGLxlq k8WEZZM0ZwGUrkPBqJrGN5\nts	

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		YIKwYBBQUHAwEwDAYDVR0TAQH/
		BAIwADANBgkqhkiG9w0BAQsFAA
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		rKrcZQSaAYvUvGxMjT9O\nDXKl
		rJYzPF1s/wCZbLpZFPFyHQ==\n
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		\n",
		  "validations": [],
		  "validity": {
		  "period": "1 year, 11
		months and 29 days",
		  "expiresOn": "2022-07-
		27T01:12:21.000+0000",
		  "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, "sha256": "a37c439d28a9ca6880182f3ed4de4fb7586eb5effe912a0224b28bf70a3a5f83", "sha1": "4ff3bb2d67dbd81d98001294b562ae1cf2060fe0" } }	

Delete a Certificate	DELETE	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/locker/api/v2/certificates/{vmid} Request parameter : vmid : bee2f5de-7b3f-407f-a8c4-22a9220e077f Response code : 200 OK Response body : { "certChain": "-----BEGIN CERTIFICATE----- \nMIIDzzCCAregAwIBAgIGAXON2rrTMA0GCSqGSIb3DQEBCwUAMFMxMzAxBgNVBAMM\nKnZSZWFsaXplIFN1aXRlIExpZmVjeWNsZSBNYW5hZ2VyIExvY2tlciBDQTEPMA0G\nA1UECgwGVk13YXJlMQswCQYDVQQGEwJJTjAeFw0yMDA3MjcwMTE5NDhaFw0yMjA3\nMjcwMTE5NDhaMFoxDzANBgNVBAMMBnZtd2FyZTEPMA0GA1UECwwGdm13YXJlMQ8w\nDQYDVQQKDAZ2bXdhcmUxCzAJBgNVBAcMAklOMQswCQYDVQQIDAJJTjELMAkGA1UE\nBhMCSU4wggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQCj4AcR4nEGFX07\n7746gtcfDRSprywMHVvL7tw16T5NIW3aiZdAG0+Y1LHKP/ySi1y4Tw7puJDaCHQH\n4Es40GcgdcjHJ9B5rcANI7suCelqSF0jWAEBVIz5+OMCX7KcgKbCnXnZFORk7BW6\nsNnrQcdou89SzEAQWhbDQN/Gkewoac+XEsuxrf4TVXsSIzjDCnpXtA4bAoGYZMhl\nMmpCi6KkIeboOfISFf2ndkArV5xImJRLGEipo9Rzb3o9fRAQ2h6yIe	This API is used to delete an already existing certificate.

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Get a Certificate by ID	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/locker/api/v2/certificates/{vmid} Request parameter: vmid : 12b9c4a6-dd2d-4cf9-a3ad-2cf55ff12724 Response code : 200 OK Response body : { "vmid": "12b9c4a6-dd2d-4cf9-a3ad-2cf55ff12724", "alias": "lcm-cicd-cert", "key": "PRIVATE KEY****", "certChain": "-----BEGIN CERTIFICATE----- \nMIID2DCCAsCgAwIBAgIGAXOBPUIcMA0GCSqGSIb3DQEBCwUAMFMxMzAxBgNVBAMM\nKnZSZWFsaXplIFN1aXRlIExpZmVjeWNsZSBNYW5hZ2VyIExvY2tlciBDQTEPMA0G\nA1UECgwGVk13YXJlMQswCQYDVQQGEwJJTjAeFw0yMDA3MjQxNDMyMjJaFw0yMjA3\nMjQxNDMyMjJaMGkxEjAQBgNVBAMMCXNxYS5sb2NhbDENMAsGA1UECwwEQ01CVTEP\nMA0GA1UECgwGVk13YXJlMRIwEAYDVQQHDAlCYW5nYWxvcmUxEjAQBgNVBAgMCUth\ncm5hdGFrYTELMAkGA1UEBhMCSU4wggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEK\nAoIBAQDNOfQBfxwWDuYCK7xYUvnIo0Ml/5j+ckhZSU01	This API is used to delete a certificate by ID.

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		mBt2ubMA==\n-----END
		CERTIFICATE-----\n",
		"validations": [],
		"validity": {
		"period": "1 year, 11
		months and 27 days",
		"expiresOn": "2022-07-
		24T14:32:22.000+0000",
		"issuedOn": "2020-07-
		24T14:32:22.000+0000",
		"healthy": true
		},
		"certInfo": {
		"subject":
		"CN=sqa.local,OU=CMBU,O=VM
		ware,L=Bangalore,ST=Karnat
		aka,C=IN",	

		"issuer": "CN=vRealize Suite Lifecycle Manager Locker CA,O=VMware,C=IN", "san": "DNS: *.sqa.local", "algorithm": "SHA256WITHRSA", "keyAlgorithm": "RSA", "keyLength": 2048, "sha256": "ee3fab6a7facbc7c5ba0bc6429df4751cc7052d4d43a4e4051fbad950acea641", "sha1": "16a46371426060115a9fd2a58c53a5c18a591b5c" } }	

Creates CSR with a Key	POST	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/locker/api/v2/certificates/csr
		CSR generation
		Request body : "csrEntity"
		
		{
		"c": "certificate1",
		"cN": "certificate1",
		"ip": [
		"10.196.57.68"
		],
		"host": [
		"*.sqa.local"
		],
		"oU": "vmware",
		"size": "2048",
		"o": "vmware",
		"l": "IN",
		"sT": "IN",
		"c": "IN"
		}
		
		Response code : 200 OK
		Response Body :
		
		-----BEGIN CERTIFICATE REQUEST-----
		MIIDDjCCAfYCAQAwWjEPMA0GA1UEAwwGdm13YXJlMQ8wDQYDVQQLDAZ2bXdhcmUx
		DzANBgNVBAoMBnZtd2FyZTELMAkGA1UEBwwCSU4xCzAJBgNVBAgMAklOMQswCQYD
		VQQGEwJJTjCCASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAOC2a8KUCkAq
			This API is used to create a Certificate Signing Request (CSR).

		/VyKjqUFTITleAq/4hfwH7FYFg R8qCVUWW8HFMAwxpA3oN3AsSu5 kFBnvSpbNwgr lSCqJw7vjikjsTwLGTx75PnJqh P/Bni2nNM60lzp4BHYEfZq/8D8 MMnIBpxmEqjz QzrfsbRBvLlm/F2Q40oPzqsd69 E2VcKUscf89tBzbVomN2nV8s5r mgpuugJnrEBc Z7bKJwj1N9doIQ95hL66suXawG XLxJ7oZufx4omnNQX39yO+N1IY Buh98GTBmhFy OWYs2hbNyPgAYy4n4D6MgG6bWR 4JggARbN+kNk9UWwyDfkRaI9Tv kEmk/Xe+YRaU OT6QD837DaUCAwEAAaBvMG0GCS qGSIb3DQEJDjFgMF4wHAYDVR0R BBUwE4cECsQP DYILKi5zcWEubG9jYWwwDgYDVR 0PAQH/BAQDAgWgMCAGA1UdJQEB /wQWMBQGCCsG AQUFBwMCBggrBgEFBQcDATAMBg NVHRMBAf8EAjAAMA0GCSqGSIb3 DQEBCwUAA4IB AQCfweR4kRjf967biqs7bNPyr+ rlWLDUtRwuNpCNfhf0YtijYhKR XIdGXomzE8e8 T6hK5812kEzp12X7IAZm77IgUQ fVI5FGC1wmsHl+eH/f7/lqQh11 XFyv/OWjRzqw 6/ZhbENDgS9L2i1sZdTW1mTF0K V8r/jC86E7W2Hju135KmARk+ND 1+N79PnevhFi tNBjeVS5wI2Jk3P+zoFqz6GrqX XBx/W2vQU32xuHskjlWzUQI+Gq MnRn5lgTvtUe h2xh11rybPWJ9hJYK6tWaZ7uGc pFck1LhK26qOJzNp+mRFQ48BDy okTtDwP4rsRN jDzWJUDVap7uNdOHBDZeZcYY	

		-----END CERTIFICATE REQUEST----- -----BEGIN PRIVATE KEY----- MIIEvQIBADANBgkqhkiG9w0BAQEFAASCBKcwggSjAgEAAoIBAQDgtmvClApAKv1c io6lBUyE5XgKv+IX8B+xWBYEfKglVFlvBxTAMMaQN6DdwLEruZBQZ70qWzcIK5Ug qicO744pI7E8Cxk8e+T5yaoT/wZ4tpzTOtJc6eAR2BH2av/A/DDJyAacZhKo80M6 37G0Qby5ZvxdkONKD86rHevRNlXClLHH/PbQc21aJjdp1fLOa5oKbroCZ6xAXGe2 yicI9TfXaCEPeYS+urLl2sBly8Se6Gbn8eKJpzUF9/cjvjdSGAboffBkwZoRcjlm LNoWzcj4AGMuJ+A+jIBum1keCYIAEWzfpDZPVFsMg35EWiPU75BJpP13vmEWlDk+ kA/N+w2lAgMBAAECggEABIf5JUvJ5yBWyopqtO4l7FoaMRFMdFIduXw+uWlwFIye XwxEAVoabucIQeB0Uh7kR5LH8DY1pl8Gm0mDDxyKf87d8ImCwUL4S4ci/FM8pKt9 /w5lFoWKxKFYP2FJ9fC/5Rm49Gdkge6h0OqY0TswHIb0mMhmpOQrtSydyDKxyQIf 5MMoxR3xDfozLJZ7hN5l7gGX1SenbfOeaAxA/oGpMqkJ8qW2SUJ9mX9r5IJgxl0b bMR33hn5hBjcz4hOuByZxvm0zzrfMr0HRmqdMZJAgkHfSh9QbXWO5We7dW6QMMH7 s8X64NyZ+o3I5i6ffDS60GHmiS8EZRA2eLQZ5hRCswKBgQD1Onz+nNnG1/nGwCEQ

		j/qDd+4xL/W8RE4jJoNrQ9F5jhlCw+QysgZ9ymzOe59PN8ZyZS1zV9QZLLz0yNNK L6ky0fjhesUE6Zx9NGxkxi04Q6bZcW5Ag1aRiDQCxaRNoAVeTZWFQPLDPRJtQrlH rrmUBgqRc0zY8f2NwT/BwexljwKBgQDqlT0IhG/e5YCU7fZXFd+k4KnT7+SaVxgs zPnqZ+48uQnJVmaM2VCQ7q0eYwCGsaP7ULYrees0PkdUBzVECIJqZj0JTvnibaB1 sPMw/jXPd70ZxL6N2y1XOZTKcrylJ4tWlZsb036VvwV26LssYdWz/C0VT8o9ctSO cqUiVBcHiwKBgQDncoJSVHt+Ho1Rtjf+x8TqnCClL9zACb+tkUXr0SA9l43j47rW 1gsmYgz7fNXJEJ0tjqys9jHqaL0WUwyIMh+BJYe+V/7nOg1GZln/asN3HPK2u0YR gWQNCv37t8nwsZ0feh4qnDgDaPqhQJ5aN2BTgrgquyXGg+6JAeFI39xbpQKBgFN4 tzcIqSYPVCmqYzWpuuLYbpXTjuy8gQWwCl22jbddwHW8INGNonVv+HoPkGhdXZRX q/rcby0v3AGybum+fWmO57kgORqxF5/JTz/ntQ4V9Vvt/kBL9V5MRv2ixi2eXJ56 ra7BGxH93tvpBHFOftSEryYeNkCXU7s8YDZO5cLxAoGANYg3n86b6s8ncWom5EC5 Puyj88dBCpatDpFZHilJk5me/4NxELr8caDNw2MiumXGzsDCGBWg9Ro2Z91TCtI5 Yvso46KTAWpHoNKihMpjIlr5XSb9SfjnNgj0rHYhO+scOGVnvJwFMfj+RNN8k8uQ JcXyGyWthkoN8lNcAgBoil8=	

		-----END PRIVATE KEY-----	

List Paginated Certificates	GET	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/locker/api/v2/certificates
		Request parameters :
		size : 10
		from : 1
		aliasQuery : cert2
		
		Response code : 200 OK
		Response body :
		{
		"page": 0,
		"total": 1,
		"certificates": [
		{
		"vmid": "6246ef46-ad30-4470-b7b1-e202c89fa6ba",
		"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",
		"algorithm": "SHA256WITHRSA",
		"sha1": "4170ceb21de45b3a8edeab707b7b9fc1d68052bb",
		"alias": "cert2",
		"healthy": true
		}
		]
		}
			This API is used to list the paginated certificates.

Import an Already Existing Certificate	POST	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/locker/api/v2/certificates/import Request body : "importRequestDTO" { "alias": "cert2", "privateKey": "-----BEGIN PRIVATE KEY----- \nMIIEvgIBADANBgkqhkiG9w0BAQEFAASCBKgwggSkAgEAAoIBAQCj4AcR4nEGFX07\n7746gtcfDRSprywMHVvL7tw16T5NIW3aiZdAG0+Y1LHKP/ySi1y4Tw7puJDaCHQH\n4Es40GcgdcjHJ9B5rcANI7suCelqSF0jWAEBVIz5+OMCX7KcgKbCnXnZFORk7BW6\nsNnrQcdou89SzEAQWhbDQN/Gkewoac+XEsuxrf4TVXsSIzjDCnpXtA4bAoGYZMhl\nMmpCi6KkIeboOfISFf2ndkArV5xImJRLGEipo9Rzb3o9fRAQ2h6yIew0ClXic7eN\nxVWpMBkdscQBufDKXAJ00ugAF36thWG+rAL05P/4iWLVGLWG00o48O/sh44qVYFU\nUmw/YU3rAgMBAAECggEAAKh1zs6+eRxH+vV3qZYnP/2A9Od6VqLINhWY9nHKfsEg\nxve2JEXtIrt5P/XUJqXUSFHaSPpP6+2MbbsAV6jlPnOf9ptvJ7XuEf9v5nuYCjBi\niLGh8LvtWamesRPqTIeVuS1XCmtI5CuF23s5/MsFqSLWmR9Z2IGhcBpIFmzf6mT0\nuLlJ5UhzD7nNGeHnGoBEqqAfVom1UhdNCIhEOAp+CLZ1qBbgFDnA63Rb7nGi2Opx\nP6OkCLXflGP0KP+jF0THT0r1lami+a4AJQzhFcXlYJKKrwjz4erPZCxVLaCc9Aob\nblMZcd08MP4ML73IYLrE5SkJhJ	This API is used to import an already existing certificate.

		E00vc2TSR5D+TeFQKBgQDnRgjx PDXA96ZNGwPC\nIO5gyit85guT Hi2XcMlq3i6jL3lbcspuGt+3X3 wVXB6+2sRe1p3yTNmIWuvbmJXX \na3PERphY/0Qs9Y8ZIFGpk88X vJ6dSpAdXd7N/XqVh7v3W1UNI/ uhja7bNVb9vj2K\n/UqpxedEfk OQjq16uWm2WN3CvQKBgQC1ZUtm JLfxtdboO9yEq3nPE9GPbf0RXj YY\n9b1iULPTUc6cHDv1CGX1/M 2H5oC6hWFDKA+mmTEg4A+mJf3+ iKsE6MM/6ndkxGJw\nVW8APe3p FzkqC6lWtjtntwFnbGajDwJQnh BsI5ddxbh2eutDVLL7okhm6UPF qy93\nlm1LWYfxxwKBgQDJ/aIb x6GPKvzFRT3wFED+qjR3PpiHYo khRnG0c985yWHt3AEv\nTytrhe ri4PU9beaqijmjATnQ3NA4mDju z7tphtrSiAhsWAAmStLoD9+E9M l3yUK7\nU1wgfy3MYaNqtAtBkd bZT9yTOjADKF+p//Vw+Bc3/CtY mzSrBjts9oqg5QKBgQCo\nMiSX sbReC54Z+GehHN71hArsU7A0So ce3b2dS/dyGojZd9SggAkK7j4l pTX3vXVS\nL/NTJvjG4vufs9qw CUmKY8mnmmDarr4YKx+hucrANy hqNCXwoUi0ApzqqTkCOQiM\neA QCQX45FPzV32QGKqNLcE5yHhkZ UIHTAUiWdY34QQKBgCar2ZxEUn 7eXqzu1hb+\nhV3rGYYU0IiMp0 lfhzHsdCu/E+oUlVypsgahmLSR zkY8arb2u4Ao2vf+qtZvd2O1\n 74BOKtClR4/gSHdleM1D4eRBwj QyquS8wmS7nh3XbJGYvNqetvZ6 6FFAKXRXnLlg\nv88cSS1uhynU fPSzjb1+wDa5\n-----END PRIVATE KEY-----\n", "certificateChain": "- ----BEGIN CERTIFICATE----- \nMIIDzzCCAregAwIBAgIGAXON	

		2rrTMA0GCSqGSIb3DQEBCwUAMF MxMzAxBgNVBAMM\nKnZSZWFsaX plIFN1aXRlIExpZmVjeWNsZSBN YW5hZ2VyIExvY2tlciBDQTEPMA 0G\nA1UECgwGVk13YXJlMQswCQ YDVQQGEwJJTjAeFw0yMDA3Mjcw MTE5NDhaFw0yMjA3\nMjcwMTE5 NDhaMFoxDzANBgNVBAMMBnZtd2 FyZTEPMA0GA1UECwwGdm13YXJl MQ8w\nDQYDVQQKDAZ2bXdhcmUx CzAJBgNVBAcMAklOMQswCQYDVQ QIDAJJTjELMAkGA1UE\nBhMCSU 4wggEiMA0GCSqGSIb3DQEBAQUA A4IBDwAwggEKAoIBAQCj4AcR4n EGFX07\n7746gtcfDRSprywMHV vL7tw16T5NIW3aiZdAG0+Y1LHK P/ySi1y4Tw7puJDaCHQH\n4Es4 0GcgdcjHJ9B5rcANI7suCelqSF 0jWAEBVIz5+OMCX7KcgKbCnXnZ FORk7BW6\nsNnrQcdou89SzEAQ WhbDQN/Gkewoac+XEsuxrf4TVX sSIzjDCnpXtA4bAoGYZMhl\nMm pCi6KkIeboOfISFf2ndkArV5xI mJRLGEipo9Rzb3o9fRAQ2h6yIe w0ClXic7eN\nxVWpMBkdscQBuf DKXAJ00ugAF36thWG+rAL05P/4 iWLVGLWG00o48O/sh44qVYFU\n Umw/YU3rAgMBAAGjgaEwgZ4wHQ YDVR0OBBYEFMKgidsQyZNHdWfQ unuH1tN+klM7\nMB8GA1UdIwQY MBaAFH3ByevtTx1c8uvqnjvv4y qZyWrMMBwGA1UdEQQVMBOHBArE \nDw2CCyouc3FhLmxvY2FsMA4G A1UdDwEB/wQEAwIFoDAgBgNVHS UBAf8EFjAUBggr\nBgEFBQcDAg YIKwYBBQUHAwEwDAYDVR0TAQH/ BAIwADANBgkqhkiG9w0BAQsFAA OC\nAQEAqujRcuXVQhYYcrLvs2 ddWDjMlhb4N5sDFTaQGBQSc5ne IpBxcTNCoukRJh7R\nAamIxMSV	

		gOIupMa1mA/FDYqdd1uC7hUeIS cYo3JxKpmd7iuHik8t3WKenTlX CE7T\nOOGHDrZ7ta51pq3sXdHt yN1OvypnzYYsSN3APXP9VX71R1 RL2YKl8DfdBkSaerfT\nwawhme ZwQnOPvGJZCqMqVxgOzVb7rZqm Mq7aFNZ1uzhu022zsb60Cpfqao bHo0fj\neajCueMj38MQDhoeMQ iooYwDL4PGgWizgiBX1N5cP996 OJTyU2no//TBszq9Wp1M\nly1K bWOlGL/14KD3cGKn85L8QA==\n -----END CERTIFICATE----- \n-----BEGIN CERTIFICATE-- --- \nMIIDiTCCAnGgAwIBAgIGAXNH iB6cMA0GCSqGSIb3DQEBCwUAMF MxMzAxBgNVBAMM\nKnZSZWFsaX plIFN1aXRlIExpZmVjeWNsZSBN YW5hZ2VyIExvY2tlciBDQTEPMA 0G\nA1UECgwGVk13YXJlMQswCQ YDVQQGEwJJTjAeFw0yMDA3MTMw OTM2MDlaFw0zMDA3\nMTEwOTM2 MDlaMFMxMzAxBgNVBAMMKnZSZW FsaXplIFN1aXRlIExpZmVjeWNs ZSBN\nYW5hZ2VyIExvY2tlciBD QTEPMA0GA1UECgwGVk13YXJlMQ swCQYDVQQGEwJJTjCC\nASIwDQ YJKoZIhvcNAQEBBQADggEPADCC AQoCggEBAOPn0pF8f2RQcaLr6W oxbatL\nv1bm9ksE0U3QQnTeLg nHwdE97CkDWdDh1Zlx30JkDntS qx3eJeum5zvJ6RBzEIBa\noTA4 8Hw8MnEvucTsZN1/tAAwbmbwiT 4VuojvoQQkoKxprqJTB8NTpWmp Jj8pg9eJ\ndnlJ0SASp8k9BKN3 8O/L9gejSpqwbr8DA7VzR3wW3l hxciazEiJ2MTf0by8eBCnA\nyv VgHVL3092nNTrdPVtcpEnIU/g6 Day8dmvCqza/w8fvzeDLW4AT3j n5uug7S+tL\ngx8N9+sVyxKEDM	

		ymjxE8npAUAvRSuHNDFTMgEkYI
		sGxcl3Th1Qo1CXJwBEmOiasC\n
		AwEAAaNjMGEwHQYDVR0OBBYEFH
		3ByevtTx1c8uvqnjvv4yqZyWrM
		MB8GA1UdIwQY\nMBaAFH3Byevt
		Tx1c8uvqnjvv4yqZyWrMMA8GA1
		UdEwEB/wQFMAMBAf8wDgYDVR0P
		\nAQH/BAQDAgGGMA0GCSqGSIb3
		DQEBCwUAA4IBAQCfx7KWiWiHmh
		i/2Fd/5UYQOZ1k\ng1qGEp8KV0
		E7JwV8WHsTHogIDnLuanj5rYBC
		TP5PHrU29qgOrxqn9Zy7vMvF/M
		FF\nMlLOgei8sloSeUpKLOdfqU
		wojRo7WGVZNKd7AaJc7R+zmzcq
		l+xGmb4nJVx+fEgU\nMCoSicaY
		oLTyXMili3WcNAkRSQgdhE743v
		hu674aXQrCbDg/AFTuwNin4Swr
		LjQK\npVcUO6RiwkVAJ3Y4RtFr
		qz5rwR9SZD3U/3bqrIzqajuKuS
		bqZl5uizH3L5in8r9r\nfddXMQ
		bK+b3A7v3AaJemFDm/hOEgm50p
		5jh0TZC92E/qI3vFyC7FMkHaRG
		m6\n-----END CERTIFICATE--
		---\n",
		"passphrase": "cert2"
		}
		
		Response code : 200 OK
		Response body :
		{
		"alias": "cert2",
		"key": "-----BEGIN
		PRIVATE KEY-----
		\nMIIEvgIBADANBgkqhkiG9w0B
		AQEFAASCBKgwggSkAgEAAoIBAQ
		Cj4AcR4nEGFX07\n7746gtcfDR
		SprywMHVvL7tw16T5NIW3aiZdA
		G0+Y1LHKP/ySi1y4Tw7puJDaCH
		QH\n4Es40GcgdcjHJ9B5rcANI7	

		suCelqSF0jWAEBVIz5+OMCX7Kc gKbCnXnZFORk7BW6\nsNnrQcdo u89SzEAQWhbDQN/Gkewoac+XEs uxrf4TVXsSIzjDCnpXtA4bAoGY ZMhl\nMmpCi6KkIeboOfISFf2n dkArV5xImJRLGEipo9Rzb3o9fR AQ2h6yIew0ClXic7eN\nxVWpMB kdscQBufDKXAJ00ugAF36thWG+ rAL05P/4iWLVGLWG00o48O/sh4 4qVYFU\nUmw/YU3rAgMBAAECgg EAAKh1zs6+eRxH+vV3qZYnP/2A 9Od6VqLINhWY9nHKfsEg\nxve2 JEXtIrt5P/XUJqXUSFHaSPpP6+ 2MbbsAV6jlPnOf9ptvJ7XuEf9v 5nuYCjBi\niLGh8LvtWamesRPq TIeVuS1XCmtI5CuF23s5/MsFqS LWmR9Z2IGhcBpIFmzf6mT0\nuL lJ5UhzD7nNGeHnGoBEqqAfVom1 UhdNCIhEOAp+CLZ1qBbgFDnA63 Rb7nGi2Opx\nP6OkCLXflGP0KP +jF0THT0r1lami+a4AJQzhFcXl YJKKrwjz4erPZCxVLaCc9Aob\n blMZcd08MP4ML73IYLrE5SkJhJ E00vc2TSR5D+TeFQKBgQDnRgjx PDXA96ZNGwPC\nIO5gyit85guT Hi2XcMlq3i6jL3lbcspuGt+3X3 wVXB6+2sRe1p3yTNmIWuvbmJXX \na3PERphY/0Qs9Y8ZIFGpk88X vJ6dSpAdXd7N/XqVh7v3W1UNI/ uhja7bNVb9vj2K\n/UqpxedEfk OQjq16uWm2WN3CvQKBgQC1ZUtm JLfxtdboO9yEq3nPE9GPbf0RXj YY\n9b1iULPTUc6cHDv1CGX1/M 2H5oC6hWFDKA+mmTEg4A+mJf3+ iKsE6MM/6ndkxGJw\nVW8APe3p FzkqC6lWtjtntwFnbGajDwJQnh BsI5ddxbh2eutDVLL7okhm6UPF qy93\nlm1LWYfxxwKBgQDJ/aIb x6GPKvzFRT3wFED+qjR3PpiHYo khRnG0c985yWHt3AEv\nTytrhe	

		ri4PU9beaqijmjATnQ3NA4mDjuz7tphtrSiAhsWAAmStLoD9+E9Ml3yUK7\nU1wgfy3MYaNqtAtBkdbZT9yTOjADKF+p//Vw+Bc3/CtYmzSrBjts9oqg5QKBgQCo\nMiSXsbReC54Z+GehHN71hArsU7A0Soce3b2dS/dyGojZd9SggAkK7j4lpTX3vXVS\nL/NTJvjG4vufs9qwCUmKY8mnmmDarr4YKx+hucrANyhqNCXwoUi0ApzqqTkCOQiM\neAQCQX45FPzV32QGKqNLcE5yHhkZUIHTAUiWdY34QQKBgCar2ZxEUn7eXqzu1hb+\nhV3rGYYU0IiMp0lfhzHsdCu/E+oUlVypsgahmLSRzkY8arb2u4Ao2vf+qtZvd2O1\n74BOKtClR4/gSHdleM1D4eRBwjQyquS8wmS7nh3XbJGYvNqetvZ66FFAKXRXnLlg\nv88cSS1uhynUfPSzjb1+wDa5\n-----END PRIVATE KEY-----\n",
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		LjQK\npVcUO6RiwkVAJ3Y4RtFr qz5rwR9SZD3U/3bqrIzqajuKuS bqZl5uizH3L5in8r9r\nfddXMQ bK+b3A7v3AaJemFDm/hOEgm50p 5jh0TZC92E/qI3vFyC7FMkHaRG m6\n-----END CERTIFICATE-- ---\n", "leafCert": "-----BEGIN CERTIFICATE----- \nMIIDzzCCAregAwIBAgIGAXON 2rrTMA0GCSqGSIb3DQEBCwUAMF MxMzAxBgNVBAMM\nKnZSZWFsaX plIFN1aXRlIExpZmVjeWNsZSBN YW5hZ2VyIExvY2tlciBDQTEPMA 0G\nA1UECgwGVk13YXJlMQswCQ YDVQQGEwJJTjAeFw0yMDA3Mjcw MTE5NDhaFw0yMjA3\nMjcwMTE5 NDhaMFoxDzANBgNVBAMMBnZtd2 FyZTEPMA0GA1UECwwGdm13YXJl MQ8w\nDQYDVQQKDAZ2bXdhcmUx CzAJBgNVBAcMAklOMQswCQYDVQ QIDAJJTjELMAkGA1UE\nBhMCSU 4wggEiMA0GCSqGSIb3DQEBAQUA A4IBDwAwggEKAoIBAQCj4AcR4n EGFX07\n7746gtcfDRSprywMHV vL7tw16T5NIW3aiZdAG0+Y1LHK P/ySi1y4Tw7puJDaCHQH\n4Es4 0GcgdcjHJ9B5rcANI7suCelqSF 0jWAEBVIz5+OMCX7KcgKbCnXnZ FORk7BW6\nsNnrQcdou89SzEAQ WhbDQN/Gkewoac+XEsuxrf4TVX sSIzjDCnpXtA4bAoGYZMhl\nMm pCi6KkIeboOfISFf2ndkArV5xI mJRLGEipo9Rzb3o9fRAQ2h6yIe w0ClXic7eN\nxVWpMBkdscQBuf DKXAJ00ugAF36thWG+rAL05P/4 iWLVGLWG00o48O/sh44qVYFU\n Umw/YU3rAgMBAAGjgaEwgZ4wHQ YDVR0OBBYEFMKgidsQyZNHdWfQ unuH1tN+klM7\nMB8GA1UdIwQY	

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		A1UdDwEB/wQEAwIFoDAgBgNVHS
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		YIKwYBBQUHAwEwDAYDVR0TAQH/
		BAIwADANBgkqhkiG9w0BAQsFAA
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		ddWDjMlhb4N5sDFTaQGBQSc5ne
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		cYo3JxKpmd7iuHik8t3WKenTlX
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		-----END CERTIFICATE-----
		\n",
		  "validations": [],
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		  "period": "1 year, 11
		months and 22 days",
		  "expiresOn": "2022-07-
		27T01:19:48.000+0000",
		  "issuedOn": "2020-07-
		27T01:19:48.000+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, "sha256": "e29cc66231a79af587e903e7cfbaf6d3d0ea392e36f496b7a2f078c54579faeb", "sha1": "2647735d8fd5c6f45edea04d0b2a64db1cdd6a64" } }	

Locker Password Operation APIs

Name	**HTTP Method**	Endpoint

Creates a new Password in a Password Store	POST	The linked image cannot be displayed. The file may have been moved, renamed, o...lcm/locker/api/v2/passwords
		Request body : "password"
		{
		"alias": "VC-password",
		"createdOn": 0,
		"lastUpdatedOn": 0,
		"password": "Vmware!300",
		"passwordDescription": "",
		"principal": "",
		"userName": "",
		}
		
		Response code : 200 OK
		Response body :
		{
		"vmid": "1a31bcc0-9e27-41db-b6a3-af4e724a3fb2",
		"alias": "VC-password",
		"userName": "",
		"password": "PASSWORD****",
		"passwordDescription": "",
		"principal": "",
		"createdOn": 1595813525653,
		"lastUpdatedOn": 1595813525653
		}

Edit a Password based on the Vmid	PATCH	/lcm/locker/api/v2/passwords/{vmid}
		Request parameter :
		vmid : 1a31bcc0-9e27-41db-b6a3-af4e724a3fb2
		Request body : "password"
		{
		"alias": "VC-password",
		"createdOn": 1595813525653,
		"lastUpdatedOn": 1595813525653,
		"password": "Vrslcm1!",
		"passwordDescription": "",
		"principal": "",
		"userName": "",
		}
		
		Response code : 200 OK

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

Get paginated list of Passwords available in the Store	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/locker/api/v2/passwords
		Request parameters :
		size : 10 [default]
		from : 0 [default]
		aliasQuery : [blank] [optional]
		
		Response code : 200 OK
		Response body :
		{
		"page": 0,
		"total": 2,
		"passwords": [
		{
		"vmid": "1a31bcc0-9e27-41db-b6a3-af4e724a3fb2",
		"alias": "VC-password",
		"userName": "",
		"password": "PASSWORD****",
		"passwordDescription": "",
		"principal": "",
		"createdOn": 1595813525653,
		"lastUpdatedOn": 1595813839757
		},
		{
		"vmid": "65b3111f-5512-4915-b68c-d1c0fde2f86e",
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		"password": "PASSWORD****",
		"passwordDescription": "",
		"createdOn": 1595807306182,
		"lastUpdatedOn": 1595807306182
		}
		]
		}

Delete a Password based on the Vmid	DELETE	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/locker/api/v2/passwords/{vmid}
		Request parameter :
		vmid : 2a626b60-efd4-4d1a-bc2a-695d467b0eb3
		
		Response code : 200 OK
		Response body :
		{
		"vmid": "2a626b60-efd4-4d1a-bc2a-695d467b0eb3",
		"alias": "VMware1!200",
		"userName": "",
		"password": "Vrslcm!",
		"passwordDescription": "",
		"principal": "",
		"createdOn": 1600007526460,
		"lastUpdatedOn": 1600007573766
		}

Locker License Operation APIs

Name	HTTP Method	Endpoint

Validate and add License to Locker store	POST	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/locker/api/v2/license/validate-and-add
		Request body :
		{
		"alias": "license1",
		"serialKey": "DN0AN-JD280-48RJ1-00024-1RV"
		}
		
		Response code : 200 OK
		Response body :
		{
		"vmid": "69def4ac-782f-4af7-9ce7-99a7b8557a09",
		"requestId": "071d88e6-6ef3-4ff3-abd9-21420ff4cca4",
		"action": "VALIDATE_AND_ADD_LICENSE",
		"message": "Validate and Add request queued for license license1"
		}

Loads a list of all the Licenses available in the store	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/locker/api/v2/licenses
		Response code : 200 OK
		Response body :
		[
		  {
		  "vmid": "d8bc9171-a993-4abb-b081-cf283a4f0569",
		  "alias": "license1",
		  "key": "DN0AN-JD280-48RJ1-00024-1RV",
		  "description": "VMware vRealize Suite 2019 Enterprise",
		  "quantity": 32,
		  "unit": "plu",
		  "type": "vRealizeSuite",
		  "account": "LCM Admin",
		  "expiresIn": "3 months and 28 days",
		  "expiresOn": "Mon Jan 11 2021 00:00:00",
		  "status": "ACTIVE",
		  "validations": [],
		  "healthy": true,
		  "lastRefreshed": 1600007172997,
		  "refreshStatus": "NEW",
		  "expired": false,
		  "connected": false
		  }
		]

Gets Licenses from Alias	GET	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/locker/api/v2/licenses/alias/{alias}
		Request parameter :
		alias : license1
		
		Response body :
		{
		"vmid": "d8bc9171-a993-4abb-b081-cf283a4f0569",
		"alias": "license1",
		"key": "DN0AN-JD280-48RJ1-00024-1RV",
		"description": "VMware vRealize Suite 2019 Enterprise",
		"quantity": 32,
		"unit": "plu",
		"type": "vRealizeSuite",
		"account": "LCM Admin",
		"expiresIn": "3 months and 28 days",
		"expiresOn": "Mon Jan 11 2021 00:00:00",
		"status": "ACTIVE",
		"validations": [],
		"healthy": true,
		"lastRefreshed": 1600007172997,
		"refreshStatus": "NEW",
		"expired": false,
		"connected": false
		}

Loads complete information of a License based on the vmid	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/locker/api/v2/licenses/detail/{vmid}
		Request parameter :
		vmid: d8bc9171-a993-4abb-b081-cf283a4f0569
		
		Response body :
		{
		"vmid": "d8bc9171-a993-4abb-b081-cf283a4f0569",
		"alias": "license1",
		"key": "DN0AN-JD280-48RJ1-00024-1RV",
		"description": "VMware vRealize Suite 2019 Enterprise",
		"quantity": 32,
		"unit": "plu",
		"type": "vRealizeSuite",
		"account": "LCM Admin",
		"expiresIn": "3 months and 28 days",
		"expiresOn": "Mon Jan 11 2021 00:00:00",
		"status": "ACTIVE",
		"validations": [],
		"healthy": true,
		"lastRefreshed": 1600007172997,
		"refreshStatus": "NEW",
		"expired": false,
		"connected": false
		}

Refresh myvmware licenses	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/locker/api/v2/licenses/refresh
		Response Code : 200 OK
		Response body :
		{
		"vmid": "d562ef04-01f0-4a58-a4a2-5e358126d88f",
		"action": "REFRESH_LICENSES",
		"message": "Refresh License from myvmware triggered successfully"
		}

Locker Reference Operation APIs

Name	HTTP Method	Endpoint

Loads references information of a Locker Entity	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/locker/api/v2/references/{vmid} Request parameter : vmid : 2c692f41-7b78-437f-8325-322350daeedc Response code : 200 OK Response body : { "environments": [{ "envName": "vRS Small Import Environment", "envId": "vRSSmallImportEnvironment1595601218016", "products": [{ "name": "vrli", "consumption": "{\"editable\":\"true\",\"nodeType\":\"vrli-master\",\"nodeid\":\"lcm2-187-38.sqa.local\",\"user\":\"root\"}", "nodes": [] }, { "name": "vrni", "consumption": "{\"editable\":\"true\",\"nodeType\":\"vrni-platform\",\"nodeid\":\"vrni-platform-release\",\"user\":\"consoleuser\"}", "nodes": [] }, { "name": "vrni", "consumption": "{\"editable\":\"true\",\"nodeType\":\"vrni-platform\",\"nodeid\":\"vrni-platform-release\",\"user\":\"admin@local\"}", "nodes": [] }, { "name": "vrops", "consumption": "{\"editable\":\"true\",\"nodeType\":\"master\",\"nodeid\":\"lcm2-187-37.sqa.local\",\"user\":\"root\"}", "nodes": [] }, {

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          "nodes": []
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          "nodes": []
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          "nodes": []
        },
        {
          "name": "vrni",
          "consumption": "{\"editable\":\"true\",\"nodeType\":\"vrni-
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          "nodes": []
        }
      ]
    }
  ]
}
```

Loads paginated ungrouped references information of a Locker Entity	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/locker/api/v2/references/ungrouped/{vmid} Request parameter : vmid : 2c692f41-7b78-437f-8325-322350daeedc size : 4 from : 0 typeQuery : [blank by default, optional] sortBy : [blank by default, optional] Response code : 200 OK Response body : { "page": 0, "total": 16, "references": [{ "vmid": "b25cd8d6-8237-4ce4-bda8-ed50ca76f2c5", "lockerId": "2c692f41-7b78-437f-8325-322350daeedc", "envId": "vRSSmallImportEnvironment1595601218016", "destinationName": "vra", "referenceType": "password", "meta": "{\"editable\":\"true\",\"nodeType\":\"vrava-primary\",\"nodeid\":\"lcm2-187-32.sqa.local\",\"user\":\"root\"}", "type": "node", "envName": "vRS Small Import Environment" }, { "vmid": "a3b89157-57c0-4f67-9a7b-8688d4e372f4", "lockerId": "2c692f41-7b78-437f-8325-322350daeedc", "envId": "vRSSmallImportEnvironment1595601218016", "destinationName": "vrbc", "referenceType": "password", "meta": "{\"editable\":\"true\",\"nodeType\":\"vrb-server\",\"nodeid\":\"lcm2-187-36.sqa.local\",\"user\":\"root\"}", "type": "node", "envName": "vRS Small Import Environment" }, { "vmid": "f55b48d1-fd1c-4b5d-bac4-9900195a4067",

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		"meta":
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		},
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		"destinationName": "vrli",
		"referenceType": "password",
		"meta":
		"{\"editable\":\"true\",\"inventoryOnly\":\"false\",\"user\":\"admin\"}",
		"type": "product",
		"envName": "vRS Small Import Environment"
		}
		]
		}

Source Mapping Operation APIs

Name	HTTP Method	Endpoint	Description

Get all product binaries	POST	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/lcops/api/v2/settings/product-binaries
		Request body : "ovfDeploymentSourceConfigDTO"
		{
		"sourceLocation": "10.153.164.9:/vCloudSuiteDeployment/binaries/OVA",
		"sourceType": "NFS"
		}
		
		Response code : 200 OK
		Response body :
		[
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		"name": "Prelude_VA-8.0.0.6619-14842736_OVF10.ova",
		"filePath": "/data/nfsfiles/Prelude_VA-8.0.0.6619-14842736_OVF10.ova",
		"type": "install"
		},
		{
		"name": "Prelude_VA-8.0.1.7355-15294185_OVF10.ova",
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		{
		"name": "Prelude_VA-8.1.0.9326-15986821_OVF10.ova",
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		"type": "install"
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		{
		"name": "Prelude_VA-8.2.0.12417-16694458-updaterepo.iso",
		"filePath": "/data/nfsfiles/Prelude_VA-8.2.0.12417-16694458-updaterepo.iso",
		"type": "upgrade"
		},
		{
			Here "**sourceType**" can be "**Local**", "**windows**" or "**NFS**"

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    "type": "upgrade"
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8.0.1.15331178.pak",
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VA-8.x-to-8.0.1.15331178.pak",
    "type": "upgrade"
  },
  {
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8.1.0.15972143.pak",
    "filePath": "/data/nfsfiles/vRealize_Operations_Manager-
VA-8.x-to-8.1.0.15972143.pak",
    "type": "upgrade"
  },
  {
    "name": "vRealize_Operations_Manager-VA-8.x-to-
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    "filePath": "/data/nfsfiles/vRealize_Operations_Manager-
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    "type": "upgrade"
  },
  {
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    "filePath": "/data/nfsfiles/vidm.ova",
    "type": "install"
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  {
    "name": "vmware-MPforSDDCHealth-8.1-15995854.pak",
    "filePath": "/data/nfsfiles/vmware-MPforSDDCHealth-8.1-
15995854.pak",
    "type": "upgrade"
  },
  {
    "name": "vmware-idm-connector-3.3.2.0.zip",
```

		"filePath": "/data/nfsfiles/vmware-idm-connector-3.3.2.0.zip",
		"type": "upgrade"
		},
		{
		"name": "vra_16694458.ova",
		"filePath": "/data/nfsfiles/vra_16694458.ova",
		"type": "install"
		}
		]	

Download product binary from local or NFS	POST	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/lcops/api/v2/settings/product-binaries/download
		Request body : "productBinaryDTOs"
		[
		  {
		  "filePath": "/data/nfsfiles/Prelude_VA-8.0.0.6619-14842736_OVF10.ova",
		  "name": "Prelude_VA-8.0.0.6619-14842736_OVF10.ova",
		  "type": "install"
		  },
		  {
		  "filePath": "/data/nfsfiles/VMware-vRealize-Network-Insight-5.0.0.1568279774-platform.ova",
		  "name": "VMware-vRealize-Network-Insight-5.0.0.1568279774-platform.ova",
		  "type": "install"
		  },
		  {
		  "filePath": "/data/nfsfiles/identity-manager-3.3.0.0-10084102-updaterepo.zip",
		  "name": "identity-manager-3.3.0.0-10084102-updaterepo.zip",
		  "type": "upgrade"
		  }
		]
		
		Response code : 200 OK
		Response body :
		{
		  "requestId": "d1b7341c-e3bb-4049-b5a8-1bf9118c79ab"
		}	

Get all My VMware product binaries	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/lcops/api/v2/settings/my-vmware/product-binaries Response code : 200 OK Response body : [{ "productId": "vidm", "productVersion": "3.3.2", "productBinaryType": "upgrade", "productBinaryPath": null, "componentName": null, "mappingType": null, "productName": "VMware Identity Manager", "requestId": null, "removeBinary": null }, { "productId": "vidm", "productVersion": "3.3.2", "productBinaryType": "Install", "productBinaryPath": null, "componentName": null, "mappingType": null, "productName": "VMware Identity Manager", "requestId": null, "removeBinary": null }, { "productId": "vidm", "productVersion": "3.3.3", "productBinaryType": "upgrade", "productBinaryPath": null, "componentName": null, "mappingType": null, "productName": "VMware Identity Manager", "requestId": null, "removeBinary": null }, { "productId": "vidm",	Make sure atleast one myvmware account is added.

```
    "productVersion": "3.3.3",
    "productBinaryType": "Install",
    "productBinaryPath": null,
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    "mappingType": null,
    "productName": "VMware Identity Manager",
    "requestId": null,
    "removeBinary": null
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    "productBinaryType": "upgrade",
    "productBinaryPath": null,
    "componentName": null,
    "mappingType": null,
    "productName": "vRealize Automation",
    "requestId": null,
    "removeBinary": null
  },
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    "componentName": null,
    "mappingType": null,
    "productName": "vRealize Automation",
    "requestId": null,
    "removeBinary": null
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  {
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    "productBinaryType": "upgrade",
    "productBinaryPath": null,
    "componentName": null,
    "mappingType": null,
    "productName": "vRealize Automation",
    "requestId": null,
```

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

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    "requestId": null,
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    "requestId": null,
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  "removeBinary": null
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{
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```

		"mappingType": null,
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		},
		{
		"productId": "vidm",
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		"productBinaryPath": null,
		"componentName": null,
		"mappingType": null,
		"productName": "VMware Identity Manager",
		"requestId": null,
		"removeBinary": null
		}
		]	

Download My VMware product binary	POST	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/lcops/api/v2/settings/my-vmware/product-binaries/download
		Request body : "sourceMappingResultDTOs"
		[{
		"productId": "vidm",
		"productVersion": "3.3.2",
		"productBinaryType": "Install",
		"productBinaryPath": null,
		"componentName": null,
		"mappingType": null,
		"productName": "VMware Identity Manager",
		"requestId": null,
		"removeBinary": null
		}
		]
		
		Response code : 200 OK
		Response body :
		{
		"requestId": "61c2fcc0-b6c2-4708-85fc-0a0e9112207d"
		}	

Data Center Operation APIs

Name	HTTP Method	Endpoint	Description

Create a Data Center	POST	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/datacenters
		`Request Body : "dataCenterRequestDTO"`
		
		`{ "dataCenterName": "BLR", "primaryLocation": "Bangalore;Karnataka;IN;12.97194;77.59369" }`
		
		`Response code : 200 OK`	

Get all Data Centers	GET	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/datacenters
		Response code : 200 OK
		Response body :
		[
		  {
		  "dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",
		  "dataCenterName": "BLR",
		  "primaryLocation": "Bangalore;Karnataka;IN;12.97194;77.59369"
		  },
		  {
		  "dataCenterVmid": "e76c15f4-0285-4801-ba4c-6032ff63f9f8",
		  "dataCenterName": "SingaporeDC",
		  "primaryLocation": "Singapore;;SG;1.28967;103.85007"
		  }
		]	

Update a Data Center	PUT	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/datacenters/{dataCenterVmid}
		Request body :
		{
		"dataCenterName": "BLR",
		"primaryLocation": "Warud;Maharashtra;IN;21.47101;78.26965"
		}
		
		Response code : 200 OK	

Get a Data Center from ID or Name	GET	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/datacenters/{dataCenterVmid}
		1. By Name :
		Request parameter :
		dataCenterVmid : BLR
		
		Response code : 200 OK
		Response body :
		{
		"dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",
		"dataCenterName": "BLR",
		"primaryLocation": "Bangalore;Karnataka;IN;12.97194;77.59369"
		}
		
		2. By ID :
		Request parameter :
		dataCenterVmid : ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2
		
		Response code : 200 OK
		Response body :
		{
		"dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",	

		"dataCenterName": "BLR", "primaryLocation": "Bangalore;Karnataka;IN;12.97194;77.59369" }	

Delete a Data Center	DELETE	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/datacenters/{dataCenterVmid}
		Request parameter :
		dataCenterVmid : ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2
		
		Response code : 200 OK
		Response body :
		{
		"requestId": "04eef002-5e9b-4baf-bafb-efa294a42e29"
		}	

Get all Environments associated with a Data Center	GET	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/datacenters/{dataCenterVmid}/environments
		Request parameter :
		dataCenterVmid : ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2
		
		Response code : 200 OK
		Response body :
		[
		  {
		  "environmentId": "globalenvironment",
		  "environmentName": "globalenvironment",
		  "environmentHealth": null,
		  "logHistory": null,
		  "environmentStatus": "COMPLETED",
		  "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",
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		"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",
		"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", "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-VC-Password", "cpuCount": "2", "resourcePool": null, "canBeDeleted": "true",	

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,

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252",
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                "__vMoid":
"vm-27422"
            }
          }
        ],
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Get all vCenters	GET	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/datacenters/{dataCenterVmid}/vcenters
		Request parameter :
		dataCenterVmid : ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2
		
		Response code : 200 OK
		Response body :
		[
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		"vcUsedAs": "MANAGEMENT",
		
		"vcDataCollectionStatus": "SUCCESS"
		}
		]	

Create a vCenter	POST	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/datacenters/{dataCenterVmid}/vcenters
		Request parameter :
		dataCenterVmid : ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2
		
		Request body :
		"vCenterRequestDTO"
		{
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		"vCenterHost": "lcm-vc2.sqa.local",
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		"vcPassword": "VMware1!",
		"vcUsedAs": "MANAGEMENT"
		}
		Response code : 200 OK	

Get vCenter Details	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/lcops/api/v2/datacenters/{dataCenterVmid}/vcenters/{vCenterName} Request parameter : dataCenterVmid : ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2 vCenterName : VC1 Response code : 200 OK Response body : { "vCenterName": "VC4", "vCenterHost": "wdc-lcm-vc.sqa.local", "vcUsedAs": "MANAGEMENT", "version": "6.5.0", "vcUsername": "administrator@vsphere.local", "vcPassword": "locker:password:314c2f02-27a7-4d94-b178-e0dda61e4c88:VMware-Default-Password", "dataCollectionStatus": null, "vCDataCenters": [{ "vcDataCenterName": "LCM-Datacenter", "hosts": [], "clusters": [{ "hosts": [	

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},
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    }
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    {
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    },
    {
      "name": "DeployDB-
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    },
    {
      "name": "vgadre"
    },
    {
      "name": "windows-
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    {
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"Windows_sri"
    },
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		"contentLibraryId": "b734fcd8-4852-4466-8bcc-5417001c1853",
		
		"contentLibraryItems": [
		{
		
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		"contentLibraryItemId": "ea53645f-fd15-4ceb-a339-20d01c7e057c"
		},
		{
		
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		"contentLibraryItemId": "635d76c0-fc19-4b2a-a1f4-c132f21149c1"
		},
		{
		
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		"contentLibraryItemId": "895e2435-4b79-4eee-8aa0-ce01200f6c2e"
		}
		]
		}	

		], "name": "VC4" }	

Update a vCenter	PUT	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/datacenters/{dataCenterVmid}/vcenters/{vCenterName}
		Request parameter :
		dataCenterVmid : ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2
		vCenterName : VC1
		
		Request body :
		"vCenterRequestDTO"
		{
		"vCenterHost": "lcm-vc2.sqa.local",
		"vcUsername": "administrator@vsphere.local",
		"vcPassword": "VRSLCM1!",
		"vcUsedAs": "MANAGEMENT"
		}
		
		Response code : 200 OK
		Response body :
		{
		"requestId": "04eef002-5e9b-4baf-bafb-efa294a42e29"
		}	

Delete a vCenter	DELETE	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/datacenters/{dataCenterVmid}/vcenters/{vCenterName}
		`Request parameter :`
		`dataCenterVmid : ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2`
		`vCenterName : VC1`
		
		`Response code : 200 OK`
		`Response body :`
		`{`
		`  "requestId": "04eef002-5e9b-4baf-bafb-efa294a42e29"`
		`}`	

Trigger vCenter Data Collection	POST	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/datacenters/{dataCenterVmid}/vcenters/{vCenterName}/data-collection
		`Request parameters :`
		
		`dataCenterVmid : ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2`
		`vCenterName : VC1`
		
		`Response code : 200 OK`
		`Response body :`
		`{`
		`  "requestId": "31ea6050-5f55-438b-a0f3-bfd90db8483a"`
		`}`	

Get All Environments Associated with a vCenter	GET	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/datacenters/{dataCenterVmid}/vcenters/{vCenterName}/environments
		Request parameters :
		
		dataCenterVmid : ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2
		vCenterName : VC3
		
		Response code : 200 OK
		Response body :
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		  {
		  "environmentId": "globalenvironment",
		  "environmentName": "globalenvironment",
		  "environmentHealth": null,
		  "logHistory": null,
		  "environmentStatus": "COMPLETED",
		  "infrastructure": {
		  "properties": {
		  "regionName": "default",
		  "dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",
		  "zoneName": "default",
		  "defaultPassword": "locker:password:314c2f02-27a7-4d94-b178-	

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e0dda61e4c88:VMware-
Default-Password"
      }
    },
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      {
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        "version":
"3.3.2",
        "patchHistory":
null,
        "snapshotHistory":
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        "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":
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atastore01",
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"netmask": "255.255.255.0",
"__vMoid": "vm-27422"
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},
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"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,
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"searchpath": "sqa.local",
"netmask": "255.255.255.0",
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		"__vidmHasExternalConnectors": "false",
		
		"__vidmFormFactor": "true"
		}
		}
		]
		},
		{
		"environmentId": "vRSSmallImportEnvironment1595601218016",
		"environmentName": "vRS Small Import Environment",
		"environmentHealth": "{\n \"environmentId\" : \"vRSSmallImportEnvironment1595601218016\",\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": "COMPLETED",
		"infrastructure": {
		"properties": {	

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		}
		},
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		{
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		"version": "8.0.1",
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		"snapshotHistory": null,
		"logHistory": null,
		"clusterVIP": null,
		"nodes": [
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		"type": "vrava-primary",
		"properties": {
		"hostName": "lcm2-187-32.sqa.local",
		"cluster": "ESO_VC07_Cluster_07",
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"memory": "32",
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"network": "WDC_HAAS_VM_VLAN1100",
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"affinityRules": null,

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"cpuCount": "8",

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Version": "6.5.0",

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"vcUsername":
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,

"folderName": null,
                "gateway":
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"vm-27427",

"__verified": "true"
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YW5hZ2VyIExvY2tlciBDQTEPMA
0G\nA1UECgwGVk13YXJlMQswCQ
YDVQQGEwJJTjAeFw0yMDA1MDYx
```

		MDEyNTdaFw0yMjA1\nMDYxMDEy NTdaMGkxEjAQBgNVBAMMCXNxYS 5sb2NhbDENMAsGA1UECwwEQ01C VTEP\nMA0GA1UECgwGVk13YXJl MRIwEAYDVQQHDAlCYW5nYWxvcm UxEjAQBgNVBAgMCUth\ncm5hdG FrYTELMAkGA1UEBhMCSU4wggEi MA0GCSqGSIb3DQEBAQUAA4IBDw AwggEK\nAoIBAQCfn+EBp7UUHy b/UW59Xo7fDXCuIUryZoXeTww0 pD6h2VjAZV3mGzugyCoS\n/i4q LSTS3MfyGCIkJHQHAaBVVnYAS8 AeELEYw0fxvYD6tEvj9xnMgg5/ JW048cYi\n30bwNZGcCZ+DUTDM zJqsbHCkz7UIOXCrh4EQqqgSaA VGsHtK0ecZPsqn3qceoqYY\n1o VegDOTUpJ8VbqgYvXbZW1TKaTA aWpIem4B1LsH5lzPjfP3iPncXD Ej0EnuDa8b\n7PElb/PCjkffwX /lddiTlINW7lqem5MabYzS19QJ coQUM0F/WrGMJQYWCmj1cAoJ\n J9r1lCJwUPcXD5TsQwYAYqFNcv TtAgMBAAGjgaUwgaIwHQYDVR0O BBYEFDk4WuCa\nDCnzU7aI2trF IwAUNliuMB8GA1UdIwQYMBaAFA 78sVbblKCPVHbEadopppTTWcmV \nMCAGA1UdEQQZMBeCFWxjbTIt MTg3LTMyLnNxYS5sb2NhbDAOBg NVHQ8BAf8EBAMC\nBaAwIAYDVR 0lAQH/BBYwFAYIKwYBBQUHAwIG CCsGAQUFBwMBMAwGA1UdEwEB/w QC\nMAAwDQYJKoZIhvcNAQELBQ ADggEBAHBzTGBZ+6k2TcFPXkrw hqn8POJ6qcj/Z+5/\n4nDUsGHr xDL62G0BzkPggdI+8iRw9RaROg /pb6rtAhqafaV7zxocXNen7lZh OPyb\nv/KxNiChb+JkPuOoPvo/ rVz0JY/UzE9bEuAU3jy7Tg8Y4T 6M08jUesKibEccJ7JY\nQ3oLQT AmAYsrneTOv+Ep2T+6q+Ro9nf6	

		sDAeqD0xVI0yVJgmGdAmmxqXhC v0bthb\nTxCXTwyGN7JnYhHVNg YTN3IlduB/m9PMJFidYFH7j1ol wudcBPZBztqpwr0xJL4s\n8Jz2 1mOqEjpQnNl+PaGVKIPgWispzL spz6YHkRGU0tcLWcSNX7A=\n-- ---END CERTIFICATE-----\n- ----BEGIN CERTIFICATE----- \nMIIDiTCCAnGgAwIBAgIGAXHp TrmMMA0GCSqGSIb3DQEBCwUAMF MxMzAxBgNVBAMM\nKnZSZWFsaX plIFN1aXRlIExpZmVjeWNsZSBN YW5hZ2VyIExvY2tlciBDQTEPMA 0G\nA1UECgwGVk13YXJlMQswCQ YDVQQGEwJJTjAeFw0yMDA1MDYw OTI2MjJaFw0yMjA1\nMDYwOTI2 MjJaMFMxMzAxBgNVBAMMKnZSZW FsaXplIFN1aXRlIExpZmVjeWNs ZSBN\nYW5hZ2VyIExvY2tlciBD QTEPMA0GA1UECgwGVk13YXJlMQ swCQYDVQQGEwJJTjCC\nASIwDQ YJKoZIhvcNAQEBBQADggEPADCC AQoCggEBAMBMjwSD+nPTkbgYZC 2o95v7\n2dnTKv4HC2Zyv2vFYr bFBVr4BB/f3FonEuaJ0bT/e/3H +KExMzWslL3dLZ1EF2s8\n87nX 7WNAmvsHTyaJIi/NqySUwmhr5/ kMkRIHX73+nz5ksmpsK0bQCFCv Eqj7ripw\n5CiePXJbBWvm3uIm 6C2/A83OHE3K8b2M+sDKCNUh+j n2IJxRfyXPBbJB5dk99SFV\nC4 7ZgtFbhUZf6/LulSxJgQAC4wNw rKMtMqctU26oOn0P647pmxnKzK tev7nNRkMw\nU7PUOC0MlgEh8x cw6/odFIvYpz2n/SU0JOljohc9 SLgdI7Rt+1Ug1OJK2VSD3pUC\n AwEAAaNjMGEwHQYDVR0OBBYEFA 78sVbblKCPVHbEadopppTTWcmV MB8GA1UdIwQY\nMBaAFA78sVbb lKCPVHbEadopppTTWcmVMA8GA1	

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		],
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		<pre> }]</pre>	

Validate vCenter Details	POST	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/datacenters/{dataCenterVmid}/vcenters/validate
		<pre>Request parameters :
		dataCenterVmid : d7689aa2-8b4d-4c60-a560-d733a089c558
		vCenterName : VC1
		
		Request body :
		{
		  "vCenterName": "VC1",
		  "vCenterHost": "lcm-vc.sqa.local",
		  "vcUsername": "devuser@vsphere.local",
		  "vcPassword": "locker:password:65b3111f-5512-4915-b68c-d1c0fde2f86e:VC2-password",
		  "vcUsedAs": "MANAGEMENT"
		}
		
		Response code : 200 OK
		Response body :
		{
		  "requestId": "0fb80ba6-0e0f-42a1-84ff-d30d3705f362"
		}</pre>	

Import vCenters using a JSON/CSV File	POST	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/datacenters/{dataCenterVmid}/vcenters/import
		Request parameters :
		dataCenterVmid : 768be52e-09b8-4ec9-a8b2-4510c236fdd3
		vCenterImportFile : vCenters.json
		
		Response code : 200 OK
		Response body :
		[
		  {
		  "vCenterHost": "lcm-vc2.sqa.local",
		  "vCenterName": "vCenter2",
		  "vcPassword": "VMware",
		  "vcUsedAs": "MANAGEMENT",
		  "vcUsername": "devuser@vsphere.local"
		  },
		  {
		  "vCenterHost": "lcm-vc1.sqa.local",
		  "vCenterName": "vCenter1",
		  "vcPassword": "Vmware5!",
		  "vcUsedAs": "MANAGEMENT",	

		"vcUsername": "administrator@vsphere.local" }]	

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

		"vcUsername": "administrator@vsphere.local" }]	"vcUsername": "administrator@vsphere.local" }]

Product Policy Operation APIs

Name	HTTP Method	Endpoint
Get All Supported Versions	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/lcops/api/v2/policy/products/{productId}/versions Request parameter : productId : vra Response code : 200 OK Response body : ["8.0.1", "8.1.0", "8.2.0"]

Get All Node Types	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/lcops/api/v2/policy/products/{productId}/versions/{version}/node-types Request parameter : productId : vra version: 8.1.0 Response code : 200 OK Response body : ["vrava-primary", "vrava-secondary"]

Environment Operation APIs

Name	HTTP Method	Endpoint	Description

Get all Environments	GET	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments
		Request parameter :
		status : COMPLETED
		
		Response code : 200 OK
		Response body:
		[
		  {
		  "environmentId": "globalenvironment",
		  "environmentName": "globalenvironment",
		  "environmentHealth": null,
		  "logHistory": null,
		  "environmentStatus": "COMPLETED",
		  "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",
			Here "**status**" can be **COMPLETED, FAILED or INPROGRESS**

		"version": "3.3.2",
		"patchHistory": null,
		
		"snapshotHistory": null,
		"logHistory": null,
		"clusterVIP": null,
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		"properties": {
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		"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",
		"capacity": "60.2",
		
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              "__vMoid":
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            }
          },
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            "properties":
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"w1-hs1-
g0312.eng.vmware.com",
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"ESXI Version": "6.5.0",
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"vcUsername": "sampaths.admin@sqa.local",

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}
}
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		"ntp": "ntp1.eng.vmware.com", "vrliClusterVips": "", "rootPassword": "locker:password:2c692f41-7b78-437f-8325-322350daeedc:Products-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,\"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\",\"8.1.0\",\"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\"],\"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": "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", "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",
"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_vsanDatastore01",
		"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", "vmName": "dgnaneswaran_SS_small_vrni_platform", "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,
		
		"certificateChain": "-----BEGIN CERTIFICATE-----
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		8PrimX+yoaVrclJfqa9P2UdWh RwtfDMZ6LDf7ZOMtI1Af2Ho7K KNOG1tnoyh\nII90P1KPoBLH3 pZujrR/3uMuxzNidED8nIy659 A2jGyYkS03JN6mBjcYrYFBhe6 P\nKiTH288PUqK5IJJPg9ZlzZ KreJHxAgMBAAGjgZswgZgwHQY DVR0OBBYEFO1eLmfZ\nT+R8Nd aUzMNM8gdyh/RPMB8GA1UdIwQ YMBaAFA78sVbblKCPVHbEadop ppTTWcmV\nMBYGA1UdEQQPMA2 CCyouc3FhLmxvY2FsMA4GA1Ud DwEB/wQEAwIFoDAgBgNVHSUB\ nAf8EFjAUBggrBgEFBQcDAgYI KwYBBQUHAwEwDAYDVR0TAQH/B AIwADANBgkqhkiG\n9w0BAQsF AAOCAQEAdJhVYXaop1TiHtH24 6pDNA7sfcJWJr5SoA5zLEsy+l U9CaN1\nLdw/PtqbUM0E7lxj1 MQpMEpD4iL2uimAi9rtTxjj7K xS6IW/mKNlJoqNGRXpk32P\n9 /Nc3ZOHOYGABonRlJhoLGWNmX Llrh8AVtVG2Hxp4M58ulEijHb EEQop4TmkoMJj\nsBeJmjvF+t ZDp81LuoGbPak2goQLdUIAdS8 +ja4dLDQLBIOnNMvVa9TSTctE HQDf\nTvTiJdQijlPTtJBhUww AOR+aGQFiFJUtzyYqCFW5ra3d HnVYuEnhppdbpzVkPoNQ\nhb9 5oiGDM4ql5uEd9Dh1qm76T8pg YmeUzYpaZA==\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", "masterVidmEnabled": "false", "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}", "licenseVmid": "34256b6a-c470-48fe-8298-526c23d4f295"	

		} }] }]	

Create an Environment	POST	/lcm/lcops/api/v2/environments
		Deployments
		vROPS
		Request body : "environmentRequestDTO"
		{
		"environmentName": "vrops_large_deployments",
		"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": "",
		"acceptEULA": "true",
		"enableTelemetry": "true",
		"adminEmail": "abc@vmware.com",
		"defaultPassword": "",
		"certificate": "",
			Deployments
			vROPS
			DiskMode :-
			Thin Deployments - "diskMode": "thin"
			Thick Deployments - "diskMode": "thick"
			Integrate with vidm :-
			"masterVidmEnabled": "true"
			"masterVidmEnabled": "false"
			TimeSync Mode :
			For ntp time sync mode :
			"timeSyncMode": "ntp",
			"ntp": "ntp1.eng.vmware.com"
			For setting hostTime as time sync mode:
			"timeSyncMode": "host"

		"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",
		"domain": "sqa.local",
		"gateway": "10.196.57.253",
		"netmask": "255.255.254.0",
		"searchpath": "sqa.local",
		"timeSyncMode": "ntp",
		"ntp": "ntp1.eng.vmware.com",
		"isDhcp": "false"
		}
		},
		"products": [
		{
		"id": "vrops",
		"version": "8.0.1",
		"properties": {
		"licenseRef": "locker:license:eab62-bc21-643cf0b9cafa:license",
			Deployment Type :
			
			Extra Small : "deployOption": "xsmall"
			
			Small : "deployOption": "small"
			
			Large : "deployOption": "large"
			
			Extra large : "deployOption": "xlarge"
			
			Locker Items:
			
			Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.
			
			Locker reference will typically in the below format:
			
			Password:
			
			locker:password:<vmid>:<alias>

		"certificate": "locker:certificate:f4e98b983:vmware",
		
		"productPassword": "locker:password:d21-d9de2c10:VMware1!",
		"disableTls": "",
		"timeSyncMode": "ntp",
		
		"masterVidmEnabled": false,
		"ntp": "ntp1.eng.vmware.com",
		"affinityRule": false,
		
		"configureAffinitySeparateAll": "true",
		"deployOption": "large",
		"fipsMode": "true"
		},
		"clusterVIP": {
		"clusterVips": []
		},
		"nodes": [
		{
		"type": "remotecollector",
		"properties": {
		"vmName": "vrops-remotecollector",
		"hostName": "sqa.local",
		
		"deployOption": "smallrc",
			Certificate:
			
			locker:certificate:<vmid>:<alias>
			
			License:
			
			locker:license:<vmid>:<alias>
			
			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.
			
			vROPs replica node deployment is High Availability, we can do HA deployment during install flow or during scale out flow

		"ip": "4.4.4.4", "gateway": "2.2.2.2", "domain": "2.2.2.2", "searchpath": "2.2.2.2", "dns": "10.141.66.213", "netmask": "2.2.2.2", "extendedStorage": "", "timeZone": "", "ntp": "", "vCenterHost": "lcm-vc1.sqa.local", "cluster": "Datacenter-01#Cluster-01", "resourcePool": "", "folderName": "", "network": "dvs-55-Network-314b11d9-c958-4aa2-af98-cd5439a970d7", "storage": "ISCSI-15TB-02", "diskMode": "thin", "contentLibraryItemId": "", "vCenterName": "lcm-vc1",	Deploy Nodes in Different vCenter: Add all the properties under node type as shown for remotecollector node. vRLI **DiskMode :-** Thin Deployments - "diskMode": "thin" Thick Deployments - "diskMode": "thick" **Integrate with vidm :-** "masterVidmEnabled": "true" "masterVidmEnabled": "false" **TimeSync Mode :** For ntp time sync mode : "timeSyncMode": "ntp", "ntp": "ntp1.eng.vmware.com"

		"vcUsername": "devuser@vsphere.local", "vcPassword": "locker:password:4984d8e4-825b-4694-99cf-db80b41b5ac2:vc-password" } }, { "type": "master", "properties": { "vmName": "mastervmname", "hostName": "lcm-57-68.sqa.local", "ip": "10.196.57.68" } }, { "type": "replica", "properties": { "vmName": "replicavmname", "hostName": "lcm-57-69.sqa.local", "ip": "10.196.57.69" } }, { "type": "data", "properties": { "vmName": "datavmname", "hostName": "lcm-57-70.sqa.local",	For setting hostTime as time sync mode: "timeSyncMode": "host" **Deployment Type :** Standard or Cluster **Locker Items:** Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs. Locker reference will typically in the below format: **Password**: `locker:password:<vmid>:<alias>` **Certificate**:

		"ip": "10.196.57.70"
		}
		}
		]
		}
		]
		}
		
		Response code : 200 OK
		Response Body :
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}
		vRLI
		Request Body : "environmentRequestDTO"
		
		{
		"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",
			locker:certificate:<vmid>:<alias>
			
			License:
			
			locker:license:<vmid>:<alias>
			
			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.
			
			vRBC
			
			DiskMode :-
			
			Thin Deployments - "diskMode": "thin"
			
			Thick Deployments - "diskMode": "thick"
			
			Integrate with vidm :-
			
			"masterVidmEnabled": "true"
			
			"masterVidmEnabled": "false"

		"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": "", "resourcePool": "", "diskMode": "thin", "network": "infra-traffic-1024", "masterVidmEnabled": "false", "dns": "10.141.66.213,10.118.183.252", "domain": "sqa.local", "gateway": "10.196.57.253", "netmask": "255.255.254.0", "searchpath": "sqa.local",	**TimeSync Mode :** For ntp time sync mode : "timeSyncMode": "ntp", "ntp": "ntp1.eng.vmware.com" For setting hostTime as time sync mode: "timeSyncMode": "host" **Deployment Type :** Standard **Locker Items:** Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs. Locker reference will typically in the below format: **Password**:

		"timeSyncMode": "host",
		"ntp": "",
		"isDhcp": "false"
		}
		},
		"products": [
		{
		"id": "vrli",
		"version": "8.0.0",
		"properties": {
		"certificate": "locker:certificate:49b8f38fd2bdf35b0a:vm",
		"productPassword": "locker:password:811-c6032ee9c5bb:VMware1!",
		"licenseRef": "locker:license:93a380ce-081c-411ca58f8ddb:license",
		"nodeSize": "small",
		"configureClusterVIP": "false",
		"affinityRule": false,
		"isUpgradeVmCompatibility": true,
		"vrliAlwaysUseEnglish": false,
		"masterVidmEnabled": true,
			locker:password:<vmid>:<alias>
			
			Certificate:
			
			locker:certificate:<vmid>:<alias>
			
			License:
			
			locker:license:<vmid>:<alias>
			
			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.
			
			vRA 8.x
			
			DiskMode :-
			
			Thin Deployments - "diskMode": "thin"
			
			Thick Deployments - "diskMode": "thick"

		"configureAffinitySeparateAll": "true",
		"ntp": "",
		"timeSyncMode": "host",
		"fipsMode": "true"
		},
		"clusterVIP": {
		"clusterVips": [
		{
		"type": "vrli-cluster-1",
		"properties": {
		"hostName": "fqdm1.sqa.local",
		"ip": "3.3.3.3"
		}
		},
		{
		"type": "vrli-cluster-2",
		"properties": {
		"hostName": "fqdm2.sqa.local",
		"ip": "4.4.4.4"
		}
		}
		]
		},
		"nodes": [
		{
		"type": "vrli-worker",
		"properties": {
			Deployment Type : (Standard, Cluster)
			
			Locker Items:
			
			Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.
			
			Locker reference will typically in the below format:
			
			Password:
			
			`locker:password:<vmid>:<alias>`
			
			Certificate:
			
			`locker:certificate:<vmid>:<alias>`
			
			License:
			
			`locker:license:<vmid>:<alias>`

		"vmName": "vrli-worker-2", "hostName": "lcm-57-68.sqa.local", "ip": "10.196.57.68" } }, { "type": "vrli-worker", "properties": { "vmName": "vrli-worker-1", "hostName": "lcm-57-69.sqa.local", "ip": "10.196.57.69" } }, { "type": "vrli-master", "properties": { "vmName": "vrli-master-1", "hostName": "lcm-57-70.sqa.local", "ip": "10.196.57.70" } }] }] } Response code : 200 OK Response Body : {	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. vIDM **DiskMode :-** Thin Deployments - "diskMode": "thin" Thick Deployments - "diskMode": "thick" **Deployment Type : (Standard, Cluster)** **Locker Items:** Locker items such as password, certificates, licenses should be

		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}
		vRBC
		Request body : "environmentRequestDTO"
		{
		"environmentName": "vrbc_env",
		"infrastructure": {
		"properties": {
		"dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",
		"regionName": "default",
		"zoneName": "default",
		"vCenterName": "lcm-vc2",
		"vCenterHost": "lcm-vc2.sqa.local",
		"vcUsername": "devuser@vsphere.local",
		"vcPassword": "locker:password:4984d8e4-825b-4694-99cf-db80b41b5ac2:vc-password",
		"acceptEULA": "true",
		"enableTelemetry": "true",
		"adminEmail": "rvishnuvardh@vmware.com",
		"defaultPassword": "locker:password:4984d8e4
			created. Refer section 3 for Locker related APIs.
			
			Locker reference will typically in the below format:
			
			Password:
			`locker:password:<vmid>:<alias>`
			Certificate:
			`locker:certificate:<vmid>:<alias>`
			License:
			`locker:license:<vmid>:<alias>`
			
			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.

		-825b-4694-99cf-db80b41b5ac2:vc-password",
		"certificate": "locker:certificate:971f4dfb-ec39-4f1d-b61a-2f9d42d9ec5e:Ranjitha",
		"cluster": "Datacenter#Cluster-01",
		"storage": "ISCSI-15TB-04",
		"folderName": "",
		"resourcePool": "",
		"diskMode": "thin",
		"network": "infra-traffic-1024",
		
		"masterVidmEnabled": "false",
		"dns": "10.141.66.213",
		"domain": "2.2.2.2",
		"gateway": "2.2.2.2",
		"netmask": "2.2.2.2",
		"searchpath": "2.2.2.2",
		"timeSyncMode": "host",
		"ntp": "",
		"isDhcp": "false"
		}
		},
		"products": [
		{
		"id": "vrbc",
		"version": "7.6.0",
		"properties": {
			vRNI
			
			DiskMode :-
			
			Thin Deployments - "diskMode": "thin"
			
			Thick Deployments - "diskMode": "thick"
			
			Integrate with vidm :-
			
			"masterVidmEnabled": "true"
			
			"masterVidmEnabled": "false"
			
			TimeSync Mode :
			
			For ntp time sync mode :
			
			"timeSyncMode": "ntp",
			
			"ntp": "ntp1.eng.vmware.com"
			
			For setting hostTime as time sync mode: NA
			
			Deployment Type : (Standard or Cluster)

		"certificate": "locker:certificate:971f4dfb-ec39-4f1d-b61a-2f9d42d9ec5e:Ranjitha",
		
		"contentLibraryItemId": "",
		
		"productPassword": "locker:password:4984d8e4-825b-4694-99cf-db80b41b5ac2:vc-password",
		"licenseRef": "locker:license:82026bee-b2aa-42bc-a9c7-2000aabda280:prod-lic",
		"currency": "AED - UAE Dirham",
		"vrbAuthType": "standalone",
		"timeSyncMode": "host",
		"ntp": "",
		"affinityRule": false,
		
		"configureAffinitySeparateAll": "true"
		},
		"clusterVIP": {
		"clusterVips": []
		},
		"nodes": [
		{
		"type": "vrb-server",
		"properties": {
		"vmName": "vrb-server",
			Locker Items:
			
			Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.
			
			Locker reference will typically in the below format:
			
			Password:
			
			`locker:password:<vmid>:<alias>`
			
			Certificate:
			
			`locker:certificate:<vmid>:<alias>`
			
			License:
			
			`locker:license:<vmid>:<alias>`
			
			VMID which you will get as a response of the Locker creation API and alias would be the one

		"hostName": "sqa.local", "ip": "5.5.5.5" } }] }] } Response code : 200 OK Response Body : { "requestId":"5fcv194a-6e1f-4772-a97d-af300ad5086c" } vRA 8.x Request Body : "environmentRequestDTO" { "environmentName": "vra_deployment", "infrastructure": { "properties": { "dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2", "regionName": "default",	which is provided in the request payload for the locker api. Imports vROPS **Locker Items:** Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs. Locker reference will typically in the below format: **Password**: locker:password:<vmid>:<alias> **Certificate**: locker:certificate:<vmid>:<alias>

		"zoneName": "default", "vCenterName": "LCM-VC2", "vCenterHost": "lcm-vc2.sqa.local", "vcUsername": "autouser@vsphere.local", "vcPassword": "locker:password:1a72829r-LCM-VC2-Import-vCenter", "acceptEULA": "true", "enableTelemetry": "true", "adminEmail": "abc@vmware.com", "defaultPassword": "locker:password:81fb2ee9c5bb:VMware1!", "certificate": "locker:certificate:49b8ff35b0a:vm", "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", "domain": "sqa.local",	**License**: locker:license:<vmid>:<alias> 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. vRLI **Locker Items:** Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs. Locker reference will typically in the below format: **Password**:

		"gateway": "10.196.57.253",
		"netmask": "255.255.254.0",
		"searchpath": "sqa.local",
		"timeSyncMode": "host",
		"ntp": "",
		"isDhcp": "false"
		}
		},
		"products": [
		{
		"id": "vra",
		"version": "8.1.0",
		"properties": {
		"certificate": "locker:certificate:49b8b2-98ba-c1d2bdf35b0a:vm",
		"productPassword": "locker:password:81f41d9c5bb:VMware1!",
		"licenseRef": "locker:license:c2cbdd94-0c38-4e6e-90b0-1e86104c14ca:lic",
		"fipsMode" : "true"
		},
		"clusterVIP": {
		"clusterVips": []
		},
		"nodes": [
		{
		"type": "vrava-primary",
		"properties": {
			locker:password:<vmid>:<alias>
			
			Certificate:
			
			locker:certificate:<vmid>:<alias>
			
			License:
			
			locker:license:<vmid>:<alias>
			
			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.
			
			vRBC
			
			Locker Items:
			
			Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.

		"vmName": "vrava-primary", "hostName": "lcm-57-68.sqa.local", "ip": "10.196.57.68" } }, { "type": "vrava-secondary", "properties": { "vmName": "vrava-secondary", "hostName": "lcm-57-69.sqa.local", "ip": "10.196.57.69" } }, { "type": "vrava-secondary", "properties": { "vmName": "vrava-secondary", "hostName": "lcm-57-67.sqa.local", "ip": "10.196.57.67" } }] }] } Response code : 200 OK Response Body : {	Locker reference will typically in the below format: **Password**: locker:password:<vmid>:<alias> **Certificate**: locker:certificate:<vmid>:<alias> **License**: locker:license:<vmid>:<alias> 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. vRA 7.x **Locker Items:**

		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}
		vIDM
		Request Body :
		"environmentRequestDTO"
		{
		"environmentName": "globalenvironment",
		"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:609cb1a8:DC1-LCM-VC2-Import-vCenter",
		"acceptEULA": "true",
		"enableTelemetry": "true",
		"adminEmail": "abc@vmware.com",
		"defaultPassword": "locker:password:d224d62c10:VMware1!",
			Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.
			
			Locker reference will typically in the below format:
			
			Password:
			
			locker:password:<vmid>:<alias>
			
			Certificate:
			
			locker:certificate:<vmid>:<alias>
			
			License:
			
			locker:license:<vmid>:<alias>
			
			VMID which you will get as a response of the Locker creation API and alias would be the one

		"certificate": "locker:certificate:0e8a-80e9-9acf78b1d2c6:vm",
		"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",
		"domain": "sqa.local",
		"gateway": "10.196.57.253",
		"netmask": "255.255.254.0",
		"searchpath": "sqa.local",
		"timeSyncMode": "host",
		"ntp": "",
		"isDhcp": "false"
		}
		},
		"products": [
		{
		"id": "vidm",
		"version": "3.3.2",
		"properties": {
		
		"vidmAdminPassword": "locker:password:d228-
			which is provided in the request payload for the locker api.
			
			vRA 8.x
			
			Locker Items:
			
			Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.
			
			Locker reference will typically in the below format:
			
			Password:
			
			locker:password:<vmid>:<alias>
			
			Certificate:
			
			locker:certificate:<vmid>:<alias>
			
			License:

		ae91-d9de9bd62c10:VMware1!",
		
		"syncGroupMembers": false,
		
		"defaultConfigurationUsername": "configadmin",
		
		"defaultConfigurationPassword": "locker:password:d222c10:VMware1!",
		"certificate": "locker:certificate:0ee3fce5-de0b-448a-80e9-b1d2c6:vm"
		},
		"clusterVIP": {
		"clusterVips": [
		{
		"type": "vidm-lb",
		"properties": {
		"hostName": "lcm-69.sqa.local"
		}
		},
		{
		"type": "vidm-delegate",
		"properties": {
		"ip": "10.196.57.68"
		}
		}
		]
		},
			locker:license:<vmid>:<alias>
			
			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.
			
			vIDM
			
			Locker Items:
			
			Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.
			
			Locker reference will typically in the below format:
			
			Password:
			
			locker:password:<vmid>:<alias>

		"nodes": [
		{
		"type": "vidm-secondary",
		"properties": {
		"vmName": "vidm-secondary",
		"hostName": "sqa.local",
		"ip": "4.4.4.4",
		"gateway": "3.3.3.3",
		"domain": "3.3.3.3",
		"searchpath": "3.3.3.3",
		"dns": "10.141.66.213,10.118.183.252",
		"netmask": "3.3.3.3",
		"contentLibraryItemId": "",
		"vCenterHost": "lcm-vc1.sqa.local",
		"cluster": "Datacenter-01#Cluster-01",
		"resourcePool": "",
		"folderName": "",
		"network": "dvs-55-Network-314b11d9-c958-4aa2-af98-cd5439a970d7",
			Certificate:
			
			locker:certificate:<vmid>:<alias>
			
			License:
			
			locker:license:<vmid>:<alias>
			
			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.
			
			vRNI
			
			Locker Items:
			
			Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.
			
			Locker reference will typically in the below format:

		"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" }
		},
		{
		"type": "vidm-connector", "properties": {
		"hostName": "lcm-69.sqa.local",
		
		"isDomainJoined": true,
		
		"domainAdmin": "DOMAIN\\configadmin",
		
		"domainAdminPassword": "locker:password:d22698a0:VMware1!",
		
		"adminUserName": "", "vmName": "vidm-connector",
		
		"vidmConnectorName": "windows",
		
		"vidmConnectorAdminPasswo
			Password:
			
			locker:password:<vmid>:<alias>
			
			Certificate:
			
			locker:certificate:<vmid>:<alias>
			
			License:
			
			locker:license:<vmid>:<alias>
			
			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.

		rd":"locker:password:a1b8
		436:VMware1!200",
		
		"adminPassword": ""
		}
		},
		{
		"type": "vidm-
		secondary",
		"properties": {
		"vmName":
		"vidm-secondary",
		"hostName":
		"lcm-69.sqa.local",
		"ip":
		"10.196.57.69"
		}
		},
		{
		"type": "vidm-
		primary",
		"properties": {
		"vmName":
		"vidm-primary",
		"hostName":
		"lcm-57.sqa.local",
		"ip":
		"10.196.57.68"
		}
		}
		]
		}
		]
		}
		
		Response code : 200 OK
		Response Body :
		{	

		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}
		vRNI
		Request Body :
		"environmentRequestDTO"
		{
		"environmentName": "vRNI_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:1a72b1b-40:kar-LCM-VC2-Import-vCenter",
		"acceptEULA": "true",
		"enableTelemetry": "true",
		"adminEmail": "abc@vmware.com",
		"defaultPassword": "locker:password:81fb1-c6032ee9c5bb:VMware1!",	

```
      "certificate":
"locker:certificate:49b8f
38f-2bdf35b0a:vm",
      "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",
      "domain":
"sqa.local",
      "gateway":
"10.196.57.253",
      "netmask":
"255.255.254.0",
      "searchpath":
"sqa.local",
      "timeSyncMode":
"host",
      "ntp": "",
      "isDhcp": "false"
    }
  },
  "products": [
    {
      "id": "vrni",
      "version": "5.1.0",
      "properties": {
        "ntp": "",
        "certificate":
"locker:certificate:49bfe
```

		-43b2-98ba-c1d2bdf35b0a:vm",
		
		"productPassword": "locker:password:81f-af91-c6032ee9c5bb:VMware1!",
		"licenseRef": "locker:license:6b6-9cfa-3b8a920b99d3:vRNI",
		"affinityRule": false,
		
		"configureAffinitySeparateAll": "true",
		
		"masterVidmEnabled": false
		},
		"clusterVIP": {
		"clusterVips": []
		},
		"nodes": [
		{
		"type": "vrni-platform",
		"properties": {
		"vmName": "vrni-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"
		}
		The linked image cannot be displayed. The file may have been moved, renamed, o...Imports
		The linked image cannot be displayed. The file may have been moved, renamed, o...vROPS
		Request Body : "environmentRequestDTO"
		{
		"environmentName": "vrops_import_env",
		"infrastructure": {
		"properties": {
		"dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",
		"regionName": "default",
		"zoneName": "default",
		"vCenterName": "",	

		"vCenterHost": "",
		"vcUsername": "",
		"vcPassword": "",
		"acceptEULA": "false",
		"enableTelemetry": "true",
		"adminEmail": "abc@vmware.com",
		"defaultPassword": "",
		"certificate": "",
		"cluster": "",
		"storage": "",
		"folderName": "",
		"resourcePool": "",
		"diskMode": "",
		"network": "",
		"masterVidmEnabled": "false",
		"dns": "",
		"domain": "",
		"gateway": "",
		"netmask": "",
		"searchpath": "",
		"timeSyncMode": "host",
		"ntp": "",
		"isDhcp": "false"
		}
		},
		"products": [
		{
		"id": "vrops",
		"version": "8.0.1",
		"properties": {
		"vropsMasterNodeIP": "10.196.57.68",	

		"vCenterList":"",
		
		"vropsAdminPassword": "locker:password:81fb3628-bdad-c6032ee9c5bb:VMware1!",
		"rootPassword": "locker:password:1fb3628-bdad-41d9-af91-c5bb:VMware1!",
		"isImport": "true"
		},
		"clusterVIP": {
		"clusterVips": []
		},
		"nodes": []
		}
		]
		}
		
		Response code : 200 OK
		Response Body:
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}
		The linked image cannot be displayed. The file may have been moved, renamed, o...vRLI
		Request Body : "environmentRequestDTO"
		{
		"environmentName": "vrli_import_env",
		"infrastructure": {
		"properties": {
		"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-c6032ee9c5bb:VMware1!", "certificate": "", "cluster": "", "storage": "", "folderName": "", "resourcePool": "", "diskMode": "", "network": "", "masterVidmEnabled": "false", "dns": "", "domain": "", "gateway": "", "netmask": "", "searchpath": "", "timeSyncMode": "host", "ntp": "", "isDhcp": "false" } }, "products": [	

		{
		"id": "vrli",
		"version": "8.0.0",
		"properties": {
		"vrliHostName": "lcm-57.sqa.local",
		"vCenterList": "",
		"vrliAdminPassword": "locker:password:81fb3628-bdad-4c5bb:VMware1!",
		"rootPassword": "locker:password:81fb3628-bdad-49c5bb:VMware1!",
		"isImport": "true"
		},
		"clusterVIP": {
		"clusterVips": []
		},
		"nodes": []
		}
		]
		}
		
		Response code : 200 OK
		Response Body :
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}
		The linked image cannot be displayed. The file may have been moved, renamed, o... vRBC
		Request Body : "environmentRequestDTO"
		{
		"environmentName": "vRBC_import_env",	

		"infrastructure": {
		"properties": {
		"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": "",
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		"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:81fb3628032ee9c5bb: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"
		{
		"environmentName": "vRA_import_env",
		"infrastructure": {
		"properties": {
		"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",
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		"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": "",
		"isImport": "true"
		},
		"clusterVIP": {
		"clusterVips": []
		},
		"nodes": []
		}
		]
		}
		
		Response code : 200 OK
		Response Body :
		{	

		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}
		vRA 8.x
		Request Body : "environmentRequestDTO"
		{
		"environmentName": "vra_import_env",
		"infrastructure": {
		"properties": {
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		"regionName": "default",
		"zoneName": "default",
		"vCenterName": "",
		"vCenterHost": "",
		"vcUsername": "",
		"vcPassword": "",
		"acceptEULA": "false",
		"enableTelemetry": "true",
		"adminEmail": "rvishnuvardh@vmware.com",
		"defaultPassword": "locker:password:81fb36032ee9c5bb:VMware1!",
		"certificate": "",
		"cluster": "",
		"storage": "",
		"folderName": "",
		"resourcePool": "",
		"diskMode": "",	

		"network": "",
		
		"masterVidmEnabled": "false",
		"dns": "",
		"domain": "",
		"gateway": "",
		"netmask": "",
		"searchpath": "",
		"timeSyncMode": "host",
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		"isDhcp": "false"
		}
		},
		"products": [
		{
		"id": "vra",
		"version": "8.1.0",
		"properties": {
		
		"vraImportVersion": "8.0.0",
		
		"cafeHostNamePrimary": "lcm-57.sqa.local",
		
		"cafeRootPasswordPrimary": "locker:password:81fb36-c6032ee9c5bb:VMware1!",
		"tenantName": "vsphere.local",
		"vCenterList": "[{\"vCenterHost\":\"lcm-vc1.sqa.local\",\"vcUsername\":\"autouser@vsphere.local\",\"vcPassword\":\"locker:password:49ff4234-e77c-48d2-8027-	

		bba0514fe511:LCM-VC-Password\"}]",
		"isImport": "true"
		},
		"clusterVIP": {
		"clusterVips": []
		},
		"nodes": []
		}
		]
		}
		
		Response code : 200 OK
		Response Body :
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}
		The linked image cannot be displayed. The file may have been moved, renamed, o...vIDM
		Request Body : "environmentRequestDTO"
		{
		"environmentName": "globalenvironment",
		"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:609cb1528:DC1-LCM-VC2-Import-vCenter", "acceptEULA": "true", "enableTelemetry": "true", "adminEmail": "rvishnuvardh@vmware.com", "defaultPassword": "locker:password:d224e64f-e43810:VMware1!", "certificate": "locker:certificate:0ee3fce5-de0b-448a-80e9-9acf78b1d2c6:vm", "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", "domain": "sqa.local", "gateway": "10.196.57.253",	

		"netmask": "255.255.254.0", "searchpath": "sqa.local", "timeSyncMode": "host", "ntp": "", "isDhcp": "false" } }, "products": [{ "id": "vidm", "version": "3.3.2", "properties": { "hostName": "lcm-57.sqa.local", "vidmSystemAdminPassword": "locker:password:d224e64f-d62c10:VMware1!", "vidmAdminPassword": "locker:password:d224e6462c10:VMware1!", "vidmSshPassword": "locker:password:d224e64f-e438-462c10:VMware1!", "vidmRootPassword": "locker:password:d224e64fbd62c10: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"
		}
		The linked image cannot be displayed. The file may have been moved, renamed, o...vRNI
		Request Body : "environmentRequestDTO"
		{
		"environmentName": "vrni_import_env",
		"environmentHealth": null,
		"logHistory": null,
		"infrastructure": {
		"properties": {
		"dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",	

		"regionName": "default", "zoneName": "default", "vCenterName": "", "vCenterHost": "", "vcUsername": "", "vcPassword": "", "acceptEULA": "false", "enableTelemetry": "true", "adminEmail": "abc@vmware.com", "defaultPassword": "locker:password:81fb3628-bdee9c5bb:VMware1!", "certificate": "", "cluster": "", "storage": "", "folderName": "", "resourcePool": "", "diskMode": "", "network": "",
		
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		}
		},
		"products": [
		{	

		"id": "vrni",
		"version": "5.1.0",
		"properties": {
		"platformIP": "10.196.57.68",
		"vrniPlatformUserName": "configadmin",
		"vrniPlatformPassword": "",
		"supportPassword": "",
		"consolePassword": "",
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		"isImport": "true"
		},
		"clusterVIP": {
		"clusterVips": []
		},
		"nodes": []
		}
		]
		}
		
		Response code : 200 OK
		Response Body :
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}	

Update Environment Name	PATCH	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments
		
		Request body :
		"updateEnvironmentDTO"
		
		{
		"environmentId": "9c88ba3d-23c9-4b6c-8c45-f4338fb0a073",
		"environmentName": "vROPSImportEnvironment"
		}
		
		Response code : 200 OK
		
		Response body :
		
		{
		"vmid": "7d8a112c-f50b-4d32-9dd7-8e976195901d",
		"transactionId": null,
		"environmentName": "vROPSImportEnvironment",
		"environmentId": "9c88ba3d-23c9-4b6c-8c45-f4338fb0a073",
		"state": null,
		"status": "COMPLETED",	

		"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\":\"\",\"clu	

		ster\":\"\",\"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\\\",\\\"descripti	

		on\\\":\\\"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\\\":\\\"8.0.1\\\",\\\"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\\\":\\\"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-	

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		QEAKUWGEnqq3xtXtEq0WuZ4vl QA3XKPLHtb89z6uUh1bq0+\\n L/aKzeL5LIaR77kVq8oiVxlka MmNvHtiW+NxoNpkEbs1iR0eW3 URhdve0ZZDY/pd\\n4ouuF0pY yUAb2nQLuK/bsV8V99r1MecER oCnZBYW+hLWGzKGl95fEFE6Ue uWLlTb\\nCHXQYWjVgyE7hnla 3la/1d8Ka2f14lW37pi7d5Yqq u4V2+Im8GdsjTLWCGPPc7v+\\ nqQqMqzXhE8hF+xJ8Dd7s0v2D uF5K7WdkG6gF7t1BiYykX1St1 g3Zt6VW2VFzpreS\\njd1K48+ fFmf5NTQYe3WoC+Meu4e0Kzdr zNJG/8YT0A==\\n-----END CERTIFICATE-----\\n----- BEGIN CERTIFICATE----- \\nMIIDiTCCAnGgAwIBAgIGAX LG2Cr8MA0GCSqGSIb3DQEBCwU AMFMxMzAxBgNVBAMM\\nKnZSZ WFsaXplIFN1aXRlIExpZmVjeW NsZSBNYW5hZ2VyIExvY2tlciB DQTEPMA0G\\nA1UECgwGVk13Y XJlMQswCQYDVQQGEwJJTjAeFw 0yMDA2MTgwOTUyMzVaFw0zMDA 2\\nMTYwOTUyMzVaMFMxMzAxB gNVBAMMKnZSZWFsaXplIFN1aX RlIExpZmVjeWNsZSBN\\nYW5h Z2VyIExvY2tlciBDQTEPMA0GA 1UECgwGVk13YXJlMQswCQYDVQ QGEwJJTjCC\\nASIwDQYJKoZI hvcNAQEBBQADggEPADCCAQoCg gEBAI+pvkX8muVzNNpYwjt+1i P8\\nPUPkShX53OPEEvU5ey/o BtJfVcvWWS57mHaSVARHspwEH qpRjpFETMCHwdsikDxB\\ngIA Yj12CDxDtPmGK36z63pM8oLJo 5MxbYRVHjdp4LAINpIwcrZkZv mKBM2dWBjOB\\nRHDPbINkcDk 540fVxxeGjr7CZvOrkV8WYYKK	

		G/F3q+ez9N6AdYffLszKRYqHV InD\\ngHC/BsDe0BEPu03IFPn kRunl6o2+BoVQ7Fg6hzP23he9 IF0fGY8ispJ4O8j/a4tI\\nk7 +IsOAVMXRSr/5YvWWyF2AZHxA s0PYowPdvjjHPU+HHfR72pVIV ntxAUK4t0QMC\\nAwEAAaNjMG EwHQYDVR0OBBYEFLz4m09pNCM Ip5IohqvsDoI+oIkWMB8GA1Ud IwQY\\nMBaAFLz4m09pNCMIp5 IohqvsDoI+oIkWMA8GA1UdEwE B/wQFMAMBAf8wDgYDVR0P\\nA QH/BAQDAgGGMA0GCSqGSIb3DQ EBCwUAA4IBAQCCOku6XDT9Eew rQyDp/XGa+dsM\\nPnBukiBsP O+Sm30Bgw2fDzk4qdmKsI/JGv WfrI631afZWtmCADetI32vNI1 /dcSq\\ntANg3bac+F7Z0VIkV ynSzAIewNkdylh+18MlQ719ah 9GKMe5cHAUoM8/lfhDEkFH\\n jKI5XYMEwOeiZIREX8XDJ5eIZ TAKui2LQPuDjUwnzQBF0mGNl2 FufimwwBfOx47N\\nLlL+5AlH K396NNOydyWTyeEYn357Krp1U TweomvQU55xu4TbYoYVuAfzwy /6IEq0\\nP9bsqrn1FYUC8gWr jArwD6cRt1jn7/fmUnh/nJ7HE JDYpN8s0giQjEaCl9rN\\n--- --END CERTIFICATE----- \\n\",\"__productId\":\"v rops\",\"ntp\":\"lcm-34- 241.sqa.local\",\"masterV idmEnabled\":\"false\",\" license\":\"H109R-40391- M828D-0PARH- 2EUMY,\",\"affinityRule\" :\"false\",\"__version\": \"8.2.0\",\"disableTls\": \"TLSv1,TLSv1.1\",\"lates tPatchVersion\":\"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,\\\"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\"}}]}",
		  "dataCenterVmid": "768be52e-09b8-4ec9-a8b2-4510c236fdd3",
		  "dataCenterName": null
		}	

Get Environment by ID or Name	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/lcops/api/v2/environments/{environmentId} Request parameter : environmentId : globalenvironment Response code : 200 OK Response body : { "vmid": "4676438b-3256-47b2-b7a9-e14e83735a3f", "transactionId": null, "environmentName": "globalenvironment", "environmentId": "globalenvironment", "state": null, "status": "COMPLETED", "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\",\"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\",\"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_VC	

		07_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-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\",\"certif	

		icateChain\":\"-----BEGIN CERTIFICATE----- \\nMIID2DCCAsCgAwIBAgIGAXHpeVwiMA0GCSqGSIb3DQEBCwUAMFMxMzAxBgNVBAMM\\nKnZSZWFsaXplIFN1aXRlIExpZmVjeWNsZSBNYW5hZ2VyIExvY2tlciBDQTEPMA0G\\nA1UECgwGVk13YXJlMQswCQYDVQQGEwJJTjAeFw0yMDA1MDYxMDEyNTZaFw0yMjA1\\nMDYxMDEyNTZaMGkxEjAQBgNVBAMMCXNxYS5sb2NhbDENMAsGA1UECwwEQ01CVTEP\\nMA0GA1UECgwGVk13YXJlMRIwEAYDVQQHDAlCYW5nYWxvcmUxEjAQBgNVBAgMCUth\\ncm5hdGFrYTELMAkGA1UEBhMCSU4wggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEK\\nAoIBAQC/4TVWqfOTGZsigEbPaApMLnns2RDzFgBr26/BB+lq0P0SeiRdTlorR3nf\\nJ/RgZUUpxg+mFrgwWnbsfiXr7OklwCHbSyrZpwIlCMJ/lK+I97rkkWKL66fTrojz\\nfKurQtWbimiEoAsLx0oWMFRl4n52N5G7P1InS57BNectzheuU+31e9xq6+Sgc6aB\\n4tsV8PrimX+yoaVrclJfqa9P2UdWhRwtfDMZ6LDf7ZOMtI1Af2Ho7KKNOG1tnoyh\\nII90P1KPoBLH3pZujrR/3uMuxzNidED8nIy659A2jGyYkS03JN6mBjcYrYFBhe6P\\nKiTH288PUqK5IJJPg9ZlzZKreJHxAgMBAAGjgZswgZgwHQYDVR0OBBYEFO1eLmfZ\\nT+R8NdaUzMNM8gdyh/RPMB8GA1UdIwQYMBaAFA78sVbblKCPVHbEadopppTTWcmV\\nMBYGA1UdEQQPMA2CCyouc3FhLmxvY2FsMA4GA1UdDwEB/wQEAwIFoDAgBgNVHSUB\\nAf8EFjAUB	

		ggrBgEFBQcDAgYIKwYBBQUHAw EwDAYDVR0TAQH/BAIwADANBgk qhkiG\\n9w0BAQsFAAOCAQEAd JhVYXaop1TiHtH246pDNA7sfc JWJr5SoA5zLEsy+lU9CaN1\\n Ldw/PtqbUM0E7lxj1MQpMEpD4 iL2uimAi9rtTxjj7KxS6IW/mK NlJoqNGRXpk32P\\n9/Nc3ZOH OYGABonRlJhoLGWNmXLlrh8AV tVG2Hxp4M58ulEijHbEEQop4T mkoMJj\\nsBeJmjvF+tZDp81L uoGbPak2goQLdUIAdS8+ja4dL DQLBIOnNMvVa9TSTctEHQDf\\ nTvTiJdQijlPTtJBhUwwAOR+a GQFiFJUtzyYqCFW5ra3dHnVYu EnhppdbpzVkPoNQ\\nhb95oiG DM4ql5uEd9Dh1qm76T8pgYmeU zYpaZA==\\n-----END CERTIFICATE-----\\n----- BEGIN CERTIFICATE----- \\nMIIDiTCCAnGgAwIBAgIGAX HpTrmMMA0GCSqGSIb3DQEBCwU AMFMxMzAxBgNVBAMM\\nKnZSZ WFsaXplIFN1aXRlIExpZmVjeW NsZSBNYW5hZ2VyIExvY2tlciB DQTEPMA0G\\nA1UECgwGVk13Y XJlMQswCQYDVQQGEwJJTjAeFw 0yMDA1MDYwOTI2MjJaFw0yMjA 1\\nMDYwOTI2MjJaMFMxMzAxB gNVBAMMKnZSZWFsaXplIFN1aX RlIExpZmVjeWNsZSBN\\nYW5h Z2VyIExvY2tlciBDQTEPMA0GA 1UECgwGVk13YXJlMQswCQYDVQ QGEwJJTjCC\\nASIwDQYJKoZI hvcNAQEBBQADggEPADCCAQoCg gEBAMBMjwSD+nPTkbgYZC2o95 v7\\n2dnTKv4HC2Zyv2vFYrbF BVr4BB/f3FonEuaJ0bT/e/3H+ KExMzWslL3dLZ1EF2s8\\n87n X7WNAmvsHTyaJIi/NqySUwmhr	

		5/kMkRIHX73+nz5ksmpsK0bQC FCvEqj7ripw\\n5CiePXJbBWv m3uIm6C2/A83OHE3K8b2M+sDK CNUh+jn2IJxRfyXPBbJB5dk99 SFV\\nC47ZgtFbhUZf6/LulSx JgQAC4wNwrKMtMqctU26oOn0P 647pmxnKzKtev7nNRkMw\\nU7 PUOC0MlgEh8xcw6/odFIvYpz2 n/SU0JOljohc9SLgdI7Rt+1Ug 1OJK2VSD3pUC\\nAwEAAaNjMG EwHQYDVR0OBBYEFA78sVbblKC PVHbEadopppTTWcmVMB8GA1Ud IwQY\\nMBaAFA78sVbblKCPVH bEadopppTTWcmVMA8GA1UdEwE B/wQFMAMBAf8wDgYDVR0P\\nA QH/BAQDAgGGMA0GCSqGSIb3DQ EBCwUAA4IBAQBlWaHg6XJOQmj WtAGcrWLgg6lC\\nD+n1WagYm 3RcWPt60C3Tvw2L7TLdZ6KCzF z4zO819odopmnbMTbtRkhFcgJ 4/0vW\\nYn0bqGxO8H+8BhSyn 96lqIlhYDwaaRzEt55Rl23FgK l8Iw2cJEryR0gbHgyvhWpY\\n 9cX5rLWBT2KFKVwn+6c3sLX6g mKxP+Gi6iePopvguJdEufOTQj mZ4NfxLsW8S9p2\\n5hrLY5kU 7DC74BE+JNY80O1dxtz/Qr4+1 6Xq/pbz/jvU6ti1P6JohKTmTM nBtQBc\\nET4isPjqmvC7+0G3 h9HcnnXw01oI+asr9a+s/MYuT jR1K8wXdMQLl3+0FObQ\\n--- --END CERTIFICATE----- \\n\",\"__isTenantByPath\ ":\"false\",\"vidmAdminPa ssword\":\"locker:passwor d:314c2f02-27a7-4d94- b178-e0dda61e4c88:VMware- Default- Password\",\"defaultConfi gurationPassword\":\"lock	

		er:password:314c2f02-27a7-4d94-b178-e0dda61e4c88:VMware-Default-Password\",\"vidmDomainName\":\"sqa.local\",\"__isMigrationRequest\":\"false\",\"syncGroupMembers\":\"true\",\"adminEmail\":null,\"vidmOAuthServiceClientId\":\"Service__OAuth2Client\",\"vidmOAuthServiceClientSecret\":\"wrxXl5RMGYnrhyRk0EE9tiI5upiebQBn\",\"__isTenancyEnabled\":\"false\",\"vidmDBType\":\"postgresql\",\"__vidmIsExternalDB\":\"false\",\"__vidmHasExternalConnectors\":\"false\",\"__vidmFormFactor\":\"true\"}}]}",
		  "dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",
		  "dataCenterName": null
		}	

Add Product to Environment	POST	/lcm/lcops/api/v2/environments/{environmentId}/products
		Deployments
		vROPS
		Request parameter : environmentId : "3893440f-2442-442d-81a2-f4cb9fa9d08f"
		Request body : "environmentRequestDTO"
		{
		"environmentName": "vrops_large_deployments",
		"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": "",
		"acceptEULA": "true",
		"enableTelemetry": "true",
			Deployments
			vROPS
			DiskMode :-
			Thin Deployments - "diskMode": "thin"
			Thick Deployments - "diskMode": "thick"
			Integrate with vidm :-
			"masterVidmEnabled": "true"
			"masterVidmEnabled": "false"
			TimeSync Mode :
			For ntp time sync mode :
			"timeSyncMode": "ntp",
			"ntp": "ntp1.eng.vmware.com"
			For setting hostTime as time sync mode:
			"timeSyncMode": "host"

		"adminEmail": "abc@vmware.com",
		"defaultPassword": "",
		"certificate": "",
		"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",
		"domain": "sqa.local",
		"gateway": "10.196.57.253",
		"netmask": "255.255.254.0",
		"searchpath": "sqa.local",
		"timeSyncMode": "ntp",
		"ntp": "ntp1.eng.vmware.com",
		"isDhcp": "false"
		}
		},
		"products": [
		{
		"id": "vrops",
		"version": "8.0.1",
		"properties": {
			Deployment Type :
			
			Extra Small : "deployOption": "xsmall"
			
			Small : "deployOption": "small"
			
			Large : "deployOption": "large"
			
			Extra large : "deployOption": "xlarge"
			
			Locker Items:
			
			Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.
			
			Locker reference will typically in the below format:
			
			Password:
			
			`locker:password:<vmid>:<alias>`

		"licenseRef": "locker:license:eab62-bc21-643cf0b9cafa:license",
		"certificate": "locker:certificate:f4e98b983:vmware",
		
		"productPassword": "locker:password:d21-d9de2c10:VMware1!",
		"disableTls": "",
		"timeSyncMode": "ntp",
		
		"masterVidmEnabled": false,
		"ntp": "ntp1.eng.vmware.com",
		"affinityRule": false,
		
		"configureAffinitySeparateAll": "true",
		"deployOption": "large"
		},
		"clusterVIP": {
		"clusterVips": []
		},
		"nodes": [
		{
		"type": "remotecollector",
		"properties": {
		"vmName": "vrops-remotecollector",
		"hostName": "sqa.local",
			Certificate:
			
			`locker:certificate:<vmid>:<alias>`
			
			License:
			
			`locker:license:<vmid>:<alias>`
			
			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.
			
			vROPs replica node deployment is High Availability, we can do HA deployment during install flow or during scale out flow

		"deployOption": "smallrc", "ip": "4.4.4.4", "gateway": "2.2.2.2", "domain": "2.2.2.2", "searchpath": "2.2.2.2", "dns": "10.141.66.213", "netmask": "2.2.2.2", "extendedStorage": "", "timeZone": "", "ntp": "", "vCenterHost": "lcm-vc1.sqa.local", "cluster": "Datacenter-01#Cluster-01", "resourcePool": "", "folderName": "", "network": "dvs-55-Network-314b11d9-c958-4aa2-af98-cd5439a970d7", "storage": "ISCSI-15TB-02", "diskMode": "thin",	Deploy Nodes in Different vCenter: Add all the properties under node type as shown for remotecollector node. vRLI **DiskMode :-** Thin Deployments - "diskMode": "thin" Thick Deployments - "diskMode": "thick" **Integrate with vidm :-** "masterVidmEnabled": "true" "masterVidmEnabled": "false" **TimeSync Mode :** For ntp time sync mode : "timeSyncMode": "ntp", "ntp": "ntp1.eng.vmware.com"

		"contentLibraryItemId": "",
		
		"vCenterName": "lcm-vc1",
		"vcUsername": "devuser@vsphere.local",
		"vcPassword": "locker:password:4984d8e4-825b-4694-99cf-db80b41b5ac2:vc-password"
		}
		},
		{
		"type": "master",
		"properties": {
		"vmName": "mastervmname",
		"hostName": "lcm-57-68.sqa.local",
		"ip": "10.196.57.68"
		}
		},
		{
		"type": "replica",
		"properties": {
		"vmName": "replicavmname",
		"hostName": "lcm-57-69.sqa.local",
		"ip": "10.196.57.69"
		}
		},
		{
		"type": "data",
		"properties": {
			For setting hostTime as time sync mode:
			
			"timeSyncMode": "host"
			
			Deployment Type :
			
			Standard or Cluster
			
			Locker Items:
			
			Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.
			
			Locker reference will typically in the below format:
			
			Password:
			
			locker:password:<vmid>:<alias>
			
			Certificate:

		"vmName": "datavmname",
		"hostName": "lcm-57-70.sqa.local",
		"ip": "10.196.57.70"
		}
		}
		]
		}
		]
		}
		
		Response code : 200 OK
		Response Body :
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}
		vRLI
		Request parameter : environmentId : "2a06cdd4-6f97-4aec-9643-fd68abde1397"
		Request Body : "environmentRequestDTO"
		{
		"environmentName": "vrli_deployment",
		"infrastructure": {
		"properties": {
		"dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",
		"regionName": "default",
		"zoneName": "default",
			locker:certificate:<vmid>:<alias>
			
			License:
			
			locker:license:<vmid>:<alias>
			
			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.
			
			vRBC
			
			DiskMode :-
			
			Thin Deployments - "diskMode": "thin"
			
			Thick Deployments - "diskMode": "thick"
			
			Integrate with vidm :-
			
			"masterVidmEnabled": "true"
			
			"masterVidmEnabled": "false"

		"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": "", "resourcePool": "", "diskMode": "thin", "network": "infra-traffic-1024", "masterVidmEnabled": "false", "dns": "10.141.66.213,10.118.183.252", "domain": "sqa.local",	**TimeSync Mode :** For ntp time sync mode : "timeSyncMode": "ntp", "ntp": "ntp1.eng.vmware.com" For setting hostTime as time sync mode: "timeSyncMode": "host" **Deployement Type :** Standard **Locker Items:** Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs. Locker reference will typically in the below format: **Password**: locker:password:<vmid>:<alias>

		"gateway": "10.196.57.253",
		"netmask": "255.255.254.0",
		"searchpath": "sqa.local",
		"timeSyncMode": "host",
		"ntp": "",
		"isDhcp": "false"
		}
		},
		"products": [
		{
		"id": "vrli",
		"version": "8.0.0",
		"properties": {
		"certificate": "locker:certificate:49b8f38fd2bdf35b0a:vm",
		"productPassword": "locker:password:811-c6032ee9c5bb:VMware1!",
		"licenseRef": "locker:license:93a380ce-081c-411ca58f8ddb:license",
		"nodeSize": "small",
		"configureClusterVIP": "false",
		"affinityRule": false,
		"isUpgradeVmCompatibility": true,
			Certificate:
			
			`locker:certificate:<vmid>:<alias>`
			
			License:
			
			`locker:license:<vmid>:<alias>`
			
			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.
			
			vRA 8.x
			
			DiskMode :-
			
			Thin Deployments - "diskMode": "thin"

		"vrliAlwaysUseEnglish": false,
		
		"masterVidmEnabled": true,
		
		"configureAffinitySeparateAll": "true",
		"ntp": "",
		"timeSyncMode": "host"
		},
		"clusterVIP": {
		"clusterVips": [
		{
		"type": "vrli-cluster-1",
		"properties": {
		"hostName": "fqdm1.sqa.local",
		"ip": "3.3.3.3"
		}
		},
		{
		"type": "vrli-cluster-2",
		"properties": {
		"hostName": "fqdm2.sqa.local",
		"ip": "4.4.4.4"
		}
		}
		]
		},
		"nodes": [
			Thick Deployments - "diskMode": "thick"
			
			Deployment Type : (Standard, Cluster)
			
			Locker Items:
			
			Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.
			
			Locker reference will typically in the below format:
			
			Password:
			
			locker:password:<vmid>:<alias>
			
			Certificate:
			
			locker:certificate:<vmid>:<alias>

		{
		"type": "vrli-worker",
		"properties": {
		"vmName": "vrli-worker-2",
		"hostName": "lcm-57-68.sqa.local",
		"ip": "10.196.57.68"
		}
		},
		{
		"type": "vrli-worker",
		"properties": {
		"vmName": "vrli-worker-1",
		"hostName": "lcm-57-69.sqa.local",
		"ip": "10.196.57.69"
		}
		},
		{
		"type": "vrli-master",
		"properties": {
		"vmName": "vrli-master-1",
		"hostName": "lcm-57-70.sqa.local",
		"ip": "10.196.57.70"
		}
		}
		]
		}
		]
		}
			License:
			
			`locker:license:<vmid>:<alias>`
			
			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.
			
			vRNI
			
			DiskMode :-
			
			Thin Deployments - "diskMode": "thin"
			
			Thick Deployments - "diskMode": "thick"
			
			Integrate with vidm :-
			
			"masterVidmEnabled": "true"
			
			"masterVidmEnabled": "false"
			
			TimeSync Mode :

		Response code : 200 OK
		Response Body :
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}
		vRBC
		Request parameter : environmentId : "adb18af9-046e-47fa-b968-4e2c26403e8e"
		Request body : "environmentRequestDTO"
		{
		"environmentName": "vrbc_env",
		"infrastructure": {
		"properties": {
		"dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",
		"regionName": "default",
		"zoneName": "default",
		"vCenterName": "lcm-vc2",
		"vCenterHost": "lcm-vc2.sqa.local",
		"vcUsername": "devuser@vsphere.local",
		"vcPassword": "locker:password:4984d8e4-825b-4694-99cf-db80b41b5ac2:vc-password",
			For ntp time sync mode :
			
			"timeSyncMode": "ntp",
			
			"ntp": "ntp1.eng.vmware.com"
			
			For setting hostTime as time sync mode: NA
			
			Deployment Type : Standard or Cluster
			
			Locker Items:
			
			Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.
			
			Locker reference will typically in the below format:
			
			Password:
			
			locker:password:<vmid>:<alias>
			
			Certificate:

		"acceptEULA": "true",
		"enableTelemetry": "true",
		"adminEmail": "rvishnuvardh@vmware.com",
		"defaultPassword": "locker:password:4984d8e4-825b-4694-99cf-db80b41b5ac2:vc-password",
		"certificate": "locker:certificate:971f4dfb-ec39-4f1d-b61a-2f9d42d9ec5e:Ranjitha",
		"cluster": "Datacenter#Cluster-01",
		"storage": "ISCSI-15TB-04",
		"folderName": "",
		"resourcePool": "",
		"diskMode": "thin",
		"network": "infra-traffic-1024",
		
		"masterVidmEnabled": "false",
		"dns": "10.141.66.213",
		"domain": "2.2.2.2",
		"gateway": "2.2.2.2",
		"netmask": "2.2.2.2",
		"searchpath": "2.2.2.2",
		"timeSyncMode": "host",
			`locker:certificate:<vmid>:<alias>`
			
			License:
			
			`locker:license:<vmid>:<alias>`
			
			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.
			
			Imports
			vROPS
			
			Locker Items:
			
			Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.
			
			Locker reference will typically in the below format:

		"ntp": "",
		"isDhcp": "false"
		}
		},
		"products": [
		{
		"id": "vrbc",
		"version": "7.6.0",
		"properties": {
		"certificate": "locker:certificate:971f4dfb-ec39-4f1d-b61a-2f9d42d9ec5e:Ranjitha",
		"contentLibraryItemId": "",
		"productPassword": "locker:password:4984d8e4-825b-4694-99cf-db80b41b5ac2:vc-password",
		"licenseRef": "locker:license:82026bee-b2aa-42bc-a9c7-2000aabda280:prod-lic",
		"currency": "AED - UAE Dirham",
		"vrbAuthType": "standalone",
		"timeSyncMode": "host",
		"ntp": "",
		"affinityRule": false,
		"configureAffinitySeparateAll": "true"
		},
		"clusterVIP": {
			Password:
			
			locker:password:<vmid>:<alias>
			
			Certificate:
			
			locker:certificate:<vmid>:<alias>
			
			License:
			
			locker:license:<vmid>:<alias>
			
			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.
			
			vRLI
			
			Locker Items:
			
			Locker items such as password, certificates, licenses should be

		"clusterVips": []
		 },
		 "nodes": [
		 {
		 "type": "vrb-server",
		 "properties": {
		 "vmName": "vrb-server",
		 "hostName": "sqa.local",
		 "ip": "5.5.5.5"
		 }
		 }
		]
		 }
		]
		 }
		
		 Response code : 200 OK
		 Response Body :
		 {
		 "requestId":"5fcv194a-6e1f-4772-a97d-af300ad5086c"
		 }
		 vRA 8.x
		 Request parameter : environmentId : "d1fb0d2f-d0d8-471d-b791-b37ec13abe9c"
		 Request Body : "environmentRequestDTO"
		 {
		 "environmentName": "vra_deployment",
		 "infrastructure": {
			created. Refer section 3 for Locker related APIs.
			
			 Locker reference will typically in the below format:
			
			 Password:
			
			 locker:password:<vmid>:<alias>
			
			 Certificate:
			
			 locker:certificate:<vmid>:<alias>
			
			 License:
			
			 locker:license:<vmid>:<alias>
			
			 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.

		"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:1a72829r-LCM-VC2-Import-vCenter", "acceptEULA": "true", "enableTelemetry": "true", "adminEmail": "abc@vmware.com", "defaultPassword": "locker:password:81fb2ee9c5bb:VMware1!", "certificate": "locker:certificate:49b8ff35b0a:vm", "cluster": "Datacenter#Cluster-01", "storage": "ISCSI-15TB-04", "folderName": "", "resourcePool": "", "diskMode": "thin", "network": "infra-traffic-1024",	vRBC **Locker Items:** Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs. Locker reference will typically in the below format: **Password**: locker:password:<vmid>:<alias> **Certificate**: locker:certificate:<vmid>:<alias> **License**: locker:license:<vmid>:<alias>

		"masterVidmEnabled": "false",
		"dns": "10.141.66.213,10.118.183.252",
		"domain": "sqa.local",
		"gateway": "10.196.57.253",
		"netmask": "255.255.254.0",
		"searchpath": "sqa.local",
		"timeSyncMode": "host",
		"ntp": "",
		"isDhcp": "false"
		}
		},
		"products": [
		{
		"id": "vra",
		"version": "8.1.0",
		"properties": {
		"certificate": "locker:certificate:49b8b2-98ba-c1d2bdf35b0a:vm",
		"productPassword": "locker:password:81f41d9c5bb:VMware1!",
		"licenseRef": "locker:license:c2cbdd94-0c38-4e6e-90b0-1e86104c14ca:lic"
		},
		"clusterVIP": {
		"clusterVips": []
		},
			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.
			
			vRA 8.x
			
			Locker Items:
			
			Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.
			
			Locker reference will typically in the below format:
			
			Password:
			
			locker:password:<vmid>:<alias>

		"nodes": [
		{
		"type": "vrava-primary",
		"properties": {
		"vmName": "vrava-primary",
		"hostName": "lcm-57-68.sqa.local",
		"ip": "10.196.57.68"
		}
		},
		{
		"type": "vrava-secondary",
		"properties": {
		"vmName": "vrava-secondary",
		"hostName": "lcm-57-69.sqa.local",
		"ip": "10.196.57.69"
		}
		},
		{
		"type": "vrava-secondary",
		"properties": {
		"vmName": "vrava-secondary",
		"hostName": "lcm-57-67.sqa.local",
		"ip": "10.196.57.67"
		}
		}
		]
		}
		]
			Certificate:
			
			locker:certificate:<vmid>:<alias>
			
			License:
			
			locker:license:<vmid>:<alias>
			
			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.
			
			vRNI
			
			Locker Items:
			
			Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.
			
			Locker reference will typically in the below format:

		}
		
		Response code : 200 OK
		Response Body :
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}
		vRNI
		Request parameter :
		environmentId :
		"f05cf7e9-bed2-8730-3d69d45d0d31"
		Request Body :
		"environmentRequestDTO"
		{
		"environmentName": "vRNI_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:1a72b1b-40:kar-LCM-VC2-Import-vCenter",
			Password:
			
			locker:password:<vmid>:<alias>
			
			Certificate:
			
			locker:certificate:<vmid>:<alias>
			
			License:
			
			locker:license:<vmid>:<alias>
			
			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.

		"acceptEULA": "true", "enableTelemetry": "true", "adminEmail": "abc@vmware.com", "defaultPassword": "locker:password:81fb1-c6032ee9c5bb:VMware1!", "certificate": "locker:certificate:49b8f38f-2bdf35b0a:vm", "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", "domain": "sqa.local", "gateway": "10.196.57.253", "netmask": "255.255.254.0", "searchpath": "sqa.local", "timeSyncMode": "host", "ntp": "", "isDhcp": "false" }	

		}, "products": [{ "id": "vrni", "version": "5.1.0", "properties": { "ntp": "", "certificate": "locker:certificate:49bfe-43b2-98ba-c1d2bdf35b0a:vm", "productPassword": "locker:password:81f-af91-c6032ee9c5bb:VMware1!", "licenseRef": "locker:license:6b6-9cfa-3b8a920b99d3:vRNI", "affinityRule": false, "configureAffinitySeparateAll": "true", "masterVidmEnabled": false }, "clusterVIP": { "clusterVips": [] }, "nodes": [{ "type": "vrni-platform", "properties": { "vmName": "vrni-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" } Imports vROPS Request parameter : environmentId : "c9407650-5f76-47a8-99e5-a483de81115b" Request Body : "environmentRequestDTO" {	

		"environmentName": "vrops_import_env", "infrastructure": { "properties": { "dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2", "regionName": "default", "zoneName": "default", "vCenterName": "", "vCenterHost": "", "vcUsername": "", "vcPassword": "", "acceptEULA": "false", "enableTelemetry": "true", "adminEmail": "abc@vmware.com", "defaultPassword": "", "certificate": "", "cluster": "", "storage": "", "folderName": "", "resourcePool": "", "diskMode": "", "network": "", "masterVidmEnabled": "false", "dns": "", "domain": "", "gateway": "", "netmask": "", "searchpath": "", "timeSyncMode": "host",	

```
      "ntp": "",
      "isDhcp": "false"
    }
  },
  "products": [
    {
      "id": "vrops",
      "version": "8.0.1",
      "properties": {

"vropsMasterNodeIP":
"10.196.57.68",

"vCenterList":"[{\"vCente
rHost\":\"lcm-
vc1.sqa.local\",\"vcUsern
ame\":\"autouser@vsphere.
local\",\"vcPassword\":\"
locker:password:71df6f8a-
4ff4-4be7-9aeb-
bf325b12eaa7:lcm-
vc1.sqa.local\"}]",

"vropsAdminPassword":
"locker:password:81fb3628
-bdad-
c6032ee9c5bb:VMware1!",
        "rootPassword":
"locker:password:1fb3628-
bdad-41d9-af91-
c5bb:VMware1!",
        "isImport":
"true"
      },
      "clusterVIP": {
        "clusterVips": []
      },
      "nodes": []
    }
  ]
```

		}
		
		Response code : 200 OK
		Response Body:
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}
		The linked image cannot be displayed. The file may have been moved, renamed, o...vRLI
		Request parameter :
		environmentId :
		"c9407650-5f76-47a8-99e5-a483de81115b"
		Request Body :
		"environmentRequestDTO"
		{
		"environmentName":
		"vrli_import_env",
		"infrastructure": {
		"properties": {
		"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-c6032ee9c5bb:VMware1!",
		"certificate": "",
		"cluster": "",
		"storage": "",
		"folderName": "",
		"resourcePool": "",
		"diskMode": "",
		"network": "",
		
		"masterVidmEnabled": "false",
		"dns": "",
		"domain": "",
		"gateway": "",
		"netmask": "",
		"searchpath": "",
		"timeSyncMode": "host",
		"ntp": "",
		"isDhcp": "false"
		}
		},
		"products": [
		{
		"id": "vrli",
		"version": "8.0.0",
		"properties": {
		"vrliHostName": "lcm-57.sqa.local",
		
		"vCenterList":"[{\"vCenterHost\":\"lcm-vc1.sqa.local\",\"vcUsername\":\"autouser@vsphere.local\",\"vcPassword\":\"locker:password:71df6f8a-4ff4-4be7-9aeb-	

		bf325b12eaa7:lcm-vc1.sqa.local\"}]",
		
		"vrliAdminPassword": "locker:password:81fb3628-bdad-4c5bb:VMware1!",
		"rootPassword": "locker:password:81fb3628-bdad-49c5bb:VMware1!",
		"isImport": "true"
		},
		"clusterVIP": {
		"clusterVips": []
		},
		"nodes": []
		}
		]
		}
		
		Response code : 200 OK
		Response Body :
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}
		The linked image cannot be displayed. The file may have been moved, renamed, o...vRBC
		Request parameter : environmentId : "c9407650-5f76-47a8-99e5-a483de81115b"
		Request Body : "environmentRequestDTO"
		{
		"environmentName": "vRBC_import_env",
		"infrastructure": {
		"properties": {	

		"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": "vrbc",
		"version": "7.6.0",
		"properties": {
		"vrbCafeHost": "",
		"vrbHostName": "lcm-57.sqa.local",
		"vrbRootPassword": "locker:password:81fb3628032ee9c5bb:VMware1!",
		"vCenterList":"[{\"vCenterHost\":\"lcm-vc1.sqa.local\",\"vcUsername\":\"autouser@vsphere.local\",\"vcPassword\":\"locker:password:71df6f8a-4ff4-4be7-9aeb-bf325b12eaa7:lcm-vc1.sqa.local\"}]",
		"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 parameter : environmentId : "c9407650-5f76-47a8-99e5-a483de81115b"
		Request Body : "environmentRequestDTO"
		{
		"environmentName": "vRA_import_env",
		"infrastructure": {
		"properties": {
		"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",
		"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:password:49ff4234-e77c-48d2-8027-bba0514fe511:LCM-VC-Password\"}]"
		"isImport": "true"
		},
		"clusterVIP": {
		"clusterVips": []
		},
		"nodes": []
		}
		]
		}
		
		Response code : 200 OK
		Response Body :
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}
		The linked image cannot be displayed. The file may have been moved, renamed, o...vRA 8.x
		Request parameter : environmentId : "c9407650-5f76-47a8-99e5-a483de81115b"
		Request Body : "environmentRequestDTO"
		{
		"environmentName": "vra_import_env",
		"infrastructure": {
		"properties": {
		"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:81fb3603
2ee9c5bb: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": {
		
		"vraImportVersion": "8.0.0",
		
		"cafeHostNamePrimary": "lcm-57.sqa.local",
		
		"cafeRootPasswordPrimary": "locker:password:81fb36-c6032ee9c5bb:VMware1!",
		"vCenterList": "[{\"vCenterHost\":\"lcm-vc1.sqa.local\",\"vcUsername\":\"autouser@vsphere.local\",\"vcPassword\":\"locker:password:49ff4234-e77c-48d2-8027-bba0514fe511:LCM-VC-Password\"}]"
		"isImport": "true"
		},
		"clusterVIP": {
		"clusterVips": []
		},
		"nodes": []
		}
		]
		}
		
		Response code : 200 OK
		Response Body :
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}	

		The linked image cannot be displayed. The file may have been moved, renamed, o...vRNI
		Request parameter : environmentId : "c9407650-5f76-47a8-99e5-a483de81115b"
		Request Body : "environmentRequestDTO"
		{
		  "environmentName": "vrni_import_env",
		  "environmentHealth": null,
		  "logHistory": null,
		  "infrastructure": {
		  "properties": {
		  "dataCenterVmid": "ee6ce426-ca13-4e56-ad9e-c34a4d3d90c2",
		  "regionName": "default",
		  "zoneName": "default",
		  "vCenterName": "",
		  "vCenterHost": "",
		  "vcUsername": "",
		  "vcPassword": "",
		  "acceptEULA": "false",
		  "enableTelemetry": "true",
		  "adminEmail": "abc@vmware.com",
		  "defaultPassword": "locker:password:81fb3628-bdee9c5bb:VMware1!",
		  "certificate": "",
		  "cluster": "",
		  "storage": "",
		  "folderName": "",	

```
      "resourcePool": "",
      "diskMode": "",
      "network": "",

"masterVidmEnabled":
"false",
      "dns": "",
      "domain": "",
      "gateway": "",
      "netmask": "",
      "searchpath": "",
      "timeSyncMode":
"host",
      "ntp": "",
      "isDhcp": "false"
    }
  },
  "products": [
    {
      "id": "vrni",
      "version": "5.1.0",
      "properties": {
        "platformIP":
"10.196.57.68",

"vrniPlatformUserName":
"configadmin",

"vrniPlatformPassword":
"",

"supportPassword": "",

"consolePassword": "",

"vCenterList":"[{\"vCente
rHost\":\"lcm-
vc1.sqa.local\",\"vcUsern
ame\":\"autouser@vsphere.
local\",\"vcPassword\":\"
```

		locker:password:71df6f8a-4ff4-4be7-9aeb-bf325b12eaa7:lcm-vc1.sqa.local\"}]",
		"isImport": "true"
		},
		"clusterVIP": {
		"clusterVips": []
		},
		"nodes": []
		}
		]
		}
		
		Response code : 200 OK
		Response Body :
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}	

Add Node to Product	POST	/lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/nodes
		vROPS
		Request parameters :
		environmentId : 3184bdcb-e82a-4bc5-aba5-46dec1d15a7e
		productId : vrops
		
		Request Body :
		{
		"environmentName": "suite_all",
		"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:609cc17a8:DC1-LCM-VC2-Import-vCenter",
		"acceptEULA": "true",
			Products
			vROPS
			
			Locker Items:
			
			Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.
			
			Locker reference will typically in the below format:
			
			Password:
			
			locker:password:<vmid>:<alias>
			
			Certificate:
			
			locker:certificate:<vmid>:<alias>
			
			License:
			
			locker:license:<vmid>:<alias>

		"enableTelemetry": "true", "adminEmail": "rvishnuvardh@vmware.com", "defaultPassword": "locker:password:a1bb8853-8ab2-4ac3-b2d4-f2d36:VMware1!200", "certificate": "locker:certificate:f48021-32f0e625d983: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", "domain": "sqa.local", "gateway": "10.198.49.253", "netmask": "255.255.254.0", "searchpath": "sqa.local", "timeSyncMode": "host", "ntp": "", "isDhcp": "false" }	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. vRLI **Locker Items:** Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs. Locker reference will typically in the below format: **Password**: `locker:password:<vmid>:<alias>` **Certificate**:

		`},`
		`"products": [`
		`{`
		`"id": "vrops",`
		`"version": "7.5.0",`
		`"patchHistory": null,`
		`"snapshotHistory": null,`
		`"logHistory": null,`
		`"clusterVIP": {`
		`"clusterVips": []`
		`},`
		`"nodes": [`
		`{`
		`"type": "data",`
		`"properties": {`
		`"vmName": "vrops-data",`
		`"hostName": "sqa.local",`
		`"ip": "6.6.6.6"`
		`}`
		`}`
		`],`
		`"properties": {`
		`"certificate": "locker:certificate:f4e9625d983:vmware",`
		`"productPassword": "locker:password:a1bb8853-8ab2-4ac3-4f2d36:VMware1!200",`
		`"licenseRef": "locker:license:24228154-7de8-4953-ba80-c07dc11bd6f1:vrbc4",`
		`"disableTls": "",`
			`locker:certificate:<vmid>:<alias>`
			
			License:
			
			`locker:license:<vmid>:<alias>`
			
			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.
			
			vRBC
			
			Locker Items:
			
			Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.
			
			Locker reference will typically in the below format:

		"timeSyncMode": "host",
		
		"masterVidmEnabled": false,
		"ntp": "",
		"affinityRule": false,
		
		"configureAffinitySeparateAll": "true",
		"deployOption": "xsmall"
		}
		}
		]
		}
		
		Response code : 200 OK
		Response Body :
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}
		vRLI
		Request parameters:
		environmentId : 3184bdcb-e82a-4bc5-aba5-46dec1d15a7e
		productId : vrli
		
		Request Body :
		{
		"environmentName": "suite_all",
		"infrastructure": {
		"properties": {
			Password:
			
			locker:password:<vmid>:<alias>
			
			Certificate:
			
			locker:certificate:<vmid>:<alias>
			
			License:
			
			locker:license:<vmid>:<alias>
			
			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.
			
			vRA 7.x
			
			Locker Items:
			
			Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.

		"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:609cb152-aa53-a8:DC1-LCM-VC2-Import-vCenter",
		"acceptEULA": "true",
		"enableTelemetry": "true",
		"adminEmail": "rvishnuvardh@vmware.com",
		"defaultPassword": "locker:password:a1bd4-c474484f2d36:VMware1!200",
		"certificate": "locker:certificate:f4e98b921-32f0e625d983:vmware",
		"cluster": "Datacenter#Cluster-01",
		"storage": "ISCSI-15TB-04",
		"folderName": "",
		"resourcePool": "",
		"diskMode": "thin",
			Locker reference will typically in the below format:
			
			Password:
			
			`locker:password:<vmid>:<alias>`
			
			Certificate:
			
			`locker:certificate:<vmid>:<alias>`
			
			License:
			
			`locker:license:<vmid>:<alias>`
			
			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.
			
			The linked image cannot be displayed. The file may have been moved, renamed, o... vRA 8.x

		"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": "vrli",
		"version": "4.8.0",
		"patchHistory": null,
		"snapshotHistory": null,
		"logHistory": null,
		"clusterVIP": {
		"clusterVips": []
		},
		"nodes": [
		{
		"type": "vrli-worker",
		"properties": {
			Locker Items:
			
			Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.
			
			Locker reference will typically in the below format:
			
			Password:
			
			`locker:password:<vmid>:<alias>`
			
			Certificate:
			
			`locker:certificate:<vmid>:<alias>`
			
			License:
			
			`locker:license:<vmid>:<alias>`
			
			VMID which you will get as a response of the Locker creation

		"vmName": "vrli-worker-2", "hostName": "sqa.local", "ip": "4.4.4.4" } }, { "type": "vrli-worker", "properties": { "vmName": "vrli-worker", "hostName": "sqa.local", "ip": "3.3.3.3" } }, { "type": "vrli-master", "properties": { "vmName": "vrli-master", "hostName": "lcm-57.sqa.local", "ip": "10.196.57.68", "rootPassword": "locker:password:a1bbc3-b2d4-c474484f2d36:VMware1!200", "cluster": "Datacenter#Cluster-01", "dns": "10.141.66.213,10.118.183	API and alias would be the one which is provided in the request payload for the locker api.
			
			vIDM
			
			Locker Items:
			
			Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.
			
			Locker reference will typically in the below format:
			
			Password:
			
			`locker:password:<vmid>:<alias>`
			
			Certificate:
			
			`locker:certificate:<vmid>:<alias>`
			
			License:

		.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-a7a8:DC1-LCM-VC2-Import-vCenter",
		"gateway": "10.198.49.253",
		"searchpath": "sqa.local",
		
		"resourcePool": "",
		"disabled": "true"
		}
		}
		],
		"properties": {
		"certificate": "locker:certificate:fd-
			locker:license:<vmid>:<alias>
			
			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.
			
			vRNI
			
			Locker Items:
			
			Locker items such as password, certificates, licenses should be created. Refer section 3 for Locker related APIs.
			
			Locker reference will typically in the below format:
			
			Password:
			
			locker:password:<vmid>:<alias>

		8021- 32f0e625d983:vmware", "productPassword": "locker:password:a1bb8852 d4- c474484f2d36:VMware1!200" , "licenseRef": "locker:license:24228154- 7de8-4953-ba80- c07dc11bd6f1:vrbc4", "nodeSize": "small", "configureClusterVIP": "false", "affinityRule": false, "isUpgradeVmCompatibility ": false, "vrliAlwaysUseEnglish": false, "configureAffinitySeparat eAll": "true", "masterVidmEnabled": false, "ntp": "", "timeSyncMode": "host" } }] } Response code : 200 OK	**Certificate**: locker:certificate:<vmid> :<alias> **License**: locker:license:<vmid>:<al ias> 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.

		Response Body :
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}
		The linked image cannot be displayed. The file may have been moved, renamed, o...vRBC
		Request parameters :
		environmentId : 3184bdcb-e82a-4bc5-aba5-46dec1d15a7e
		productId : vrbc
		
		Request Body :
		{
		"environmentName": "suite_all",
		"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:609cb152-aa5c17a8:DC1-LCM-VC2-Import-vCenter",
		"acceptEULA": "true",	

		"enableTelemetry": "true", "adminEmail": "rvishnuvardh@vmware.com", "defaultPassword": "locker:password:a1bb82d4-c474484f2d36:VMware1!200", "certificate": "locker:certificate:f4e988021-32f0e625d983: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": "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:VMware1!200", "__vrbServerRootPassword": "locker:password:a16:VMware1!200", "installerLocation":"http://localhost:8080/repo/productBinariesRepo/vrbc/7.5.0/install/vrbc.ova", "isStandalone": null, "vrbServerHostName": "lcm-57.sqa.local", "vrbRootPassword": "locker:password:a1bb8853-8ab2-4ac3-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:f4e98	

		b92-cba0-448d-8021-32f0e625d983:vmware",
		
		"productPassword": "locker:password:a1bb8853-8ab2-4ac3-b2d4-c474484f2d36:VMware1!200",
		"licenseRef": "locker:license:24228154-7de8-4953-ba80-c07dc11bd6f1:vrbc4",
		"currency": "AED - UAE Dirham",
		"timeSyncMode": "host",
		
		"masterVidmEnabled": false,
		"ntp": "",
		"affinityRule": false,
		
		"configureAffinitySeparateAll": "true",
		"vrbAuthType": "standalone"
		}
		}
		]
		}
		
		Response code : 200 OK
		Response Body :
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}	

		The linked image cannot be displayed. The file may have been moved, renamed, o...vRA 7.x
		Request parameters :
		environmentId : 3184bdcb-e82a-4bc5-aba5-46dec1d15a7e
		productId : vra
		
		Request Body :
		{
		  "environmentName": "suite_all",
		  "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: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": [	

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		"snapshotHistory": null,
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		"nodes": [
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		"ip": "10.196.57.68"
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		},
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		"properties": {
		"vmName": "vra-server-primary",
		"hostName": "lcm-57.sqa.local",
		"ip": "10.196.57.68",
		
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            "diskMode":
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            "ntp": "",
            "network":
"infra-traffic-1024",
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		"netmask": "255.255.254.0",
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		"searchpath": "sqa.local",
		
		"resourcePool": "",
		"disabled": "true"
		}
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		}
		}
		]
		}
		
		Response code : 200 OK
		Response Body :
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}
		The linked image cannot be displayed. The file may have been moved, renamed, o...vRA 8.x
		Request parameters :
		environmentId : vRA-Prelude-Standalone1582715152352
		productId : vra
		
		Request body :
		{
		"environmentName": "vRA-Prelude-Standalone",
		"infrastructure": {
		"properties": {
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		"cluster": "Datacenter-01#Cluster-01",
		"regionName": "default",
		"certificate": "locker:certificate:9bd1210e-6703-45ee-b6f1-9e8fe0993e35:lcm-prelude-sn-215-cert",
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      "timeSyncMode":
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      "acceptEULA":
"true",
      "folderName": "",
      "gateway":
"10.196.55.253",
      "searchpath":
"sqa.local",
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"undefined"
    }
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          }
        ]
      },
      "nodes": [
        {
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		},
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		"hostName": "lcm-54-215.sqa.local",
		"ip": "10.196.54.215",
		
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		}
		],
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		"contentLibraryItemId": "",
		
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		"licenseRef": "locker:license:da4a32b6-d5ec-4878-b490-66518abebecd:NightlySuite19License"
		}
		}
		]
		}
		
		Response code : 200 OK
		Response Body :
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		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}	

		The linked image cannot be displayed. The file may have been moved, renamed, o...vIDM
		Request parameters :
		environmentId :
		globalenvironment
		productId : vidm
		
		Request body :
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		"infrastructure": {
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		"regionName":
		"default",
		"certificate":
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		1be-6e8c-4777-8a73-
		25ffdcf61126:lcm-nightly-
		vidm-cert",
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		"storage":
		"vsanDatastore",
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		USE-vMotion-3100",
		"netmask":
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          }
        ]
      },
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		"adminPassword": "",
		"vmName": "vidm-connector-4",
		
		"vidmConnectorName": "windows",
		
		"vidmConnectorAdminPassword": "locker:password:6217e1d0-69bef-9f831d35f2d2:LCM-VC-Password"
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		"disabled": "true"
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		},
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		"ip": "10.198.49.27",
		
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		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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		-9f8f-416e-b921-dd691a0c31af:VMware-Default-Password", "vidmSystemAdminPassword": "locker:password:2f369425a0c31af: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": "",	

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		"resourcePool": "",
		"disabled": "true"
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		"domainAdmin": "",
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		"adminUserName": "",
		"adminPassword": "",
		"vmName": "Nightly_vidm-primary-26",
		"vidmConnectorName": "",	

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		"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"
		}
		},
		{
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		"properties": {
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		"diskMode": "thin",
		"vCenterHost": "wdc-lcm-vc.sqa.local",	

		"masterTenantId": "LCM-VRS-49-26", "storage": "vsanDatastore", "windowsDeployement": "false", "network": "VM-Network-1016", "instanceId": "550a1d0d-36bc-4434-b7cd-b5844d561f73", "affinityRules": null, "vcPassword": "", "cpuCount": "2", "resourcePool": null, "canBeDeleted": "true", "esxHostBuild": "15177306", "ip": "10.198.49.27", "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" } }], "properties": { "__vidmHost": "lcm-vrs-49-29.sqa.local", "vidmAdminPassword": "", "syncGroupMembers": true, "defaultConfigurationUsername": "configadmin", "defaultConfigurationPassword": "", "certificate": "locker:certificate:d37db1be-6e86:lcm-nightly-vidm-cert", "contentLibraryItemId": "" } }]	

		}
		
		Response code : 200 OK
		Response Body :
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}
		The linked image cannot be displayed. The file may have been moved, renamed, o...vRNI
		Request parameters :
		environmentId : 3184bdcb-e82a-4bc5-aba5-46dec1d15a7e
		productId : vrni
		
		Request Body :
		{
		"environmentName": "suite_all",
		"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: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, "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":
"locker:password:a1c47448
4f2d36:VMware1!200",

"supportUserName":
"support",
            "licenseRef":
"locker:license:eab643cf0
b9cafa:license",
            "platformIP":
"10.196.57.68",
            "disabled":
"true"
          }
        },
        {
          "type": "vrni-
collector",
```

		"properties": { "vmName": "vrni-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", "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:609cb13-446a8:DC1-LCM-VC2-Import-vCenter", "gateway": "10.198.49.253",	

		"searchpath": "sqa.local",
		
		"resourcePool": "",
		
		"supportPassword": "locker:password:a1bac3-b2d4-c474484f2d36:VMware1!200",
		
		"consolePassword": "locker:password:a1bb83-b2d4-c474484f2d36:VMware1!200",
		"disabled": "true"
		}
		}
		],
		"properties": {
		"certificate": "locker:certificate:f4ed-8021-32f0e625d983:vmware",
		
		"productPassword": "locker:password:a1b2d4-c474484f2d36:VMware1!200",
		"licenseRef": "locker:license:eabffc8c-50e3-4d62-bc21-643cf0b9cafa:license",
		"ntp": "",
		"affinityRule": false,	

		"configureAffinitySeparateAll": "true",
		
		"masterVidmEnabled": false
		}
		}
		]
		}
		
		Response code : 200 OK
		Response Body :
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}	

Delete an Environment	POST	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments/{environmentId}
		Request parameter :
		environmentId : 3184bdcb-e82a-4bc5-aba5-46dec1d15a7e
		
		Request body :
		{
		"deleteFromInventory": true,
		"deleteFromVcenter": true,
		"deleteWindowsVMs": true
		}
		
		Response code : 200 OK
		Response Body :
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}	

Trigger Health Check for Environment	POST	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments/{environmentId}/health-check
		Request parameter :
		environmentId : 3184bdcb-e82a-4bc5-aba5-46dec1d15a7e
		
		Response code : 200 OK
		Response Body :
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}	

Enable or Disable Health Check for Environment	POST	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments/{environmentId}/health-check/toggle
		Request parameter :
		environmentId : 3184bdcb-e82a-4bc5-aba5-46dec1d15a7e
		toggle : enable
		
		Response code : 200 OK
		Response Body :
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}	

Trigger Inventory Sync for Environment	POST	/lcm/lcops/api/v2/environments/{environmentId}/inventory-sync
		Request parameter :
		environmentId : 3184bdcb-e82a-4bc5-aba5-46dec1d15a7e
		
		Response code : 200 OK
		Response Body :
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}	

Trigger Inventory Sync for All Environments	POST	/lcm/lcops/api/v2/environments/inventory-sync
		Response code : 200 OK
		Response Body :
		[
		{
		"requestId": "35c32b32-aa3b-4cc3-be49-d5e4e703ecbb"
		},
		{
		"requestId": "2d02a889-a406-4c3e-8a6f-599203ff2014"
		}
		]	

Validate an Environment	POST	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments/pre-validate
		Request body : "environmentRequestDTO"
		{
		  "environmentName": "vropsimport",
		  "infrastructure": {
		  "properties": {
		  "cluster": "",
		  "dns": "",
		  "certificate": "",
		  "diskMode": "",
		  "vCenterHost": "",
		  "storage": "",
		  "ntp": "",
		  "vCenterName": "",
		  "network": "",
		
		"masterVidmEnabled": "false",
		  "netmask": "",
		  "dataCenterVmid": "d7689aa2-8b4d-4c60-a560-d733a089c558",
		  "vcUsername": "",
		  "domain": "",
		  "enableTelemetry": "true",
		  "folderName": "",
		  "acceptEULA": "false",
		  "vcPassword": "",
		  "gateway": "",
		  "searchpath": "",
		  "defaultPassword": "locker:password:5b9d1a8e	

```
-49dc-4137-9f8a-
b0c2fbb12fe3:VMware1!",
      "resourcePool": ""
    }
  },
  "products": [
    {
      "id": "vrops",
      "version": "8.2.0",
      "patchHistory": "",
      "snapshotHistory":
"[ {\n
\"snapshotGeneratedTime\"
: 1596774385117,\n
\"snapshotName\" :
\"vrops_ - Fri Aug 07
04:24:22 UTC 2020\",\n
\"snapshotWithMemory\" :
true\n}, {\n
\"snapshotGeneratedTime\"
: 1596774817746,\n
\"snapshotName\" :
\"snapshot2 - Fri Aug 07
04:31:34 UTC 2020\",\n
\"snapshotWithMemory\" :
true\n} ]",
      "logHistory": "",
      "clusterVIP": {
        "clusterVips": []
      },
      "nodes": [
        {
          "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",	

```
            "searchpath":
"sqa.local",

"resourcePool":
"resgroup-59134
(KiranBolaj)"
          }
        },
        {
          "type": "data",
          "properties": {
            "hostName":
"lcm-34-242.sqa.local",
            "timeZone":
"",
            "vmName":
"kbolajData242",
            "storage":
"FC-5TB-new",

"extendedStorage": "",
            "ip":
"10.198.34.242"
          }
        }
      ],
      "properties": {

"masterVidmHostname":
null,

"vropsAdminPassword":
"locker:password:5b9d1a8e
-49dc-4137-9f8a-
b0c2fbb12fe3:VMware1!",

"certificateChain": "----
-BEGIN CERTIFICATE-----
\nMIID2zCCAsOgAwIBAgIGAXL
G7BqTMA0GCSqGSIb3DQEBCwUA
```

		MFMxMzAxBgNVBAMM\nKnZSZWF saXplIFN1aXRlIExpZmVjeWNs ZSBNYW5hZ2VyIExvY2tlciBDQ TEPMA0G\nA1UECgwGVk13YXJl MQswCQYDVQQGEwJJTjAeFw0yM DA2MTgxMDE0MjFaFw0yMjA2\n MTgxMDE0MjFaMGwxFTATBgNVB AMMDGNlcnRpZmljYXRlMTENMA sGA1UECwwEQ01C\nVTEPMA0GA 1UECgwGdm13YXJlMRIwEAYDVQ QHDAlCYW5nYWxvcmUxEjAQBgN VBAgM\nCUthcm5hdGFrYTELMA kGA1UEBhMCSU4wggEiMA0GCSq GSIb3DQEBAQUAA4IBDwAw\ngg EKAoIBAQCZVfRxzv8hkYZCD+L 0QDn/GHdi6jd4x4yjfm0D+sKF YHHxmFNZHzbK\nHLPlKfz1sWQ sdiq0a/rpfXlAN9rXijp+g9LS cK41I9qyzISHIxAd0bIh6tK6V jiV\nDjqL6CqijK5O15hGYR3+ DFInFjKPwyUSPlh8SVcTM4O6e t4lU+DNp5jsodjJxtIb\nX3ON pZvlYUz472eqwTggiUqf/Wx25 ruwupiqTXzkai4rUQ2lWI1h4Z x1oF4EyCLm\nPY3NlF9YEdlow mBREmjocwWBA4D+oz91rSzYjU L6crtNz6pXXoUdjKjfKsoWavG u\n6gZF3I4P6sCSVJCAa+jvEg yHugL9APjjAgMBAAGjgZswgZg wHQYDVR0OBBYEFM+m\nS6avFO aIakM6q3BAbmySelvtMB8GA1U dIwQYMBaAFLz4m09pNCMIp5Io hqvsDoI+\noIkWMBYGA1UdEQQ PMA2CCyouc3FhLmxvY2FsMA4G A1UdDwEB/wQEAwIFoDAgBgNV\ nHSUBAf8EFjAUBggrBgEFBQcD AgYIKwYBBQUHAwEwDAYDVR0TA QH/BAIwADANBgkq\nhkiG9w0B AQsFAAOCAQEAKUWGEnqq3xtXt Eq0WuZ4vlQA3XKPLHtb89z6uU	

		h1bq0+\nL/aKzeL5LIaR77kVq 8oiVxlkaMmNvHtiW+NxoNpkEb s1iR0eW3URhdve0ZZDY/pd\n4 ouuF0pYyUAb2nQLuK/bsV8V99 r1MecERoCnZBYW+hLWGzKGl95 fEFE6UeuWLlTb\nCHXQYWjVgy E7hnla3la/1d8Ka2f14lW37pi 7d5Yqqu4V2+Im8GdsjTLWCGPP c7v+\nqQqMqzXhE8hF+xJ8Dd7 s0v2DuF5K7WdkG6gF7t1BiYyk X1St1g3Zt6VW2VFzpreS\njd1 K48+fFmf5NTQYe3WoC+Meu4e0 KzdrzNJG/8YT0A==\n----- END CERTIFICATE-----\n--- --BEGIN CERTIFICATE----- \nMIIDiTCCAnGgAwIBAgIGAXL G2Cr8MA0GCSqGSIb3DQEBCwUA MFMxMzAxBgNVBAMM\nKnZSZWF saXplIFN1aXRlIExpZmVjeWNs ZSBNYW5hZ2VyIExvY2tlciBDQ TEPMA0G\nA1UECgwGVk13YXJl MQswCQYDVQQGEwJJTjAeFw0yM DA2MTgwOTUyMzVaFw0zMDA2\n MTYwOTUyMzVaMFMxMzAxBgNVB AMMKnZSZWFsaXplIFN1aXRlIE xpZmVjeWNsZSBN\nYW5hZ2VyI ExvY2tlciBDQTEPMA0GA1UECg wGVk13YXJlMQswCQYDVQQGEwJ JTjCC\nASIwDQYJKoZIhvcNAQ EBBQADggEPADCCAQoCggEBAI+ pvkX8muVzNNpYwjt+1iP8\nPU PkShX53OPEEvU5ey/oBtJfVcv WWS57mHaSVARHspwEHqpRjpFE TMCHwdsikDxB\ngIAYj12CDxD tPmGK36z63pM8oLJo5MxbYRVH jdp4LAINpIwcrZkZvmKBM2dWB jOB\nRHDPbINkcDk540fVxxeG jr7CZvOrkV8WYYKKG/F3q+ez9 N6AdYffLszKRYqHVInD\ngHC/ BsDe0BEPu03IFPnkRunl6o2+B	

		oVQ7Fg6hzP23he9IF0fGY8isp J4O8j/a4tI\nk7+IsOAVMXRSr /5YvWWyF2AZHxAs0PYowPdvjj HPU+HHfR72pVIVntxAUK4t0QM C\nAwEAAaNjMGEwHQYDVR0OBB YEFLz4m09pNCMIp5IohqvsDoI +oIkWMB8GA1UdIwQY\nMBaAFL z4m09pNCMIp5IohqvsDoI+oIk WMA8GA1UdEwEB/wQFMAMBAf8w DgYDVR0P\nAQH/BAQDAgGGMA0 GCSqGSIb3DQEBCwUAA4IBAQCC Oku6XDT9EewrQyDp/XGa+dsM\ nPnBukiBsPO+Sm30Bgw2fDzk4 qdmKsI/JGvWfrI631afZWtmCA DetI32vNI1/dcSq\ntANg3bac +F7Z0VIkVynSzAIewNkdylh+1 8MlQ719ah9GKMe5cHAUoM8/lf hDEkFH\njKI5XYMEwOeiZIREX 8XDJ5eIZTAKui2LQPuDjUwnzQ BF0mGNl2FufimwwBfOx47N\nL lL+5AlHK396NNOydyWTyeEYn3 57Krp1UTweomvQU55xu4TbYoY VuAfzwy/6IEq0\nP9bsqrn1FY UC8gWrjArwD6cRt1jn7/fmUnh /nJ7HEJDYpN8s0giQjEaCl9rN \n-----END CERTIFICATE--- --\n", "__productId": "vrops", "ntp": "lcm-34- 241.sqa.local", "masterVidmEnabled": "false", "affinityRule": "false", "__version": "8.2.0", "disableTls": "TLSv1,TLSv1.1",	

		"latestPatchVersion": "8.2.0-16285347",
		
		"configureAffinitySeparateAll": "true",
		"isCaEnabled": "false",
		"deployOption": "small",
		"licenseRef": "locker:license:3374f461-9cd6-48a3-893c-3e740bc027d9:vropsimport-vrops-H109R-XXXX-2EUMY"
		}
		}
		]
		}
		
		Response code : 200 OK
		Response body :
		{
		"requestId": "870bf666-21ac-447a-a3c5-ec6c3a86d166"
		}	

Change FIPS mode	POST	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/fips
		`Request parameters :`
		`environmentId : a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55`
		`productId : vrops`
		
		`Request body :`
		`"toggleFipsModeDTO"`
		`{`
		`  "fipsMode": "true"`
		`}`
		
		`Response code : 200 OK`
		`Response body :`
		`{`
		`  "requestId": "870bf666-21ac-447a-a3c5-ec6c3a86d166"`
		`}`
			This API is only for vROPS and VRLI products.

Deployed Product Operation APIs

Name	HTTP Method	Endpoint	Description

Get Product Details	GET	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments/{environmentId}/products/{productId}
		Request parameter :
		environmentId : 9c88ba3d-23c9-4b6c-8c45-f4338fb0a073
		productId : vrops
		
		Response code : 200 OK
		Response Body :
		{
		"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:Vcpwd",
        "cpuCount": "4",
```

		"rootPassword": "locker:password:c3b1c44d-4974-415a-a695-d63476e90ede:rootpwd",
		"resourcePool": "resgroup-59134 (KiranBolaj)",
		"vmName": "kbolajData242",
		"esxHostBuild": "15169789",
		"ip": "10.198.34.242",
		"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": null,
		"netmask": null,
		"__vMoid": "vm-78152"
		}
		}
		],
		"properties": {
		"masterVidmHostname": null,	

		"vropsAdminPassword": "locker:password:c3b1c44d-4974-415a-a695-d63476e90ede:VM!", "certificateChain": "-----BEGIN CERTIFICATE-----\nMIID2zCCAsOgAwIBAgIGAXLG7BqTMA0GCSqGSIb3DQEBCwUAMFMxMzAxBgNVBAMM\nKnZSZWFsaXplIFN1aXRlIExpZmVjeWNsZSBNYW5hZ2VyIExvY2tlciBDQTEPMA0G\nA1UECgwGVk13YXJlMQswCQYDVQQGEwJJTjAeFw0yMDA2MTgxMDE0MjFaFw0yMjA2\nMTgxMDE0MjFaMGwxFTATBgNVBAMMDGNlcnRpZmljYXRlMTENMAsGA1UECwwEQ01C\nVTEPMA0GA1UECgwGdm13YXJlMRIwEAYDVQQHDAlCYW5nYWxvcmUxEjAQBgNVBAgM\nCUthcm5hdGFrYTELMAkGA1UEBhMCSU4wggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAw\nggEKAoIBAQCZVfRxzv8hkYZCD+L0QDn/GHdi6jd4x4yjfm0D+sKFYHHxmFNZHzbK\nHLPlKfz1sWQsdiq0a/rpfXlAN9rXijp+g9LScK41I9qyzISHIxAd0bIh6tK6VjiV\nDjqL6CqijK5O15hGYR3+DFInFjKPwyUSPlh8SVcTM4O6et4lU+DNp5jsodjJxtIb\nX3ONpZvlYUz472eqwTggiUqf/Wx25ruwupiqTXzkai4rUQ2lWI1h4Zx1oF4EyCLm\nPY3NlF9YEdlowmBREmjocwWBA4D+oz91rSzYjUL6crtNz6pXXoUdjKjfKsoWavGu\n6gZF3I4P6sCSVJCAa+jvEgyHugL9APjjAgMBAAGjgZswgZgwHQYDVR0OBBYEFM+m\nS6avFOaIakM6q3BAbmySelvtMB8GA1UdIwQYMBaAFLz4m09pNCMIp5IohqvsDoI+\noIkWMBYGA1UdEQQPMA2CCyou	

		c3FhLmxvY2FsMA4GA1UdDwEB/w QEAwIFoDAgBgNV\nHSUBAf8EFj AUBggrBgEFBQcDAgYIKwYBBQUH AwEwDAYDVR0TAQH/BAIwADANBg kq\nhkiG9w0BAQsFAAOCAQEAKU WGEnqq3xtXtEq0WuZ4vlQA3XKP LHtb89z6uUh1bq0+\nL/aKzeL5 LIaR77kVq8oiVxlkaMmNvHtiW+ NxoNpkEbs1iR0eW3URhdve0ZZD Y/pd\n4ouuF0pYyUAb2nQLuK/b sV8V99r1MecERoCnZBYW+hLWGz KGl95fEFE6UeuWLlTb\nCHXQYW jVgyE7hnla3la/1d8Ka2f14lW3 7pi7d5Yqqu4V2+Im8GdsjTLWCG PPc7v+\nqQqMqzXhE8hF+xJ8Dd 7s0v2DuF5K7WdkG6gF7t1BiYyk X1St1g3Zt6VW2VFzpreS\njd1K 48+fFmf5NTQYe3WoC+Meu4e0Kz drzNJG/8YT0A==\n-----END CERTIFICATE-----\n----- BEGIN CERTIFICATE----- \nMIIDiTCCAnGgAwIBAgIGAXLG 2Cr8MA0GCSqGSIb3DQEBCwUAMF MxMzAxBgNVBAMM\nKnZSZWFsaX plIFN1aXRlIExpZmVjeWNsZSBN YW5hZ2VyIExvY2tlciBDQTEPMA 0G\nA1UECgwGVk13YXJlMQswCQ YDVQQGEwJJTjAeFw0yMDA2MTgw OTUyMzVaFw0zMDA2\nMTYwOTUy MzVaMFMxMzAxBgNVBAMMKnZSZW FsaXplIFN1aXRlIExpZmVjeWNs ZSBN\nYW5hZ2VyIExvY2tlciBD QTEPMA0GA1UECgwGVk13YXJlMQ swCQYDVQQGEwJJTjCC\nASIwDQ YJKoZIhvcNAQEBBQADggEPADCC AQoCggEBAI+pvkX8muVzNNpYwj t+1iP8\nPUPkShX53OPEEvU5ey /oBtJfVcvWWS57mHaSVARHspwE HqpRjpFETMCHwdsikDxB\ngIAY j12CDxDtPmGK36z63pM8oLJo5M	

		xbYRVHjdp4LAINpIwcrZkZvmKB M2dWBjOB\nRHDPbINkcDk540fV xxeGjr7CZvOrkV8WYYKKG/F3q+ ez9N6AdYffLszKRYqHVInD\ngH C/BsDe0BEPu03IFPnkRunl6o2+ BoVQ7Fg6hzP23he9IF0fGY8isp J4O8j/a4tI\nk7+IsOAVMXRSr/ 5YvWWyF2AZHxAs0PYowPdvjjHP U+HHfR72pVIVntxAUK4t0QMC\n AwEAAaNjMGEwHQYDVR0OBBYEFL z4m09pNCMIp5IohqvsDoI+oIkW MB8GA1UdIwQY\nMBaAFLz4m09p NCMIp5IohqvsDoI+oIkWMA8GA1 UdEwEB/wQFMAMBAf8wDgYDVR0P \nAQH/BAQDAgGGMA0GCSqGSIb3 DQEBCwUAA4IBAQCCOku6XDT9Ee wrQyDp/XGa+dsM\nPnBukiBsPO +Sm30Bgw2fDzk4qdmKsI/JGvWf rI631afZWtmCADetI32vNI1/dc Sq\ntANg3bac+F7Z0VIkVynSzA IewNkdylh+18MlQ719ah9GKMe5 cHAUoM8/lfhDEkFH\njKI5XYME wOeiZIREX8XDJ5eIZTAKui2LQP uDjUwnzQBF0mGNl2FufimwwBfO x47N\nLlL+5AlHK396NNOydyWT yeEYn357Krp1UTweomvQU55xu4 TbYoYVuAfzwy/6IEq0\nP9bsqr n1FYUC8gWrjArwD6cRt1jn7/fm Unh/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,\"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" } }	

Delete a Product	DELETE	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments/{environmentId}/products/{productId}
		Request parameter :
		environmentId : 9c88ba3d-23c9-4b6c-8c45-f4338fb0a073
		tenantId : <optional>
		productId : vrops
		
		Request body :
		{
		"deleteFromVcenter": true,
		"deleteWindowsVMs": true,
		"standalone": true
		}
		
		Response code : 200 OK
		Response Body :
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}	

Update Product Admin Password	PUT	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/admin-password
		Request parameter :
		environmentId : 9c88ba3d-23c9-4b6c-8c45-f4338fb0a073
		tenantId : <optional>
		productId : vrops
		
		Request body :
		"updateAdminPasswordRequestDTO"
		{
		  "adminPassword": "vrslcm!200",
		  "currentAdminPassword": "vrslcm!"
		}
		
		Response code : 200 OK
		Response Body :
		{
		  "requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}	

Export Product Configuration (Simple/Advance)	GET	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/configuration
		Simple Configuration
		Request parameters :
		environmentId : vRSSmallImportEnvironment1596725174541
		productId : vra
		type : simple
		
		Response code : 200 OK
		Response body :
		{
		"environmentId": "vRSSmallImportEnvironment1596725174541",
		"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",
            "vmName":
"dgnaneswaran_SS_vrava_pre
lude_SN",
```

		"ip": "10.196.187.32" } }], "properties": { "__vraTenantList": "[]", "licenseRef": "locker:license:9590fc80-8efb-4ac6-b81c-a179467adc68:CICDSuiteLicense" } }] } **Advanced Configuration** Request parameters : environmentId : vRSSmallImportEnvironment1596725174541 productId : vra type : advanced Response code : 200 OK Response body : { "environmentId": "vRSSmallImportEnvironment1596725174541", "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_Cluster_07",
		"vmName": "dgnaneswaran_SS_vrava_prelude_SN",
		"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_vsanDatastore01",
		"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"
		}
		}
		]
		}	

Delete Product Data Source	DELETE	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/data-sources
		ciscoucs type
		Request parameters :
		environmentId : 222e4502-85c1-4b42-8731-7bd59b9af5e6
		productId : vrni
		
		Request body :
		"updateDataSourcePasswordRequestDTO"
		{
		"type": "ciscoucs",
		"properties": {
		"dsNickname": "ucs-manager",
		"proxyIP": "10.158.28.208",
		"dsUsername": "ucs_user2",
		"dsPassword": "",
		"dsIp": "10.40.13.40",
		"snmpEnabled": "true"
		}
		}
		Response code : 200 OK
		Response body :
		{
		"requestId": "ffe1fc45-b522-4b38-a37f-45115d40d938"
		}
		nsxt type
			Here "nodeType" may vary as "switch", "nsx", "nsxt", "vc", "ciscoucs", etc.

		Request parameters :
		environmentId : 222e4502-85c1-4b42-8731-7bd59b9af5e6
		productId : vrni
		
		Request body :
		"updateDataSourcePasswordRequestDTO"
		{
		"type": "nsxt",
		"properties": {
		"dsNickname": "NSXT",
		"proxyIP": "10.158.28.208",
		"dsUsername": "admin",
		"dsPassword": "",
		"dsNotes": "",
		"dsIp": "10.158.128.28"
		}
		}
		
		Response code : 200 OK
		Response body :
		{
		"requestId": "ffe1fc45-b522-4b38-a37f-45115d40d938"
		}
		nsx type
		Request parameters :
		environmentId : 222e4502-85c1-4b42-8731-7bd59b9af5e6
		productId : vrni	

		Request body :
		"updateDataSourcePasswordRequestDTO"
		{
		"type": "nsx",
		"properties": {
		"dsNickname": "nsxvc1",
		"proxyIP": "10.158.28.208",
		"dsUsername": "admin",
		"vCenterIp": "lcm-vc1.sqa.local",
		"dsPassword": "",
		"dsIp": "10.196.55.200",
		"dsNotes": ""
		}
		}
		
		Response code : 200 OK
		Response body :
		{
		"requestId": "ffe1fc45-b522-4b38-a37f-45115d40d938"
		}
		switch type
		Request parameters :
		environmentId : 222e4502-85c1-4b42-8731-7bd59b9af5e6
		productId : vrni
		
		Request body :
		"updateDataSourcePasswordRequestDTO"
		{
		"type": "switch",	

		"properties": {
		"snmpSelected": ""
		"dsNickname": "snmp validation"
		"switchType": ""
		"proxyIP": "10.158.28.208"
		"dsUsername": "admin"
		"dsPassword": ""
		"dsIp": "10.40.13.36"
		"dsNotes": ""
		"snmpEnabled": "true"
		}
		}
		
		Response code : 200 OK
		Response body :
		{
		"requestId": "ffe1fc45-b522-4b38-a37f-45115d40d938"
		}
		vc type
		Request parameters :
		environmentId : 222e4502-85c1-4b42-8731-7bd59b9af5e6
		productId : vrni
		
		Request body :
		"updateDataSourcePasswordRequestDTO"
		{
		"type": "vc",
		"properties": {	

		"dsNickname": "WDC-LCM-test",
		"proxyIP": "10.158.28.208",
		"dsUsername": "administrator@vsphere.local",
		"dsPassword": "locker:password:b332e059-77d3-4923-8b8a-1010b6326484:Vrslcm1!",
		"dsIp": "wdc-lcm-vc.sqa.local",
		"dsNotes": "",
		"dvSwitchList": ""
		}
		}
		
		Response code : 200 OK
		Response body :
		{
		"requestId": "ffe1fc45-b522-4b38-a37f-45115d40d938"
		}	

Update Product Data Source	PUT	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/data-sources
		Request parameters :
		environmentId : 222e4502-85c1-4b42-8731-7bd59b9af5e6
		productId : vrni
		
		Request body :
		"updateDataSourcePasswordRequestDTO"
		{
		"dataSourceIpList": [],
		"newPassword": "",
		"userNameToUpdate": "admin@local",
		"properties": {
		"proxyIP": "10.158.28.208",
		"dsIp": "10.158.128.28",
		"dsUsername": "admin",
		"dsPassword": "locker:password:f1477e9a-5029-4113-a55f-8edd1aacffcf:vrslcm@505",
		"dsNickname": "NSXT",
		"nodeType": "nsxt"
		}
		}
		
		Response code : 200 OK
		Response body :
			Here "nodeType" may vary as "switch", "nsx", "nsxt", "vc", "ciscoucs", etc.

		{
		"requestId": "ffe1fc45-b522-4b38-a37f-45115d40d938"
		}	

Pre-Validate Product Data Source	POST	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/data-sources/pre-validate
		Request parameters :
		environmentId : 222e4502-85c1-4b42-8731-7bd59b9af5e6
		productId : vrni
		
		Request body :
		"updateDataSourcePasswordRequestDTO"
		{
		"dataSourceIpList": [],
		"newPassword": "",
		"userNameToUpdate": "admin@local",
		"properties": {
		"proxyIP": "10.158.28.208",
		"dsIp": "10.158.128.28",
		"dsUsername": "admin",
		"dsPassword": "locker:password:f1477e9a-5029-4113-a55f-8edd1aacffcf:vrslcm@505",
		"dsNickname": "NSXT",
		"nodeType": "nsxt"
		}
		}
			Here "nodeType" may vary as "switch", "nsx", "nsxt", "vc", "ciscoucs", etc.

		Response code : 200 OK
		Response body :
		{
		"requestId": "ffe1fc45-b522-4b38-a37f-45115d40d938"
		}	

Get Deployed Product VMs	GET	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/deployed-vms
		Request parameters :
		environmentId : vRSSmallImportEnvironment1596725174541
		productId : vra
		getWindowsVms : true
		
		Response code : 200 OK
		Response body :
		[
		{
		"hostname": "lcm2-187-32.sqa.local",
		"vmName": "dgnaneswaran_SS_vrava_prelude_SN",
		"vCenterHost": "eso-vc07.eng.vmware.com"
		}
		]
			getWindowsVms can be
			
			either true or false and is optional parameter.

Check Product Health	POST	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/health-check
		`Request parameter :`
		`environmentId : 9c88ba3d-23c9-4b6c-8c45-f4338fb0a073`
		`productId : vrops`
		
		`Response code : 200 OK`
		`Response Body :`
		`{`
		`"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"`
		`}`	

Trigger Inventory Sync for Product	POST	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/inventory-sync
		`Request parameter :`
		`environmentId : 9c88ba3d-23c9-4b6c-8c45-f4338fb0a073`
		`productId : vrni`
		
		`Response code : 200 OK`
		`Response Body :`
		`{`
		`"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"`
		`}`	

Update Product Node Password	PUT	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/nodes/{nodeType}
		Request parameters :
		environmentId : 0de52c3d-676e-4a20-a64e-ca104c4c3403
		productId : vrops
		tenantId : <optional>
		nodeType : master
		
		Request body :
		"updateNodePasswordRequestDTO"
		{
		"currentPassword": "VMware@45",
		"hostName": "lcm-34-241.sqa.local",
		"newPassword": "vrslcm!",
		"userNameToUpdate": "root"
		}
		
		Response code : 200 OK
		Response body :
		{
		"requestId": "da964ae2-81dc-45f0-bbec-a3acb37cc028"
		}	

Power Off Product	POST	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/power-off
		Request parameter :
		environmentId : 9c88ba3d-23c9-4b6c-8c45-f4338fb0a073
		productId : vrbc
		
		Response code : 200 OK
		Response Body :
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}	

Power On Product	POST	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/power-on
		Request parameter :
		environmentId : 9c88ba3d-23c9-4b6c-8c45-f4338fb0a073
		productId : vrbc
		
		Response code : 200 OK
		Response Body :
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}	

Get all Product Snapshots	GET	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/snapshots
		Request parameter :
		environmentId : 0de52c3d-676e-4a20-a64e-ca104c4c3403
		productId : vrops
		
		Response code : 200 OK
		Response Body :
		[
		  {
		
		"snapshotGeneratedTime": 1596774385117,
		  "snapshotName": "vrops_ - Fri Aug 07 04:24:22 UTC 2020",
		  "snapshotWithMemory": true
		  },
		  {
		
		"snapshotGeneratedTime": 1596774817746,
		  "snapshotName": "snapshot2 - Fri Aug 07 04:31:34 UTC 2020",
		  "snapshotWithMemory": true
		  }
		]	

Create a Product Snapshot request	POST	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/snapshots
		Request parameter :
		environmentId : 0de52c3d-676e-4a20-a64e-ca104c4c3403
		tenantId : <optional>
		productId : vrops
		
		Request body :
		{
		"snapshotPrefix": "snapshot2",
		"snapshotWithMemory": true
		}
		
		Response code : 200 OK
		Response Body :
		{
		"requestId": "a3f77209-0005-44b3-9eb5-ac1a1ba19394"
		}	

Get Product Snaphsot by Name	GET	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/snapshots/{snapshotName}
		Request parameter :
		environmentId : 0de52c3d-676e-4a20-a64e-ca104c4c3403
		productId : vrops
		snapshotName : snapshot2 - Fri Aug 07 04:31:34 UTC 2020
		
		Response code : 200 OK
		Response Body :
		{
		"snapshotGeneratedTime": 1596774817746,
		"snapshotName": "snapshot2 - Fri Aug 07 04:31:34 UTC 2020",
		"snapshotWithMemory": true
		}	

Revert a Product Snapshot	POST	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/snapshots/{snapshotName}/revert
		`Request parameter :`
		`environmentId : 0de52c3d-676e-4a20-a64e-ca104c4c3403`
		`productId : vrops`
		`snapshotName : snapshot2 - Fri Aug 07 04:31:34 UTC 2020`
		
		`Response code : 200 OK`
		`Response Body :`
		`{`
		`  "requestId": "2b363f75-1c43-4b7a-af97-27fa76e552fb"`
		`}`	

Create a Product Upgrade request	POST	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/upgrade
		The linked image cannot be displayed. The file may have been moved, renamed, o...vROPS
		Request Parameters :
		environmentId : 0de52c3d-676e-4a20-a64e-ca104c4c3403
		productId : vrops
		
		Request body :
		{
		"productVersion": "7.6.0",
		"repositoryType": "lcmRepository",
		"repositoryUrl": "/data/nfsPath/vrops800.pak",
		"licenseRef" : null
		}
		
		Response code : 200 OK
		Response body :
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}
		The linked image cannot be displayed. The file may have been moved, renamed, o...vRLI
		Request Parameters :
		environmentId : 0de52c3d-676e-4a20-a64e-ca104c4c3403
		productId : vrli	

		Request body :
		{
		"productVersion": "8.0.0",
		"repositoryType": "lcmRepository",
		"repositoryUrl": "/data/nfsPath/vrli800.pak",
		"licenseRef" : null
		}
		
		Response code : 200 OK
		Response Body :
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}
		The linked image cannot be displayed. The file may have been moved, renamed, o...vRBC
		Request Parameters :
		environmentId : 0de52c3d-676e-4a20-a64e-ca104c4c3403
		productId : vrbc
		Request body :
		{
		"productVersion": "7.3.0",
		"repositoryType": "lcmRepository",
		"repositoryUrl": "/data/nfsPath/vrbc.pak",
		"licenseRef" : null
		}	

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

		The linked image cannot be displayed. The file may have been moved, renamed, o...vIDM
		Request Parameters :
		environmentId : 0de52c3d-676e-4a20-a64e-ca104c4c3403
		productId : vra
		
		Request body :
		{
		"productVersion": "3.3.0",
		"repositoryType": "lcmRepository",
		"repositoryUrl": "/data/nfsPath/vra330.pak",
		"licenseRef" : null
		}
		
		Response code : 200 OK
		Response Body :
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}
		The linked image cannot be displayed. The file may have been moved, renamed, o...vRNI
		Request Parameters :
		environmentId : 0de52c3d-676e-4a20-a64e-ca104c4c3403
		productId : vrni
		
		Request Body :
		{	

		"productVersion": "7.6.0",
		"repositoryType": "lcmRepository",
		"repositoryUrl": "/data/nfsPath/vrni600.pak",
		"licenseRef" : null
		}
		
		Response code : 200 OK
		Response Body :
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}	

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

		"properties": {
		"ip":
		"10.196.57.86",
		
		"requiredCpuCount": "8",
		
		"requiredMemory": "8",
		
		"requiredCapacity": "8",
		"sizingGroup":
		"large",
		
		"extendedStorage":
		"vSANDATASTORE"
		}
		}
		],
		"properties": {}
		}
		}
		
		Response code : 200 OK
		Response body :
		{
		"requestId":"1dac1
		94a-6e1f-4772-a97d-
		af300ad5086c"
		}
		The linked image cannot be displayed. The file may have been moved, renamed, o... vRLI
		Request parameters :
		environmentId : b72923d6-
		9af8-4b6a-b23c-
		1fed1fd18229
		productId : vrli
		
		Request body :
		{
		"product": {	

		"id": "vrli",
		"nodes": [
		{
		"type": "vrli-master",
		"properties": {
		"ip": "10.196.57.77",
		"requiredCpuCount": "8",
		"requiredMemory": "8",
		"requiredCapacity": "8",
		"sizingGroup": "large",
		"extendedStorage": "vSANDATASTORE"
		}
		},
		{
		"type": "vrli-worker",
		"properties": {
		"ip": "10.196.57.86",
		"requiredCpuCount": "8",
		"requiredMemory": "8",
		"requiredCapacity": "8",
		"sizingGroup": "large",
		"extendedStorage": "vSANDATASTORE"	

		}
		},
		{
		"type": "vrli-worker",
		"properties": {
		"ip": "10.196.57.78",
		"requiredCpuCount": "8",
		"requiredMemory": "8",
		"requiredCapacity": "8",
		"sizingGroup": "large",
		"extendedStorage": "vSANDATASTORE"
		}
		}
		],
		"properties": {}
		}
		}
		
		Response code : 200 OK
		Response body :
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}
		The linked image cannot be displayed. The file may have been moved, renamed, o...
		vIDM
		Request parameters :
		environmentId : globalenvironment
		productId : vidm	

		Request body :
		{
		  "product": {
		  "id": "vidm",
		  "nodes": [
		  {
		  "type": "vidm-primary",
		"properties": {
		  "ip": "10.196.57.77",
		"requiredCpuCount": "8",
		"requiredMemory": "8",
		"requiredCapacity": "8",
		"sizingGroup": "medium",
		"extendedStorage": "vSANDATASTORE"
		  }
		  },
		  {
		  "type": "vidm-secondary",
		"properties": {
		  "ip": "10.196.57.86",
		"requiredCpuCount": "8",
		"requiredMemory": "8",
		"requiredCapacity": "8",	

		"sizingGroup": "medium",
		
		"extendedStorage": "vSANDATASTORE"
		}
		}
		],
		"properties": {}
		}
		}
		
		Response code : 200 OK
		Response body :
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}
		vRNI
		Request parameters :
		environmentId : b72923d6-9af8-4b6a-b23c-1fed1fd18229
		productId : vrni
		
		Request body :
		
		Response code : 200 OK
		Response body :
		{
		"requestId":"1dac194a-6e1f-4772-a97d-af300ad5086c"
		}	

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

		"type":"remotecollector",
		"properties":{
		
		"ip":"10.196.57.73",
		
		"sizingGroup":"smallrc",
		
		"requiredCpuCount":"16",
		
		"requiredMemory":"48",
		
		"requiredCapacity":"300",
		
		"extendedStorage":"ISCSI-15TB-02 (1)"
		}
		}
		],
		"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"
		}
		The linked image cannot be displayed. The file may have been moved, renamed, o... 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",
		
		"sizingGroup":"smallrc",
		
		"requiredCpuCount":"16",
		
		"requiredMemory":"48",
		
		"requiredCapacity":"300",
		
		"extendedStorage":"ISCSI-15TB-02 (1)"
		}
		}
		],
		"properties":{
		
		}
		}
		}
		
		Response code : 200 OK
		Response body :
		{	

		"requestId": "09bdd493-a22f-47c7-b9eb-7ead2a3f8116"
		}
		The linked image cannot be displayed. The file may have been moved, renamed, o...vIDM
		Request parameters :
		environmentId : b72923d6-9af8-4b6a-b23c-1fed1fd18229
		productId : vidm
		
		Request body :
		{
		"product":{
		"id":"vidm",
		"nodes":[
		{
		"type":"primary",
		"properties":{
		"ip":"10.196.57.69",
		"sizingGroup":"large",
		"requiredCpuCount":"16",
		"requiredMemory":"48",
		"requiredCapacity":"300",
		"extendedStorage":"ISCSI-15TB-02 (1)"
		}
		},
		{
		"type":"secondary",
		"properties":{	

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

Get Interops Matrix for a Product	GET	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/versions/{version}/interops
		Request parameters :
		environmentId : b72923d6-9af8-4b6a-b23c-1fed1fd18229
		productId : vrops
		
		version : 8.1.1
		
		Response body :
		[
		  {
		  "releaseId": 2136,
		  "major": 6,
		  "medium": 0,
		  "minor": 0,
		  "update": "3",
		  "productId": 2,
		  "productName": "VMware vCenter Server",
		  "version": "6.0.0 U3",
		  "compatible": "true",
		  "installedVersion": false,
		  "newVersion": false
		  },
		  {
		  "releaseId": 2332,
		  "major": 6,	

```
    "medium": 5,
    "minor": 0,
    "update": "1",
    "productId": 2,
    "productName": "VMware
vCenter Server",
    "version": "6.5.0 U1",
    "compatible": "true",
    "installedVersion":
false,
    "newVersion": false
  },
  {
    "releaseId": 2433,
    "major": 7,
    "medium": 4,
    "minor": 0,
    "update": "0",
    "productId": 114,
    "productName": "VMware
vRealize Automation",
    "version": "7.4.0",
    "compatible": "true",
    "installedVersion":
false,
    "newVersion": false
  },
  {
    "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,
```

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    "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,
    "productName": "VMware
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
  },
  {
    "releaseId": 2862,
    "major": 6,
    "medium": 7,
    "minor": 0,
    "update": "1",
    "productId": 2,
    "productName": "VMware
vCenter Server",
    "version": "6.7.0 U1",
    "compatible": "true",
```

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    "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
  },
  {
    "releaseId": 3222,
    "major": 6,
    "medium": 7,
    "minor": 0,
    "update": "2",
```

		"productId": 2, "productName": "VMware vCenter Server", "version": "6.7.0 U2", "compatible": "true", "installedVersion": false, "newVersion": false }, { "releaseId": 3225, "major": 6, "medium": 4, "minor": 5, "update": "0", "productId": 93, "productName": "VMware NSX for vSphere", "version": "6.4.5", "compatible": "true", "installedVersion": false, "newVersion": false }, { "releaseId": 3286, "major": 6, "medium": 7, "minor": 0, "update": "2", "productId": 100, "productName": "VMware vSAN™", "version": "6.7.0 U2", "compatible": "true", "installedVersion": false, "newVersion": false }, {	

		"releaseId": 3291, "major": 7, "medium": 6, "minor": 0, "update": "0", "productId": 114, "productName": "VMware vRealize Automation", "version": "7.6.0", "compatible": "true", "installedVersion": false, "newVersion": false }, { "releaseId": 3331, "major": 8, "medium": 0, "minor": 0, "update": "0", "productId": 114, "productName": "VMware vRealize Automation", "version": "8.0.0", "compatible": "true", "installedVersion": false, "newVersion": false }, { "releaseId": 3364, "major": 6, "medium": 5, "minor": 0, "update": "3", "productId": 2, "productName": "VMware vCenter Server", "version": "6.5.0 U3", "compatible": "true",	

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    "installedVersion":
false,
    "newVersion": false
  },
  {
    "releaseId": 3457,
    "major": 6,
    "medium": 7,
    "minor": 0,
    "update": "3",
    "productId": 2,
    "productName": "VMware
vCenter Server",
    "version": "6.7.0 U3",
    "compatible": "true",
    "installedVersion":
false,
    "newVersion": false
  },
  {
    "releaseId": 3496,
    "major": 7,
    "medium": 0,
    "minor": 0,
    "update": "0",
    "productId": 2,
    "productName": "VMware
vCenter Server",
    "version": "7.0.0",
    "compatible": "true",
    "installedVersion":
false,
    "newVersion": false
  },
  {
    "releaseId": 3608,
    "major": 6,
    "medium": 4,
    "minor": 6,
    "update": "0",
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    "newVersion": false
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    "minor": 2,
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    "productName": "VMware
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    "version": "3.3.2",
    "compatible": "true",
    "installedVersion":
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    "newVersion": false
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    "major": 5,
    "medium": 3,
    "minor": 0,
    "update": "0",
    "productId": 285,
    "productName":
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    "version": "5.3.0",
    "compatible": "true",
    "installedVersion":
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    "newVersion": false
  },
  {
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    "major": 8,
    "medium": 1,
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		"minor": 1, "update": "0", "productId": 88, "productName": "VMware vRealize Log Insight", "version": "8.1.1", "compatible": "true", "installedVersion": false, "newVersion": false }, { "releaseId": 4264, "major": 8, "medium": 2, "minor": 0, "update": "0", "productId": 88, "productName": "VMware vRealize Log Insight", "version": "8.2.0", "compatible": "true", "installedVersion": false, "newVersion": false }, { "releaseId": 4276, "major": 7, "medium": 0, "minor": 0, "update": "1", "productId": 2, "productName": "VMware vCenter Server", "version": "7.0.0 U1", "compatible": "true", "installedVersion": false, "newVersion": false	

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  },
  {
    "releaseId": 431,
    "major": 6,
    "medium": 0,
    "minor": 0,
    "update": "0",
    "productId": 2,
    "productName": "VMware
vCenter Server",
    "version": "6.0.0",
    "compatible": "true",
    "installedVersion":
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    "newVersion": false
  },
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    "major": 8,
    "medium": 2,
    "minor": 0,
    "update": "0",
    "productId": 114,
    "productName": "VMware
vRealize Automation",
    "version": "8.2.0",
    "compatible": "true",
    "installedVersion":
false,
    "newVersion": false
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    "major": 6,
    "medium": 0,
    "minor": 0,
    "update": "0",
    "productId": 285,
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		{
		"releaseId": 695, "major": 6, "medium": 0, "minor": 0, "update": "1", "productId": 2, "productName": "VMware vCenter Server", "version": "6.0.0 U1", "compatible": "true", "installedVersion": false, "newVersion": false
		},
		{
		"releaseId": 998, "major": 6, "medium": 0, "minor": 0, "update": "2", "productId": 2, "productName": "VMware vCenter Server", "version": "6.0.0 U2", "compatible": "true", "installedVersion": false, "newVersion": false
		}
		]	

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 v8.3 of vRSLCM

Below steps are followed -

Name	HTTP Method	Endpoint	Description

Generate Environment log bundle	POST	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/lcops/api/v2/environments/{environmentId}/log-bundles
		`Request Parameters :`
		`environmentId : dc302831-8232-4820-9479-6921edb86cf7`
		
		`Response code : 200 OK`
		`Response body :`
		`{`
		`  "requestId": "4388a82c-fb13-488e-ac32-dc5abac4abec"`
		`}`	

Get all Environment log bundle	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/lcops/api/v2/environments/{environmentId}/log-bundles
		Request Parameters :
		environmentId : dc302831-8232-4820-9479-6921edb86cf7
		
		Response code : 200 OK
		Response body :
		[
		  {
		  "logGeneratedTime": 1607335811069,
		  "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"
		  },
		  {
		  "logGeneratedTime": 1607335868688,
		  "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"
		  }
		]	

Generate Product log bundle	POST	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/log-bundles
		Request Parameters :
		environmentId : dc302831-8232-4820-9479-6921edb86cf7
		productId : vrops
		
		Response code : 200 OK
		Response body :
		{
		  "requestId": "4388a82c-fb13-488e-ac32-dc5abac4abec"
		}	

Get all Product log bundles	GET	/lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/log-bundles
		Request Parameters :
		environmentId : dc302831-8232-4820-9479-6921edb86cf7
		productId : vrops
		
		Response code : 200 OK
		Response body :
		[
		{
		"logGeneratedTime": 1607335505248,
		"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"
		}
		]	

Product Patch Operation APIs

Name	HTTP Method	Endpoint	Description

Check Patches online	POST	/lcm/lcops/api/v2/settings/patch-binaries
		Response code : 200 OK
		Response body :
		{
		"requestId": "4c574702-7fd9-4d1b-bb2a-ef8da2a5d371"
		}	

Get all Patch binaries	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/lcops/api/v2/settings/patch-binaries
		Response code : 200 OK
		Response body :
		[
		  {
		  "patchInfo": {
		  "name": "vRealize Automation, version 7.5.0 - HF20",
		  "summary": "vRSLCM wrapped vRealize Automation, version 7.5.0 - HF20 Patch",
		  "description": "vRSLCM wrapped vRealize Automation, version 7.5.0 - HF20 Patch",
		  "kbUrl": "https://kb.vmware.com/s/article/60310",
		  "eulaFile": null,
		  "category": "bugfix",
		  "urgency": "critical",
		  "releaseType": "patch",
		  "releaseDate": 1597145483230,
		  "additionaInfo": {}
		  },
		  "metadataId": "vrlcm-vra-7.5.0-HF20",
		  "metadataVersion": "1",
		  "patchId": "406d5db9-ef98-404f-8fc6-c43c22027ebe",
		  "patchBundleCreationDate": 1597145699473,
		  "selfPatch": false,
		  "product": {
		  "productId": "vra",
		  "productName": "vRealize Automation",
		  "productVersion": "7.5.0",
		  "supportedVersions": [
		  "7.5.0"
		  ],
		  "productBuild": null,
		  "productPatchBuild": null,
		  "additionaInfo": {}
		  },
		  "payload": {
		  "productPatchLevel": "HF20",
		  "patchPayloadFilename": "vRA-7.5.0-16686939-HF20.patch",
		  "patchPayloadUri": null,	

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      "patchPayloadSize": 5909299585,
      "sha256sum":
"004e341ed5ef48bb8fc179bd0e00e91054024f8e8f672ae5fc52948f641b3388",
      "productMinorLevel": null
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    "patchFileName": "vrlcm-vra-7.5.0-HF20.patch",
    "patchSize": 6073307467,
    "patchSha256sum":
"ab7f25d87ea3f8ffc36f13bc131554b04e97c05a85cbc79a13bb177d19a92fc0",
    "patchRunningCounter": 1,
    "patchStatus": "ACTIVE",
    "patchDownloadStatus": "NOTAVAILABLE",
    "extract": false,
    "patchCounter": "20"
  },
  {
    "patchInfo": {
      "name": "vRealize Automation, version 7.5.0 - HF21",
      "summary": "vRSLCM wrapped vRealize Automation, version 7.5.0
- HF21 Patch",
      "description": "vRSLCM wrapped vRealize Automation, version
7.5.0 - HF21 Patch",
      "kbUrl": "https://kb.vmware.com/s/article/60310",
      "eulaFile": null,
      "category": "bugfix",
      "urgency": "critical",
      "releaseType": "patch",
      "releaseDate": 1600176762011,
      "additionaInfo": {}
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    "metadataId": "vrlcm-vra-7.5.0-HF21",
    "metadataVersion": "1",
    "patchId": "7e46da9b-81bf-4205-bf8d-5a5b150dfc5b",
    "patchBundleCreationDate": 1600177110065,
    "selfPatch": false,
    "product": {
      "productId": "vra",
      "productName": "vRealize Automation",
      "productVersion": "7.5.0",
      "supportedVersions": [
```

```
        "7.5.0"
      ],
      "productBuild": null,
      "productPatchBuild": null,
      "additionaInfo": {}
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    "payload": {
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      "patchPayloadFilename": "vRA-7.5.0-16877598-HF21.patch",
      "patchPayloadUri": null,
      "patchPayloadSize": 5909902828,
      "sha256sum":
"a2cfb82d72072c8beae5c5fb9c563c79a46dccfa90b342dff099f1d0eeaa7f09",
      "productMinorLevel": null
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    "patchFileName": "vrlcm-vra-7.5.0-HF21.patch",
    "patchSize": 6073923084,
    "patchSha256sum":
"9fed5f30f7c2967b0cdaac3b914a49b3aaec6520c4ef422b90cd570a3f9794e5",
    "patchRunningCounter": 2,
    "patchStatus": "ACTIVE",
    "patchDownloadStatus": "NOTAVAILABLE",
    "extract": false,
    "patchCounter": "21"
  },
  {
    "patchInfo": {
      "name": "vRealize Automation, version 7.6.0 - HF17",
      "summary": "vRSLCM wrapped vRealize Automation, version 7.6.0
- HF17 Patch",
      "description": "vRSLCM wrapped vRealize Automation, version
7.6.0 - HF17 Patch",
      "kbUrl": "https://kb.vmware.com/kb/70911",
      "eulaFile": null,
      "category": "bugfix",
      "urgency": "critical",
      "releaseType": "patch",
      "releaseDate": 1604041063723,
      "additionaInfo": {}
    },
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    "metadataVersion": "1",
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    "patchBundleCreationDate": 1604041595586,
    "selfPatch": false,
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      "productName": "vRealize Automation",
      "productVersion": "7.6.0",
      "supportedVersions": [
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      "productBuild": null,
      "productPatchBuild": null,
      "additionaInfo": {}
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    "payload": {
      "productPatchLevel": "HF17",
      "patchPayloadFilename": "vRA-7.6.0-17090490-HF17.patch",
      "patchPayloadUri": null,
      "patchPayloadSize": 4752713362,
      "sha256sum":
"5913fdf75228b7b47956fa0c2384a8d08f7efa3b400babd80d214c0e3d2babff",
      "productMinorLevel": null
    },
    "patchFileName": "vrlcm-vra-7.6.0-HF17.patch",
    "patchSize": 4884525409,
    "patchSha256sum":
"6af84afa3358747590a871111d5b1e9869d3885a25011876dfed840680354b2d",
    "patchRunningCounter": 1,
    "patchStatus": "ACTIVE",
    "patchDownloadStatus": "NOTAVAILABLE",
    "extract": false,
    "patchCounter": "17"
  },
  {
    "patchInfo": {
      "name": "vRealize Automation, version 7.6.0 - HF18",
      "summary": "vRSLCM wrapped vRealize Automation, version 7.6.0
- HF18 Patch",
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      "description": "vRSLCM wrapped vRealize Automation, version
7.6.0 - HF18 Patch",
      "kbUrl": "https://kb.vmware.com/kb/70911",
      "eulaFile": null,
      "category": "bugfix",
      "urgency": "critical",
      "releaseType": "patch",
      "releaseDate": 1605349538457,
      "additionaInfo": {}
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    "patchBundleCreationDate": 1605349783181,
    "selfPatch": false,
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      "productName": "vRealize Automation",
      "productVersion": "7.6.0",
      "supportedVersions": [
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      ],
      "productBuild": null,
      "productPatchBuild": null,
      "additionaInfo": {}
    },
    "payload": {
      "productPatchLevel": "HF18",
      "patchPayloadFilename": "vRA-7.6.0-17151352-HF18.patch",
      "patchPayloadUri": null,
      "patchPayloadSize": 5078654421,
      "sha256sum":
"9dcc2dee892556e0cb6a4e72ab239072afa5aaf821825a7728bb33535cdd84da",
      "productMinorLevel": null
    },
    "patchFileName": "vrlcm-vra-7.6.0-HF18.patch",
    "patchSize": 5219517149,
    "patchSha256sum":
"3c8390675b6c25fa6520f8ad81a265f62be354c20ef5edad4fe4bf7a2fb778b3",
    "patchRunningCounter": 2,
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    "patchDownloadStatus": "NOTAVAILABLE",
    "extract": false,
    "patchCounter": "18"
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  {
    "patchInfo": {
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      "summary": "vRSLCM wrapped vRealize Automation, version
8.0.1.7526 Patch4",
      "description": "vRSLCM wrapped vRealize Automation, version
8.0.1.7526 Patch4",
      "kbUrl": "https://kb.vmware.com/s/article/76805",
      "eulaFile": null,
      "category": "bugfix",
      "urgency": "critical",
      "releaseType": "patch",
      "releaseDate": 1590039695062,
      "additionaInfo": {}
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    "metadataId": "vrlcm-vra-8.0.1-8.0.1.7526",
    "metadataVersion": "1",
    "patchId": "c0a13037-3906-43b8-8eb3-7f73e76c3ea8",
    "patchBundleCreationDate": 1590039921132,
    "selfPatch": false,
    "product": {
      "productId": "vra",
      "productName": "vRealize Automation",
      "productVersion": "8.0.1",
      "supportedVersions": [
        "8.0.1"
      ],
      "productBuild": null,
      "productPatchBuild": null,
      "additionaInfo": {}
    },
    "payload": {
      "productPatchLevel": "8.0.1.7526",
      "patchPayloadFilename": "Prelude_VA-8.0.1.7526-16240994-
updaterepo.iso",
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      "patchPayloadUri": null,
      "patchPayloadSize": 4515411968,
      "sha256sum":
"64693adf4bc094ed0ca43d3fe579645528bd54a58080d2eab74501ec1b800d63",
      "productMinorLevel": null
    },
    "patchFileName": "vrlcm-vra-8.0.1-8.0.1.7526.patch",
    "patchSize": 4408804705,
    "patchSha256sum":
"42e98267614f5f559ca760a5b968d20787dd6d47d250b160ccdc3a56e0b1afb4",
    "patchRunningCounter": 1,
    "patchStatus": "ACTIVE",
    "patchDownloadStatus": "NOTAVAILABLE",
    "extract": true,
    "patchCounter": "4"
  },
  {
    "patchInfo": {
      "name": "vRealize Automation, version 8.0.1.7553",
      "summary": "vRSLCM wrapped vRealize Automation, version
8.0.1.7553 Patch5",
      "description": "vRSLCM wrapped vRealize Automation, version
8.0.1.7553 Patch5",
      "kbUrl": "https://kb.vmware.com/kb/76805",
      "eulaFile": null,
      "category": "bugfix",
      "urgency": "critical",
      "releaseType": "patch",
      "releaseDate": 1593425475295,
      "additionaInfo": {}
    },
    "metadataId": "vrlcm-vra-8.0.1-8.0.1.7553",
    "metadataVersion": "1",
    "patchId": "dd55fc43-7603-403f-b994-ff71067ce9d5",
    "patchBundleCreationDate": 1593425775477,
    "selfPatch": false,
    "product": {
      "productId": "vra",
      "productName": "vRealize Automation",
      "productVersion": "8.0.1",
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      "supportedVersions": [
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      ],
      "productBuild": null,
      "productPatchBuild": null,
      "additionaInfo": {}
    },
    "payload": {
      "productPatchLevel": "8.0.1.7553",
      "patchPayloadFilename": "Prelude_VA-8.0.1.7553-16469358-
updaterepo.iso",
      "patchPayloadUri": null,
      "patchPayloadSize": 4539801600,
      "sha256sum":
"5c892757233fe1f2b3f7e971f58d48989d9b598de40dfbb7ad736a4a6e52106f",
      "productMinorLevel": null
    },
    "patchFileName": "vrlcm-vra-8.0.1-8.0.1.7553.patch",
    "patchSize": 4433813102,
    "patchSha256sum":
"6e4b88b39f90e7f0ecfc9b9d5b8e894e47219ee8002cadee9e2851eb5486901a",
    "patchRunningCounter": 2,
    "patchStatus": "ACTIVE",
    "patchDownloadStatus": "NOTAVAILABLE",
    "extract": true,
    "patchCounter": "5"
  },
  {
    "patchInfo": {
      "name": "vRealize Automation, version 8.1.0.9465",
      "summary": "vRSLCM wrapped vRealize Automation, version
8.1.0.9465 Patch1",
      "description": "vRSLCM wrapped vRealize Automation, version
8.1.0.9465 Patch1",
      "kbUrl": "https://kb.vmware.com/kb/79170",
      "eulaFile": null,
      "category": "bugfix",
      "urgency": "critical",
      "releaseType": "patch",
      "releaseDate": 1592395447924,
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      "additionaInfo": {}
    },
    "metadataId": "vrlcm-vra-8.1.0-8.1.0.9465",
    "metadataVersion": "1",
    "patchId": "9c8812d5-63e3-4001-ac28-be7a7b67defc",
    "patchBundleCreationDate": 1592395674603,
    "selfPatch": false,
    "product": {
      "productId": "vra",
      "productName": "vRealize Automation",
      "productVersion": "8.1.0",
      "supportedVersions": [
        "8.1.0"
      ],
      "productBuild": null,
      "productPatchBuild": null,
      "additionaInfo": {}
    },
    "payload": {
      "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": "NOTAVAILABLE",
    "extract": true,
    "patchCounter": "1"
  },
  {
    "patchInfo": {
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      "name": "vRealize Automation, version 8.1.0.9583",
      "summary": "vRSLCM wrapped vRealize Automation, version
8.1.0.9583 Patch2",
      "description": "vRSLCM wrapped vRealize Automation, version
8.1.0.9583 Patch2",
      "kbUrl": "https://kb.vmware.com/kb/79170",
      "eulaFile": null,
      "category": "bugfix",
      "urgency": "critical",
      "releaseType": "patch",
      "releaseDate": 1595612837019,
      "additionaInfo": {}
    },
    "metadataId": "vrlcm-vra-8.1.0-8.1.0.9583",
    "metadataVersion": "1",
    "patchId": "de7db0d3-4a63-4c35-bcb1-e9e5b96f6710",
    "patchBundleCreationDate": 1595613498040,
    "selfPatch": false,
    "product": {
      "productId": "vra",
      "productName": "vRealize Automation",
      "productVersion": "8.1.0",
      "supportedVersions": [
        "8.1.0"
      ],
      "productBuild": null,
      "productPatchBuild": null,
      "additionaInfo": {}
    },
    "payload": {
      "productPatchLevel": "8.1.0.9583",
      "patchPayloadFilename": "Prelude_VA-8.1.0.9583-16633378-
updaterepo.iso",
      "patchPayloadUri": null,
      "patchPayloadSize": 6043691008,
      "sha256sum":
"e95e0b9529a4f7dc01dffaf236de5757d2bb6e0164ac441ced21390f03898eb2",
      "productMinorLevel": null
    },
    "patchFileName": "vrlcm-vra-8.1.0-8.1.0.9583.patch",
```

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    "patchSize": 5979272995,
    "patchSha256sum":
"ee2472d34254904302ff0c7ab48f279fa6f173a4410b64d213fdd9d72c508595",
    "patchRunningCounter": 2,
    "patchStatus": "ACTIVE",
    "patchDownloadStatus": "NOTAVAILABLE",
    "extract": true,
    "patchCounter": "2"
  },
  {
    "patchInfo": {
      "name": "vRealize Automation, version 8.1.0.9712",
      "summary": "vRSLCM wrapped vRealize Automation, version
8.1.0.9712 Patch3",
      "description": "vRSLCM wrapped vRealize Automation, version
8.1.0.9712 Patch3",
      "kbUrl": "https://kb.vmware.com/kb/79170",
      "eulaFile": null,
      "category": "bugfix",
      "urgency": "critical",
      "releaseType": "patch",
      "releaseDate": 1602480345140,
      "additionaInfo": {}
    },
    "metadataId": "vrlcm-vra-8.1.0-8.1.0.9712",
    "metadataVersion": "1",
    "patchId": "34c5b982-3846-4b33-b327-78b8d47e6aa5",
    "patchBundleCreationDate": 1602480636183,
    "selfPatch": false,
    "product": {
      "productId": "vra",
      "productName": "vRealize Automation",
      "productVersion": "8.1.0",
      "supportedVersions": [
        "8.1.0"
      ],
      "productBuild": null,
      "productPatchBuild": null,
      "additionaInfo": {}
    },
```

```
    "payload": {
      "productPatchLevel": "8.1.0.9712",
      "patchPayloadFilename": "Prelude_VA-8.1.0.9712-17018655-
updaterepo.iso",
      "patchPayloadUri": null,
      "patchPayloadSize": 6073458688,
      "sha256sum":
"b36cc23c0fcb126990b7b6cf74396974b3843a257e5baea4d56d6ee401a61c60",
      "productMinorLevel": null
    },
    "patchFileName": "vrlcm-vra-8.1.0-8.1.0.9712.patch",
    "patchSize": 6010020858,
    "patchSha256sum":
"77ddcbf07c1400ec40579aafb20847c95a145054d55d677292546f8a3570ec78",
    "patchRunningCounter": 3,
    "patchStatus": "ACTIVE",
    "patchDownloadStatus": "NOTAVAILABLE",
    "extract": true,
    "patchCounter": "3"
  },
  {
    "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":
"4c7d8874ed62e1b952409b5662a0469f62f8711a83d4b533d3f21639fe3f31f5",
      "productMinorLevel": null
    },
    "patchFileName": "vrlcm-vra-8.2.0-8.2.0.13070.patch",
    "patchSize": 6892217601,
    "patchSha256sum":
"cacf7a53995465752211e439dc594f77dd1415721f23500fe97cc8a21baa20dc",
    "patchRunningCounter": 1,
    "patchStatus": "ACTIVE",
    "patchDownloadStatus": "NOTAVAILABLE",
    "extract": true,
    "patchCounter": "1"
  },
  {
    "patchInfo": {
      "name": "vRealize 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.",
      "kbUrl": "https://kb.vmware.com/s/article/60368",
```

```
      "eulaFile": "",
      "category": "bugfix",
      "urgency": "critical",
      "releaseType": "patch",
      "releaseDate": 1545406200000,
      "additionaInfo": {}
    },
    "metadataId": "vrlcm-vrni-3.9.0-Chrome71Support",
    "metadataVersion": "1",
    "patchId": "3b766465-fea1-431a-b3db-6d40598bfa44",
    "patchBundleCreationDate": 1545403135,
    "selfPatch": false,
    "product": {
      "productId": "vrni",
      "productName": "vRealize Network Insight",
      "productVersion": "3.9.0",
      "supportedVersions": [
        "3.9.0"
      ],
      "productBuild": "",
      "productPatchBuild": "201812201800",
      "additionaInfo": {
        "patchPlatform": "true",
        "patchCollector": "false"
      }
    },
    "payload": {
      "productPatchLevel": "Chrome71Support",
      "patchPayloadFilename": "vRealizeNetworkInsight-
Chrome71Support-201812201800.bundle",
      "patchPayloadUri": "",
      "patchPayloadSize": 31313,
      "sha256sum":
"2e9f4fd3aaee57e00062a0fb9719fb90f0c5de61ebb61a39579f9458612a235f",
      "productMinorLevel": null
    },
    "patchFileName": "vrlcm-vrni-3.9.0-Chrome71Support.patch",
    "patchSize": 0,
    "patchSha256sum": "",
    "patchRunningCounter": 1,
```

```
    "patchStatus": "ACTIVE",
    "patchDownloadStatus": "NOTAVAILABLE",
    "extract": false,
    "patchCounter": null
  },
  {
    "patchInfo": {
      "name": "vRealize Network Insight, version 5.2.0-P1 patch",
      "summary": "vRSLCM wrapped vRealize Network Insight, version
5.2.0-P1 patch",
      "description": "vRSLCM wrapped vRealize Network Insight,
version 5.2.0-P1 patch",
      "kbUrl": "https://kb.vmware.com/s/article/78681",
      "eulaFile": null,
      "category": "bugfix",
      "urgency": "critical",
      "releaseType": "patch",
      "releaseDate": 1588247541674,
      "additionaInfo": {}
    },
    "metadataId": "vrlcm-vrni-5.2.0-P1",
    "metadataVersion": "1",
    "patchId": "a8cb263a-0253-44ab-9d48-ed8622a4d26a",
    "patchBundleCreationDate": 1588247828599,
    "selfPatch": false,
    "product": {
      "productId": "vrni",
      "productName": "vRealize Network Insight",
      "productVersion": "5.2.0",
      "supportedVersions": [
        "5.2.0"
      ],
      "productBuild": null,
      "productPatchBuild": null,
      "additionaInfo": {
        "patchCollector": "true",
        "patchPlatform": "false",
        "patchMaster": "true"
      }
    },
```

```
    "payload": {
      "productPatchLevel": "P1",
      "patchPayloadFilename": "VMware-vRealize-Network-
Insight.5.2.0.P1-1587685176.patch.bundle",
      "patchPayloadUri": null,
      "patchPayloadSize": 584179424,
      "sha256sum":
"cd35544c491e2a82cbedd1d5ac1661f05bb051d0fc106f01daa1955281b194ef",
      "productMinorLevel": null
    },
    "patchFileName": "vrlcm-vrni-5.2.0-P1.patch",
    "patchSize": 600479843,
    "patchSha256sum":
"f3d91f8d31f5b8eefac325fc3fd7ab1fa3cb3665133e2c922440bb5ccd2e56fb",
    "patchRunningCounter": 1,
    "patchStatus": "ACTIVE",
    "patchDownloadStatus": "NOTAVAILABLE",
    "extract": false,
    "patchCounter": null
  },
  {
    "patchInfo": {
      "name": "vRealize 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 vRealize Operations Manager. Applying
the Security Fix will give ownership of the scripts to the root
user from the admin user.",
      "kbUrl": "https://kb.vmware.com/kb/60301",
      "eulaFile": "",
      "category": "security",
      "urgency": "critical",
      "releaseType": "patch",
      "releaseDate": 1545136200000,
      "additionaInfo": {}
    },
    "metadataId": "vrlcm-vrops-7.0.0-HF3",
    "metadataVersion": "1",
```

```
    "patchId": "f446c62b-82e8-449f-9fda-72eb70beb3ce",
    "patchBundleCreationDate": 1545045472,
    "selfPatch": false,
    "product": {
      "productId": "vrops",
      "productName": "vRealize Operations Manager",
      "productVersion": "7.0.0",
      "supportedVersions": [
        "7.0.0"
      ],
      "productBuild": "11287810",
      "productPatchBuild": "11287810",
      "additionaInfo": {}
    },
    "payload": {
      "productPatchLevel": "HF3",
      "patchPayloadFilename": "vRealize_Operations_Manager-VA-
7.0.0.11287810.pak",
      "patchPayloadUri": "",
      "patchPayloadSize": 1985361350,
      "sha256sum":
"ace64b7dd2807e2f0085f92aa35cc103c1da1a4bd102c8c7eb1eb02547f2ab69",
      "productMinorLevel": null
    },
    "patchFileName": "vrlcm-vrops-7.0.0-HF3.patch",
    "patchSize": 0,
    "patchSha256sum": "",
    "patchRunningCounter": 1,
    "patchStatus": "ACTIVE",
    "patchDownloadStatus": "NOTAVAILABLE",
    "extract": false,
    "patchCounter": null
  },
  {
    "patchInfo": {
      "name": "vrops-7.5-Flex-HF1",
      "summary": "vRSLCM wrapped vRealize Operations Manager,
version 7.5.0 - HF1 - Flex License support and bug fixes",
      "description": "vRSLCM wrapped vRealize Operations Manager,
version 7.5.0 - HF1 - Flex License support and bug fixes",
```

```
      "kbUrl": "",
      "eulaFile": "",
      "category": "bugfix",
      "urgency": "critical",
      "releaseType": "patch",
      "releaseDate": 1583427600000,
      "additionaInfo": {}
    },
    "metadataId": "vrlcm-vrops-7.5.0-HF1",
    "metadataVersion": "1",
    "patchId": "4019102c-48d9-475c-9fc1-411d792ae3fe",
    "patchBundleCreationDate": 1583375126443,
    "selfPatch": false,
    "product": {
      "productId": "vrops",
      "productName": "vRealize Operations Manager",
      "productVersion": "7.5.0",
      "supportedVersions": [
        "7.5.0"
      ],
      "productBuild": null,
      "productPatchBuild": null,
      "additionaInfo": {}
    },
    "payload": {
      "productPatchLevel": "HF1",
      "patchPayloadFilename": "vRealize_Operations_Manager-VA-
7.5.0.15710594.pak",
      "patchPayloadUri": null,
      "patchPayloadSize": 1957961059,
      "sha256sum":
"c7ae397815834837b3c8684fddb28128eef22556e9130bd287ecb3bc3da33a9f",
      "productMinorLevel": null
    },
    "patchFileName": "vrlcm-vrops-7.5.0-HF1.patch",
    "patchSize": 2011888071,
    "patchSha256sum":
"671485035178d458c032cc5a197921be0b4d77dfd43b15289c9929beb906a423",
    "patchRunningCounter": 1,
    "patchStatus": "ACTIVE",
```

```
    "patchDownloadStatus": "NOTAVAILABLE",
    "extract": false,
    "patchCounter": null
  },
  {
    "patchInfo": {
      "name": "vrli-4.8.0-HF1",
      "summary": "vRSLCM wrapped vRealize Log Insight, 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",
      "kbUrl": "",
      "eulaFile": "",
      "category": "bugfix",
      "urgency": "critical",
      "releaseType": "patch",
      "releaseDate": 1582909200000,
      "additionaInfo": {
        "policyJar": "logs.jar"
      }
    },
    "metadataId": "vrlcm-vrli-4.8.0-HF1",
    "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": "87b68cc97395addca98bd2308ff2e3f356d89407e9d069c9b7ec9ba04860d93d", "productMinorLevel": null }, "patchFileName": "vrlcm-vrli-4.8.0-HF1.patch", "patchSize": 758109570, "patchSha256sum": "997a851e1efd06af1c89d00d672c1fe3fd83bbbf88d2aaa074b877d45f1a8312", "patchRunningCounter": 1, "patchStatus": "ACTIVE", "patchDownloadStatus": "NOTAVAILABLE", "extract": false, "patchCounter": null }]	

Download a Patch binary	POST	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/lcops/api/v2/settings/patch-binaries/downloads
		Request Body : "patchDownloadRequestDTO"
		{
		"patchId": "dd55fc43-7603-403f-b994-ff71067ce9d5",
		"productId": "vra",
		"productVersion": "8.0.1"
		}
		
		Response code : 200 OK
		Response body :
		{
		"requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"
		}	

Get all downloaded Patch binaries	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/lcops/api/v2/settings/patch-binaries/downloads
		Response code : 200 OK
		Response body :
		[
		  {
		  "patchInfo": {
		  "name": "vRealize Automation, version 8.1.0.9465",
		  "summary": "vRSLCM wrapped vRealize Automation, version 8.1.0.9465 Patch1",
		  "description": "vRSLCM wrapped vRealize Automation, version 8.1.0.9465 Patch1",
		  "kbUrl": "https://kb.vmware.com/kb/79170",
		  "eulaFile": null,
		  "category": "bugfix",
		  "urgency": "critical",
		  "releaseType": "patch",
		  "releaseDate": 1592395447924,
		  "additionaInfo": {}
		  },
		  "metadataId": "vrlcm-vra-8.1.0-8.1.0.9465",
		  "metadataVersion": "1",
		  "patchId": "9c8812d5-63e3-4001-ac28-be7a7b67defc",
		  "patchBundleCreationDate": 1592395674603,
		  "selfPatch": false,
		  "product": {
		  "productId": "vra",
		  "productName": "vRealize Automation",
		  "productVersion": "8.1.0",
		  "supportedVersions": [
		  "8.1.0"
		  ],
		  "productBuild": null,
		  "productPatchBuild": null,
		  "additionaInfo": {}
		  },
		  "payload": {
		  "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":
"4c7d8874ed62e1b952409b5662a0469f62f8711a83d4b533d3f21639fe3f31f5",
      "productMinorLevel": null
    },
    "patchFileName": "vrlcm-vra-8.2.0-8.2.0.13070.patch",
    "patchSize": 6892217601,
    "patchSha256sum":
"cacf7a53995465752211e439dc594f77dd1415721f23500fe97cc8a21baa20dc",
    "patchRunningCounter": 1,
    "patchStatus": "ACTIVE",
    "patchDownloadStatus": "DOWNLOADED",
    "extract": true,
    "patchCounter": "1"
  }
]
```

Delete a Patch binary	DELETE	/lcm/lcops/api/v2/settings/patch-binaries
		Request Body : "patchDownloadRequestDTO"
		{
		"patchId": "dd55fc43-7603-403f-b994-ff71067ce9d5",
		"productId": "vra",
		"productVersion": "8.0.1"
		}
		
		Response code : 200 OK
		Response body :
		{
		"requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"
		}	

Get Patch binaries from source location	POST	/lcm/lcops/api/v2/settings/patch-binaries/source
		Request body : "genericSettingsSourceConfigDTO"
		{
		"sourceLocation": "/data"
		}
		
		Response code : 200 OK
		Response body :
		[
		{
		"filePath": "/data/vrlcm-vra-8.1.0-8.1.0.9712.patch",
		"name": "vrlcm-vra-8.1.0-8.1.0.9712.patch"
		}
		]	

Import a Patch binary from source location	POST	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/lcops/api/v2/settings/patch-binaries/import
		Request body : "genericSettingsSourceConfigDTO"
		{
		"filePath": "/data/vrlcm-vra-8.1.0-8.1.0.9712.patch",
		"name": "vrlcm-vra-8.1.0-8.1.0.9712.patch"
		}
		
		Response code : 200 OK
		Response body :
		{
		"requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"
		}	

Get all Patch Ova binaries	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/lcops/api/v2/settings/patch-ova-binaries
		Response code : 200 OK
		Response body :
		[
		{
		"productId": "vra",
		"productVersion": "8.2.0.12959",
		"productBinaryPath": "Prelude_VA-8.2.0.12959-17018654_OVF10.ova",
		"productName": "vRealize Automation",
		"buildNumber": "17018654"
		}
		]	

Get Patch Ova binaries from source location	POST	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/lcops/api/v2/settings/patch-ova-binaries/source
		Request body :
		{
		"sourceLocation": "/data"
		}
		
		Response code : 200 OK
		Response body :
		[
		{
		"filePath": "/data/vrlcm-vra-8.2.0-8.2.0.12959.ovabundle",
		"name": "vrlcm-vra-8.2.0-8.2.0.12959.ovabundle"
		}
		]	

Import a Patch Ova binary from source location	POST	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/lcops/api/v2/settings/patch-ova-binaries/import
		Request body :
		{
		"filePath": "/data/vrlcm-vra-8.2.0-8.2.0.12959.ovabundle",
		"name": "vrlcm-vra-8.2.0-8.2.0.12959.ovabundle"
		}
		Response code : 200 OK
		Response body :
		{
		"requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"
		}	

Delete a Patch Ova binary	DELETE	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/lcops/api/v2/settings/patch-ova-binaries
		Request body :
		{
		"productId": "vra",
		"productVersion": "8.2.0.12959",
		"productBinaryPath": "Prelude_VA-8.2.0.12959-17018654_OVF10.ova",
		"productName": "vRealize Automation",
		"buildNumber": "17018654"
		}
		Response code : 200 OK
		Response body :
		{
		"requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"
		}	

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 v8.3 of vRSLCM

Below steps are followed -

Name	HTTP Method	Endpoint	Description

Apply Patch to vRSLCM	POST	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/lcops/api/v2/system-patch/{patchId}
		Request parameter :
		patchId : 5ec0dc02-1db2-4d77-a75a-9ed162742df9
		
		Response code : 200 OK
		Response body :
		{
		"requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"
		}
			Check patch-binaries online and download for vRSLCM.

Get vRSLCM patch history	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/lcops/api/v2/system-patch/history
		Response code : 200 OK
		Response body :
		[
		{
		"productPatchLevel": "PATCH1",
		"appliedOn": "Dec 16, 2020, 9:24:09 AM",
		"summary": "Cumulative patch bundle for vRealize Suite Lifecycle Manager",
		"category": "bugfix",
		"urgency": "critical",
		"description": "This cumulative patch bundle provides fixes to issues observed with various vRealize Suite Lifecycle Manager components. Refer the associated docUrl for more details.",
		"kbUrl": "https://docs.vmware.com/en/VMware-vRealize-Lifecycle-Manager/8.3.0/rn/vRealize-Lifecycle-Manager-830-Patch-1.html"
		}
		]	

Get current System Patch information	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/lcops/api/v2/system-patch/information
		Response code : 200 OK
		Response body :
		{
		"productPatchLevel": "PATCH1",
		"appliedOn": "Dec 16, 2020, 9:24:09 AM",
		"summary": "Cumulative patch bundle for vRealize Suite Lifecycle Manager",
		"category": "bugfix",
		"urgency": "critical",
		"description": "This cumulative patch bundle provides fixes to issues observed with various vRealize Suite Lifecycle Manager components. Refer the associated docUrl for more details.",
		"kbUrl": "https://docs.vmware.com/en/VMware-vRealize-Lifecycle-Manager/8.3.0/rn/vRealize-Lifecycle-Manager-830-Patch-1.html"
		}	

Get all PSPacks	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/lcops/api/v2/system-pspack Response code : 200 OK Response body : [{ "policyVersion": "8.3.0.1", "fileName": "ONLINE-vrlcm-8.3.0-PSPACK1", "isCurrentVersion": null, "patchLevelRequired": null, "pspackId": "6edcb254-4a29-4a02-b2f7-b2b42ca84bf4", "policyVersionDetailsList": [{ "productId": "vrlcm", "versions": [] }, { "productId": "vidm", "versions": ["3.3.3"] }, { "productId": "vra", "versions": ["8.1.0", "8.2.0", "8.3.0"] }, { "productId": "vrli", "versions": ["8.1.1", "8.2.0", "8.3.0"] }, { "productId": "vrni",	

		"versions": [
		"6.0.0",
		"6.1.0"
		]
		},
		{
		"productId": "vrops",
		"versions": [
		"8.1.1",
		"8.2.0",
		"8.3.0"
		]
		},
		{
		"productId": "vrbc",
		"versions": [
		"7.6.0",
		"7.5.0"
		]
		},
		{
		"productId": "vssc",
		"versions": [
		"8.3.0"
		]
		}
		]
		}
		]	

Check PSPacks online	POST	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/system-pspack
		Response code : 200 OK
		Response body :
		{
		"requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"
		}	

Apply System PSPack	POST	/lcm/lcops/api/v2/system-pspack/{pspackId}
		`Request parameter :`
		`pspackId : 6edcb254-4a29-4a02-b2f7-b2b42ca84bf4`
		
		`Response code : 200 OK`
		`Response body :`
		`{`
		`  "requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"`
		`}`	

Import a PSPack	POST	/lcm/lcops/api/v2/system-pspack/import
		`Request parameter :`
		`file : vrlcm-8.3.0-PSPACK1.pspak`
		
		`Response code : 200 OK`
		`Response body :`
		`{`
		`  "requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"`
		`}`
			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
		Request body : "vCeneterRequestDTO"
		{
		"vCenterHost": "lcm-vcenter.sqa.local",
		"vCenterName": "lcm-vcenter.sqa.local",
		"vcPassword": "VMware@200",
		"vcUsedAs": "MANAGEMENT",
		"vcUsername": "vcenter@vsphere.local"
		}
		
		Response code : 200 OK
		Response body :
		{
		"requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"
		}	

Upgrade vRSLCM system	POST	/lcm/lcops/api/v2/system-upgrade
		Request body : "lcmUpgradeRequestDTO"
		{
		"repositoryType": "url",
		"repositoryUrl": "http://build-squid.eng.vmware.com/build/mts/release/bora-17474547/publish/exports/Update_Repo/",
		"repositoryUserName": "",
		"repositoryPassword": "",
		"actionType": "check"
		}
		
		Response code : 200 OK
		Response body :
		{
		"upgradeResponse": "Checking for available updates, this process can take a few minutes...\n..\nAvailable Updates - \n 8.3.0.8 Build 17474547"
		}	

Check vRSLCM upgrade status	GET	The linked image cannot be displayed. The file may have been moved, renamed, o.../lcm/lcops/api/v2/system-upgrade
		Response code : 200 OK
		Response body :
		{
		"status": "SUCCESS",
		"progressDetails": null,
		"rebootRequired": false
		}	

Get vRSLCM upgrade history	GET	The linked image cannot be displayed. The file may have been moved, renamed, o.../lcm/lcops/api/v2/system-upgrade/history
		Response code : 200 OK
		Response body :
		[
		{
		"versionUpgradedFrom": " 8.2.0.23 ",
		"versionUpgradedTo": " 8.3.0.8 ",
		"upgradeTimeStamp": "Tue Jan 19 09:36:11 UTC 2021"
		}
		]	

Request Operation APIs

Name	HTTP Method	Endpoint	Description

Get all requests	GET	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/request/api/v2/requests
		Response code : 200 OK
		Response Body :
		
		[
		  {
		  "vmid": "8c193290-4353-4ef0-9406-54b1e44cc9d8",
		  "transactionId": null,
		  "requestName": "lcmgenricsetting",
		  "requestReason": "Get Generic Settings",
		  "requestType": "lcmgenricsetting",
		  "requestSource": null,
		  "requestSourceType": "system",
		  "inputMap": {
		  "method": "GET",
		  "settingsName": "systemsettings",
		  "settingsData": null
		  },
		  "outputMap": {},
		  "state": "COMPLETED",
		  "executionId": "e53ba5c9-1f6a-4cda-8ba6-6d6274441900",
		  "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::OnGenericSettingCompleted::source::c.v.v.l.p.l.c.t.GenericLcmSettingTask\"}}]}}]}",	

		"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.servi	

		ce.task.FinalTask\",\"currentStateTxt\":\"lcmgenricsetting-com.vmware.vrealize.lcm.platform.automata.service.task.FinalTask\"}],\"flowId\":\"lcmgenricsetting\",\"status\":\"SUCCESS\",\"lastUpdatedOn\":1594633229109}],\"status\":\"COMPLETED\",\"lastUpdatedOn\":1594633228455}", "errorCause": null, "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\\\",\\\"ava	

		ilableSizeInBytes\\\":\\\"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
		},
		"outputMap": {},
		"state": "COMPLETED",
		"executionId": "61274f3c-20cc-47a1-90ec-130635edb7d1",	

		"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\",\"t	

		ype\":\"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::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}],\"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\\\",\\\"telem	

		etryEnabled\\\":true,\\\"uiCollectorId\\\":\\\"vRLCM_ui.8_1\\\"}\",\"eventId\":\"f384bc3b-3b00-4758-b688-e5e5331dbfe1\",\"machineInstanceId\":\"2d372cc5-327e-4745-a1ca-6be4db7fa900\"}]", "isCancelEnabled": null, "lastUpdatedOn": 1594633197304, "createdBy": "admin@local" }]	

Get Request by ID	GET	The linked image cannot be displayed. The file may have been moved, renamed, o...
		lcm/request/api/requests/{requestId}
		Request parameter :
		requestId : 448d4bf8-8be1-491d-91b1-3b325b28e1aa
		
		Response code : 200 OK
		Response body :
		
		{
		"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
		},
		"outputMap": {},
		"state": "COMPLETED",
		"executionId": "61274f3c-20cc-47a1-90ec-130635edb7d1",
		"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.ta	

		sk.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::lcmgenricsetti	

		ng::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\":\"COMPLE	

		TED\",\"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\",\"machineInstanceId\":\"2d372cc5-327e-4745-a1ca-6be4db7fa900\"}]",
		  "isCancelEnabled": null,
		  "lastUpdatedOn": 1594633197304,
		  "createdBy": "admin@local"
		}	

Retry Request by ID	PATCH	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/request/api/v2/requests/{requestId}/retry
		Request parameter :
		requestId : 3a74f17a-8230-4ed7-85cc-cba515f754a5
		
		Request body :
		[
		  {
		  "messageId": "LCMVROPSYSTEM25000",
		  "message": "Confirm that the specified node is a member of vRealize Operations Manager cluster and the node is online and accessible",
		  "eventId": "89d5567a-f299-4d57-bee0-a768da0fe94e",
		  "retry": true,
		  "exceptionMessage": "Failed to get the vROps version during deployment discovery. Retry after verifying master node address and admin password.",
		  "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
			Request payload can be fetched from API to get Error Causes by a Request ID.

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

Get Error Causes by a Request ID	GET	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/request/api/v2/requests/{requestId}/error-causes
		Request parameter :
		requestId : 3a74f17a-8230-4ed7-85cc-cba515f754a5
		
		Response code : 200 OK
		Response body :
		[
		  {
		  "messageId": "LCMVROPSYSTEM25000",
		  "message": "Confirm that the specified node is a member of vRealize Operations Manager cluster and the node is online and accessible",
		  "eventId": "89d5567a-f299-4d57-bee0-a768da0fe94e",
		  "retry": true,
		  "exceptionMessage": "Failed to get the vROps version during deployment discovery. Retry after verifying master node address and admin password.",
		  "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 java.base/java.lang.Thread.run(Unknown Source)\n",
		"properties": {
		"vropsMasterNodeIP": "lcm-34-241.sqa.local",
		
		"vropsAdminPassword": "locker:password:92d4276c-57b6-4d66-b6ef-db552b722fa5:Common-pwd"
		}
		}
		]	

Settings Operation APIs

Name	HTTP Method	Endpoint	Error Response codes	Description

Get Product DNS Settings	GET	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/settings/dns
		Response Body :
		[
		{
		"name": "dns-server1",
		"hostName": "10.141.66.213"
		},
		{
		"name": "dns-server2",
		"hostName": "10.118.183.252"
		}
		]
				This API is used to fetch all the DNS servers data saved.

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

			}
			
			Response code : 400 Bad Request
			Sample Response body :
			{
			  "status": "",
			  "message": "DNS name cannot be blank.",
			  "errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",
			  "errorLabel": "Request Payload does not comply with constraints.",
			  "recommendations": []
			}
			The linked image cannot be displayed. The file may have been moved, renamed, o...409 - Conflict
			When DNS server (hostName) provided already exist.
			Sample Request body :
			{
			  "hostName": "10.141.66.213",
			  "name": "dns-server2"
			}
			
			Response Code : 409 Conflict
			Response body :
			{	

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

			}	

Update Product DNS Settings	PUT	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/settings/dns
		Request Body : "dnsConfigurationDTO"
		{
		"hostName": "10.141.66.213",
		"name": "dns-server3"
		}
		
		Response Code : 200 OK
			The linked image cannot be displayed. The file may have been moved, renamed, o...400 - Bad Request
			When DNS hostname provided is empty.
			Sample Request body :
			{
			"hostName": "",
			"name": "dns-server1"
			}
			
			Response code : 400 Bad Request
			Sample Response body :
			{
			"status": "",
			"message": "DNS hostname cannot be blank.",
			"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",
			"errorLabel": "Request Payload does not comply with constraints.",
			"recommendations": []
			}
			When DNS name provided is empty.
			Sample Request body :
			{
			"hostName": "10.141.66.213",
			"name": ""
				This API is used to update DNS server **name** of already existing DNS server.
				
				DNS server **name** can be updated for already existing DNS server (**hostName**) using this API.
				
				▪ 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-SERVER1". Else, it will lead to 409 Conflict error as described in the preceding column.

			}
			
			Response code : 400 Bad Request
			Sample Response body :
			{
			  "status": "",
			  "message": "DNS name cannot be blank.",
			  "errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",
			  "errorLabel": "Request Payload does not comply with constraints.",
			  "recommendations": []
			}
			
			The linked image cannot be displayed. The file may have been moved, renamed, o...409 - Conflict
			When DNS server name provided already exist.
			Sample Request body :
			{
			  "hostName": "10.141.66.214",
			  "name": "dns-server2"
			}	

			Response Code : 409 Conflict
			Response body :
			{
			"status": "",
			"message": "DNS server name already exist.",
			"errorCode": "LCM_SETTINGS_API_ERROR0003",
			"errorLabel": "Settings data already exist.",
			"recommendations": []
			}
			404 - Not Found
			When DNS server (hostName) does not exist.
			Sample Request body :
			{
			"name": "dns4",
			"hostName": "10.118.183.253"
			}
			
			Response Code : 404 Not Found
			Response body :
			{
			"status": "",
			"message": "DNS server (hostName) does not exist.",	

			"errorCode": "LCM_SETTINGS_API_ERROR0002", "errorLabel": "Settings data does not exist.", "recommendations": [] }	

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

			}
			
			Response code : 400 Bad Request
			Sample Response body :
			{
			  "status": "",
			  "message": "DNS name cannot be blank.",
			  "errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",
			  "errorLabel": "Request Payload does not comply with constraints.",
			  "recommendations": []
			}
			The linked image cannot be displayed. The file may have been moved, renamed, o...404 - Not Found
			When DNS server data does not exist.
			Sample Request body :
			{
			  "name": "dns4",
			  "hostName": "10.118.183.253"
			}
			
			Response Code : 404 Not Found
			Response body :
			{
			  "status": "",	

			"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	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v3/settings/dns
		Request Body :
		dnsHostname : 1.2.3.4
		
		Response : 200 OK
		Response body :
		{
		"name": "dns-server1",
		"hostName": "1.2.3.4"
		}		

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

			"diskSizeInGb": 10,
			"vCenterHost": "",
			"vcPassword": "VMware@505",
			"vcUsername": "devuser@vsphere.local"
			}
			
			Response Code : 400 Bad Request
			Response body :
			{
			"status": "",
			"message": "vCenter host cannot be blank.",
			"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",
			"errorLabel": "Request Payload does not comply with constraints.",
			"recommendations": []
			}
			When vCenter password is blank.
			Sample Request body :
			{
			"diskSizeInGb": 10,
			"vCenterHost": "lcm-vc2.sqa.local",
			"vcPassword": "",	

			"vcUsername": "devuser@vsphere.local"
			}
			
			Response Code : 400 Bad Request
			Response body :
			{
			"status": "",
			"message": "vCenter password cannot be blank.",
			"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",
			"errorLabel": "Request Payload does not comply with constraints.",
			"recommendations": []
			}
			When diskSize value is invalid.
			Sample Request body :
			{
			"diskSizeInGb": -20,
			"vCenterHost": "lcm-vc2.sqa.local",
			"vcPassword": "VMware@505",
			"vcUsername": "devuser@vsphere.local"
			}	

			Response Code : 400 Bad Request
			Response body :
			{
			  "status": "",
			  "message": "Disk size value is invalid.",
			  "errorCode": "LCM_SETTINGS_API_ERROR0001",
			  "errorLabel": "Settings request payload is invalid.",
			  "recommendations": [
			  "Disk size value should be greater than or equal to 1GB."
			  ]
			}	

Get vRSLCM Time settings	GET	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/settings/system-details/time
		Response code : 200 OK
		Response body :
		{
		"dateTime": "Sun Jul 26 18:31:13 UTC 2020",
		"syncWithHost": true,
		
		"ntpServerEnabled": false,
		"ntpServers": "",
		
		"ntpServerStarted": false
		}
				This API is used to fetch the details of vRSLCM Time settings.

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

		"ntpServers": "ntp1.eng.vmware.com",
		
		"ntpServerStarted": false
		}
			}
			When ntpServers is blank when NTP servers is enabled.
			Sample Request body :
			
			{
			"dateTime": "Sun Jul 26 18:31:13 UTC 2020",
			
			"ntpServerEnabled": true,
			
			"ntpServerStarted": false,
			"ntpServers": "",
			"syncWithHost": false
			}
			
			Response Code : 400 Bad Request
			Response body :
			{
			"status": "",
			"message": "NTP server needs to be provided if you select Use NTP Servers option.",
			"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",
			"errorLabel": "Request Payload does not comply with constraints.",	

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

			"recommendations": [] }	

Generate vRSLCM Log Bundle	POST	/lcm/lcops/api/v2/settings/log-bundles
		Response code : 200 OK
		Response body :
		{
		"requestId": "e9070abb-77f2-4053-bee4-9b83c1dd305c"
		}
				This is used to generate vRSLCM log bundles.

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

Get all My VMware Accounts	GET	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/settings/my-vmware/accounts
		Response code : 200 OK
		Response body :
		[
		{
		"userName": "myvmwareaccount@vmware.com",
		"password": "vrslcm2"
		}
		]
				This API is used to fetch all the MyVmware accounts.

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

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

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

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

			"password": "",
			"userName": "myvmware@vmware.com"
			}
			
			Response Code : 400 Bad Request
			Response body :
			{
			"status": "",
			"message": "MyVmware account password cannot be blank.",
			"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",
			"errorLabel": "Request Payload does not comply with constraints.",
			"recommendations": []
			}
			The linked image cannot be displayed. The file may have been moved, renamed, o...404 - Not Found
			When MyVmware account to be updated does not exist.
			Sample Request body :
			{
			"userName": "Aragorn@vmware.com",
			"password": "vrslcm@vm1!"
			}	

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

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

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

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

Delete a My VMware Account	DELETE	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v3/settings/my-vmware/accounts
		Request body :
		username :
		frodo@vmware.com
		
		Response code : 200 OK
		Response body :
		{
		"userName": "frodo@vmware.com",
		"password": "locker:password:9a5cb445-a551-450a-b3c8-7355dbae65df:MyVMware - frodo@vmware.com"
		}		

Get Network Settings	GET	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/settings/network-details
		Response code : 200 OK
		Response body :
		{
		"hostName": "lcm-15-13.eng.vmware.com",
		"alternateDns": "10.132.7.1",
		"netmask": "255.255.255.0",
		"ipAddress": "10.196.15.13",
		"searchPath": null,
		"preferredDns": "10.142.7.1",
		"ipAddressType": "DHCP",
		"gateway": "10.196.15.253"
		}
				This API is used to fetch the Network details of vRSLCM VM.

Check SSH Status	GET	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/settings/ssh
		Response Code : 200 OK
		Response body :
		{
		"sshEnabled": true
		}
				This API is used to check the vRSLCM SSH status.

Enable or Disable SSH	PUT	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/settings/ssh
		`Request body : "lcmSshDTO"`
		`{`
		`  "sshEnabled": false`
		`}`
		`Response Code : 200 OK`
		`Response body :`
		`{`
		`  "sshEnabled": false`
		`}`
				This API is used to enable/disable vRSLCM SSH status.
				
				To enable ssh, set field **"sshEnabled"** value as **true**
				
				To disable ssh, set field **"sshEnabled"** value as **false**

Get System Settings	GET	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/settings/system-details
		Response code : 200 OK
		Response body :
		{
		"vendor": "VMware Inc.",
		"name": "VMware vRealize Suite Life Cycle Manager Appliance",
		"version": "8.2.0.2",
		"patchVersion": "",
		"totalStorage": "59G",
		"usedStorage": "328M",
		"availableStorage": "56G",
		"storagePercentage": "1%",
		"buildNumber": "16546781",
		"availableSizeInBytes": "59684151296"
		}
				This API is used to get the system details.

Get Telemetry Settings	GET	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/settings/system-details/telemetry
		Response code : 200 OK
		Response body :
		{
		"environmentType": "production",
		"collectorId": "vrlcm.8_1",
		"collectorInstanceId": "a7e4956c-c24f-11ea-8c0b-005056b4d2a7",
		"telemetryEnabled": true,
		"uiCollectorId": "vRLCM_ui.8_1"
		}
				This API is used to get telemetry details.

Get System Disks	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/lcops/api/v2/settings/system-details/disks Response code : 200 OK Response body : { "vendor": "VMware Inc.", "name": "VMware vRealize Suite Life Cycle Manager Appliance", "version": "8.2.0.2", "patchVersion": "", "diskStorageDTO": [{ "diskName": "/root", "totalStorage": "8.7G", "usedStorage": "2.6G", "availableStorage": "5.8G", "storagePercentage": "31%" }, { "diskName": "/data",		This API is used to fetch the details of System disks.

		"totalStorage": "59G", "usedStorage": "328M", "availableStorage": "56G", "storagePercentage": "1%" }, { "diskName": "/storage", "totalStorage": "9.8G", "usedStorage": "96M", "availableStorage": "9.2G", "storagePercentage": "2%" }], "properties": {}, "diskAvailableForUpgrade": true }		

Get Product NTP Settings	GET	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/settings/ntp-servers
		Response code : 200 OK
		Response body :
		[
		{
		"name": "ntp-server1",
		"hostName": "ntp1.eng.vmware.com"
		}
		]
				This API is used to fetch all the product NTP servers.

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

			}
			
			Response Code : 400 Bad Request
			Response body :
			{
			  "status": "",
			  "message": "NTP name cannot be blank.",
			  "errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",
			  "errorLabel": "Request Payload does not comply with constraints.",
			  "recommendations": []
			}
			The linked image cannot be displayed. The file may have been moved, renamed, o...409 - Conflict
			When NTP server already exist.
			Sample Request body :
			{
			  "name": "ntp-server1",
			  "hostName": "ntp1.eng.vmware.com"
			}
			
			Response Code : 409 Conflict
			Response body :
			{
			  "status": "",	

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

			}	

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

			}
			
			Response Code : 400 Bad Request
			Response body :
			{
			"status": "",
			"message": "NTP name cannot be blank.",
			"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",
			"errorLabel": "Request Payload does not comply with constraints.",
			"recommendations": []
			}
			The linked image cannot be displayed. The file may have been moved, renamed, o...409 - Conflict
			
			When NTP server name already exist.
			Sample Request body :
			{
			"name": "NTP-SERVER1",
			"hostName": "ntp2.eng.vmware.com"
			}	

			Response Code : 409 Conflict
			Response body :
			{
			"status": "",
			"message": "NTP server name already exist.",
			"errorCode": "LCM_SETTINGS_API_ERROR0003",
			"errorLabel": "Settings data already exist.",
			"recommendations": []
			}
			404 - Not Found
			When NTP server does not exist.
			Sample Request body :
			{
			"name": "ntp-server3",
			"hostName": "ntp3.eng.vmware.com"
			}
			
			Response Code : 404 Not Found
			Response body :
			{
			"status": "",	

			"message": "NTP server (hostName) does not exist.", "errorCode": "LCM_SETTINGS_API_ERROR0002", "errorLabel": "Settings data does not exist.", "recommendations": [] }	

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

			}
			
			Response Code : 400 Bad Request
			Response body :
			{
			  "status": "",
			  "message": "NTP name cannot be blank.",
			  "errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",
			  "errorLabel": "Request Payload does not comply with constraints.",
			  "recommendations": []
			}
			The linked image cannot be displayed. The file may have been moved, renamed, o...404 - Not Found
			When NTP server does not exist.
			Sample Request body :
			{
			  "name": "ntp-server3",
			  "hostName": "ntp3.eng.vmware.com"
			}
			
			Response Code : 404 Not Found
			Response body :
			{
			  "status": "",	

			"message": "NTP server (hostName) does not exist.", "errorCode": "LCM_SETTINGS_API_ERROR0002", "errorLabel": "Settings data does not exist.", "recommendations": [] }	

Delete Product NTP Settings	DELETE	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v3/settings/ntp-servers
		Request body :
		ntpHostname : ntp1.eng.vmware.com
		
		Response code : 200 OK
		Response body :
		{
		"name": "ntp-server1",
		"hostName": "ntp1.eng.vmware.com"
		}		

Get Proxy Settings	GET	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/settings/proxies
		Response code : 200 OK
		Response body :
		{
		"proxyEnabled": true,
		"hostName": "10.196.15.121",
		"port": 22,
		"userName": "admin@local",
		"password": "locker:password:5b9d1a8e-49dc-4137-9f8a-b0c2fbb12fe3:VMware1!",
		"proxyEnabledInContentMgmt": false
		}
				This API is used to get the Proxy details.

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

		}		

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

Get Product SNMP Settings	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/lcops/api/v2/settings/snmp Response code : 200 OK Response body : [{ "snmpName": "snmp1", "snmpVersion": "v2c", "communityString": "test", "username": null, "contextName": null, "authType": null, "authPassword": null, "privacyType": null, "privacyPassword": null }, { "snmpName": "snmp2", "snmpVersion": "v2c", "communityString": "test",		This API is used to get the all SNMP details.

		"username": null, "contextName": null, "authType": null, "authPassword": null, "privacyType": null, "privacyPassword": null }]		

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

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

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

			"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000", "errorLabel": "Request Payload does not comply with constraints.", "recommendations": [] }	

Update Product SNMP Settings	PUT	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/settings/snmp
		Request body : "snmpConfigurationDTO"
		{
		"snmpName": "snmp2",
		"snmpVersion": "v2c",
		
		"communityString": "test-3",
		"username": null,
		"contextName": null,
		"authType": null,
		"authPassword": null,
		"privacyType": null,
		
		"privacyPassword": null
		}
		
		Response code : 200 OK
				This API is used to update community string and other details.

Delete Product SNMP Settings	DELETE	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/settings/snmp/{snmpName}
		Request parameter :
		snmpName : snmp2
		
		Response code : 200 OK
		Response body :
		{
		"snmpName": "snmp2",
		"snmpVersion": "v2c",
		"communityString": "test-3",
		"username": null,
		"contextName": null,
		"authType": null,
		"authPassword": null,
		"privacyType": null,
		"privacyPassword": null
		}
				This API is used to delete a SNMP entry by SNMP name.

Get Log Insight Agent Settings	GET	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/settings/log-insight-agent
		Response code : 200 OK
		Response body :
		{
		"hostName": "lcm-57-85.sqa.local",
		"portNumber": "9543",
		"protocol": "CFAPI",
		"sslEnabled": true,
		"bundleFilePath": "",
		"sslTrustAcceptAny": true,
		"sslTrustAcceptTrusted": true,
		"sslCommonName": "",
		"reconnect": "30",
		"maxBufferSize": "2000"
		}
				This API is used to fetch the **Log Insight Agent** details saved for vRSLCM.

Save Log Insight Agent Settings	POST	/lcm/lcops/api/v2/settings/log-insight-agent
		Request body : "logInsightAgentConfigurationDTO"
		{
		"hostName": "lcm-57-85.sqa.local",
		"portNumber": "9543",
		"protocol": "CFAPI",
		"sslEnabled": true,
		"bundleFilePath": "",
		
		"sslTrustAcceptAny": true,
		
		"sslTrustAcceptTrusted": true,
		"sslCommonName": "",
		"reconnect": "30",
		"maxBufferSize": "2000"
		}
		
		Response code : 200 OK
		Response body :
		{
		"hostName": "lcm-57-85.sqa.local",
			400 - Bad Request
			When LogInsight server hostname provided is blank.
			Sample Request body :
			{
			"hostName": "",
			"portNumber": "9543",
			"protocol": "CFAPI",
			"sslEnabled": true,
			"bundleFilePath": "",
			
			"sslTrustAcceptAny": true,
			
			"sslTrustAcceptTrusted": true,
			"sslCommonName": "",
			"reconnect": "30",
			"maxBufferSize": "2000"
			}
			
			Response code : 400 Bad Request
			Response body :
			{
			"status": "",
			"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**.
				
				• Note : Default values of **reconnect** and **maxBufferSize** are **30** and **2000** respectively.

		"portNumber": "9543",
		"protocol": "CFAPI",
		"sslEnabled": true,
		"bundleFilePath": "",
		
		"sslTrustAcceptAny": true,
		
		"sslTrustAcceptTrusted": true,
		"sslCommonName": "",
		"reconnect": "30",
		"maxBufferSize": "2000"
		}
			"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",
			"errorLabel": "Request Payload does not comply with constraints.",
			"recommendations": []
			}
			When LogInsight server protocol is blank.
			Sample Request body :
			{
			"hostName": "lcm-57-85.sqa.local",
			"portNumber": "9543",
			"protocol": "",
			"sslEnabled": true,
			"bundleFilePath": "",
			
			"sslTrustAcceptAny": true,
			
			"sslTrustAcceptTrusted": true,
			"sslCommonName": "",
			"reconnect": "30",
			"maxBufferSize": "2000"
			}
			
			Response Code : 400 Bad Request
			Response body :	

			{
			"status": "",
			"message": "LogInsight server protocol cannot be blank.",
			"errorCode": "LCM_GENERIC_VALIDATION_API_ERROR0000",
			"errorLabel": "Request Payload does not comply with constraints.",
			"recommendations": []
			}	

Health Operation APIs

Name	HTTP Method	Endpoint

Check vRSLCM Health Status	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/health/api/v2/status
		Response code : 200 OK
		Response body :
		{
		"bootstrap": "UP",
		"postgres": "UP",
		"blackstone": "UP",
		"vrlcm-server": "UP"
		}

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 Request parameter : RequestId : d74db999-ac5f-4598-b7a2-f1452fa7620d Response code : 200 OK Response body : { "rootValidations": [{ "id": null, "checkName": "Infrastructure Validations", "checkType": null, "status": "PASSED", "recommendations": null, "resultDescription": null, "elementType": "GROUP", "childElements": [{ "id": null, "checkName": "Vcenter Validations", "checkType": null, "status": "PASSED", "recommendations": null, "resultDescription": null, "elementType": "GROUP", "childElements": [{ "id": null, "checkName": "lcm-vc.sqa.local", "checkType": null, "status": "PASSED", "recommendations": null, "resultDescription": null, "elementType": "RESOURCE", "childElements": [{ "id": null,

```
                  "checkName": "Check credentials for
the given vCenter.",
                  "checkType": "ERROR",
                  "status": "PASSED",
                  "recommendations": null,
                  "resultDescription": "Check if
correct credentials have been provided for the given
vCenter.",
                  "elementType": "CHECK",
                  "childElements": null
                }
              ]
            }
          ]
        },
        {
          "id": null,
          "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",
                  "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
                }
              ]
            }
          ]
        },
        {
          "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",
                  "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",
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```
                "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,
              "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,
          "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
		`Response code : 200 OK`
		`Response body :`
		`{`
		`"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
		Request body :
		{
		"description": "string",
		"enabled": true,
		"request": {
		"requestId": "string"
		},
		"state": "ENABLED"
		}
		
		Response code : 200 OK
		Response body:
		{
		"enabled": false,
		"state": "CHANGING",
		"description": "Enabling FIPS mode for vRSLCM appliance and services.",
		"request": {
		"requestId": "1d23b8c3-1b0a-4a7b-b97a-e1ede860bfd5"
		}
		}
			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	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/authzn/api/v2/re-register/auth-provider
		Response code : 200 OK
		Response body :
		{
		"vmid": "53ab05f3-fbd7-4f70-be4c-b1918cf807a9",
		"transactionId": null,
		"requestName": "setauthprovider",
		"requestReason": "Set Authentication Provider for vRSLCM",
		"requestType": "Set Authentication Provider for vRSLCM",
		"requestSource": null,
		"requestSourceType": "user",
		"inputMap": {
		"environmentId": "globalenvironment",
		"environmentName": "globalenvironment"
		},
		"outputMap": {},
		"state": "CREATED",
				This API is used to reset the Authentication provider in vRSLCM.
				
				Make sure **globalenvironment** is present in vRSLCM.

		"executionId": null, "executionPath": null, "executionStatus": null, "errorCause": null, "resultSet": null, "isCancelEnabled": null, "lastUpdatedOn": 1595910744828, "createdBy": null }		

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

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

Authentication User Operation APIs

Name	HTTP Method	Endpoint	Error Response codes	Description

Get all Provider mapped Users	GET	/lcm/authzn/api/v2/users/provider
		Response code : 200 OK
		Response body :
		[
		{
		"vmid": "3eef09c1-ae69-4f20-ba97-07f607227b13",
		"username": "lcmuser1",
		"password": null,
		"userType": "VIDM_AD_USER",
		"displayName": "lcm user1",
		
		"providerIdentifier": "3d6701ea-0c5b-43e7-871c-468947e86618",
		"domain": "sqa.local",
		"isDisabled": false,
		
		"userPrincipalName": null,
		"userMetadata": {
		
		"distinguishedName": null,
		"externalId": "764195c6-5504-4f56-8c34-b372d47f5176",
		"emails": [],
			404 - Not Found
			When provider mapped users does not exists.
			Response Code : 404 Not Found
			Response body :
			{
			"status": "",
			"message": "Provider mapped users not found",
			"errorCode": "LCM_AUTHN_USER_API_ERROR0001",
			"errorLabel": "User does not exist.",
			"recommendations": []
			}
				This API is used to fetch all provider mapped users.
				
				Make sure to create users and have corresponding role mappings before triggering this API.

		"additionalMeta": [],
		"givenName": "lcm",
		"familyName": "user1"
		},
		"roleMappings": [
		{
		"vmid": "b6c2101c-9ae4-43d0-a361-0abaf749358b",
		"roleName": "Content Release Manager",
		"roleDescription": "Content Release Manager"
		}
		]
		},
		{
		"vmid": "0b94b26a-76f7-4dba-ad70-586fdc091d36",
		"username": "lcmuser2",
		"password": null,
		"userType": "VIDM_AD_USER",
		"displayName": "lcm user2",
		"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}
		Request parameter :
		username : configadmin
		domain : System Domain
		
		Response code : 200 OK
		Response body :
		{
		"vmid": "c05a9777-f5ec-4a4c-b0ba-cd45f808cddd",
		"username": "configadmin",
		"password": null,
		"userType": "VIDM_LOCAL_USER",
		"displayName": "configadmin configadmin",
		
		"providerIdentifier": "6304f1ed-17e0-4128-b86f-e29c6563e32f",
		"domain": "System Domain",
		"isDisabled": false,
		
		"userPrincipalName": null,
		"userMetadata": {
			404 - Not Found
			When either userName or Domain is invalid.
			Request parameter :
			username : config
			domain : System Domain
			
			Response Code : 404 Not Found
			Response body :
			{
			"status": "",
			"message": "User not found with username : config and domain : System Domain",
			"errorCode": "LCM_AUTHN_USER_API_ERROR0001",
			"errorLabel": "User does not exist.",
			"recommendations": []
			}
				This API is used to fetch a user by userName and Domain.

		"distinguishedName": null, "externalId": null, "emails": ["rvishnuvardh@vmware.co"], "additionalMeta": null, "givenName": "configadmin", "familyName": "configadmin" }, "roleMappings": [{ "vmid": "bc1db11b-245c-4521-ace0-f4b8f96a205a", "roleName": "Certificate Administrator", "roleDescription": "Administrator for Certificate operations", "authorities": "LOCKER_CERTIFICATE_ADMIN", "isInternal": false }, { "vmid": "e2854133-51cf-4250-9325-9b9748590b05",		

		"roleName": "LCM Cloud Admin", "roleDescription": "vRealize Lifecycle Manager Cloud Admin", "authorities": "LCM_CLOUD_ADMIN", "isInternal": false }, { "vmid": "34fb78e1-43ee-4f36-b71a-c68c58d09b43", "roleName": "Content Release Manager", "roleDescription": "Content Release Manager", "authorities": "RELEASE_MANAGER", "isInternal": false }, { "vmid": "722c2945-3b69-4e29-8b32-b3d0d37ee311", "roleName": "Content Developer", "roleDescription": "Content developer", "authorities": "CONTENT_DEVELOPER", "isInternal": false		

		}] }		

Get a User by Principal Name and Domain	GET	/lcm/authzn/api/v2/users/name/{username}/domain/{domain}
		Request parameter :
		upn : configadmin_upn
		domain : System Domain
		
		Response code : 200 OK
		Response body :
		{
		"vmid": "c05a9777-f5ec-4a4c-b0ba-cd45f808cddd",
		"username": "configadmin",
		"password": null,
		"userType": "VIDM_LOCAL_USER",
		"displayName": "configadmin configadmin",
		
		"providerIdentifier": "6304f1ed-17e0-4128-b86f-e29c6563e32f",
		"domain": "System Domain",
		"isDisabled": false,
		
		"userPrincipalName": "configadmin_upn",
		"userMetadata": {
			404 - Not Found
			When Principle Name or Domain is invalid.
			Request parameter :
			upn : admin@local
			domain : LCM General
			
			Response code : 404 Not Found
			Response body :
			{
			"status": "",
			"message": "User not found with principal name : admin@local and domain : LCM Local",
			"errorCode": "LCM_AUTHN_USER_API_ERROR0001",
			"errorLabel": "User does not exist.",
			"recommendations": []
			}
				This API is used to fetch user details by Principal Name and Domain

		"distinguishedName": null, "externalId": null, "emails": ["kbolaj@vmware.com"], "additionalMeta": null, "givenName": "configadmin", "familyName": "configadmin" }, "roleMappings": [{ "vmid": "bc1db11b-245c-4521-ace0-f4b8f96a205a", "roleName": "Certificate Administrator", "roleDescription": "Administrator for Certificate operations" }, { "vmid": "e2854133-51cf-4250-9325-9b9748590b05", "roleName": "LCM Cloud Admin", "roleDescription": "vRealize Lifecycle Manager Cloud Admin"		

		},
		{
		"vmid": "34fb78e1-43ee-4f36-b71a-c68c58d09b43",
		"roleName": "Content Release Manager",
		
		"roleDescription": "Content Release Manager"
		},
		{
		"vmid": "722c2945-3b69-4e29-8b32-b3d0d37ee311",
		"roleName": "Content Developer",
		
		"roleDescription": "Content developer"
		}
		]
		}		

Get a User by Provider Identifier	GET	/lcm/authzn/api/v2/users/providers/{providerId}
		Request parameter :
		providerId :
		3d6701ea-0c5b-43e7-871c-468947e86618
		
		Response code : 200 OK
		Response body :
		{
		"vmid": "3eef09c1-ae69-4f20-ba97-07f607227b13",
		"username": "lcmuser1",
		"password": null,
		"userType": "VIDM_AD_USER",
		"displayName": "lcm user1",
		
		"providerIdentifier": "3d6701ea-0c5b-43e7-871c-468947e86618",
		"domain": "sqa.local",
		"isDisabled": false,
		
		"userPrincipalName": null,
		"userMetadata": {
		
		"distinguishedName": null,
			404 - Not Found
			When invalid Provider ID is provided.
			Request parameter :
			providerId :
			3d6701ea-0c5b-43e7-871c-468947e86618
			
			Response Code : 404 Not Found
			Response body :
			{
			"status": "",
			"message": "User not found with provider identifier : 3d6701ea-0c5b-43e7-871c-468947e86618",
			"errorCode": "LCM_AUTHN_USER_API_ERROR0001",
			"errorLabel": "User does not exist.",
			"recommendations": [
			"Please provide valid provider identifier."
			]
			}
				This API is used to get a User by Provider ID.

		"externalId": "764195c6-5504-4f56-8c34-b372d47f5176", "emails": [], "additionalMeta": [], "givenName": "lcm", "familyName": "user1" }, "roleMappings": [{ "vmid": "b6c2101c-9ae4-43d0-a361-0abaf749358b", "roleName": "Content Release Manager", "roleDescription": "Content Release Manager" }] }		

Add a User and assign role(s)	POST	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/authzn/api/v2/users
		Request body :
		"userRequestDTO"
		{
		"username": "configadmin",
		"password": null,
		"userType": "VIDM_LOCAL_USER",
		"displayName": "configadmin configadmin",
		
		"providerIdentifier": "6304f1ed-17e0-4128-b86f-e29c6563e32f",
		"domain": "System Domain",
		"isDisabled": false,
		
		"userPrincipalName": "configadmin_upn",
		"userMetadata": {
		
		"distinguishedName": null,
		"externalId": null,
		"emails": [
		
		"kbolaj@vmware.com"
		],
		
		"additionalMeta": null,
		"givenName": "configadmin",
				This API is used to update add a user and assign roles to it.

		"familyName": "configadmin"
		},
		"mappedRoles": [
		"722c2945-3b69-4e29-8b32-b3d0d37ee311",
		"34fb78e1-43ee-4f36-b71a-c68c58d09b43"
		]
		}
		
		Response code : 201 Created
		Response body :
		{
		"vmid": "7c2e877b-f444-4a33-9e9f-ffdfb71ad632",
		"username": "configadmin",
		"password": null,
		"userType": "VIDM_LOCAL_USER",
		"displayName": "configadmin configadmin",
		
		"providerIdentifier": "6304f1ed-17e0-4128-b86f-e29c6563e32f",
		"domain": "System Domain",
		"isDisabled": false,
		
		"userPrincipalName": "configadmin_upn",
		"userMetadata": {		

		"distinguishedName": null,
		"externalId": null,
		"emails": [
		"kbolaj@vmware.com"
		],
		"additionalMeta": null,
		"givenName": "configadmin",
		"familyName": "configadmin"
		},
		"roleMappings": [
		{
		"vmid": "722c2945-3b69-4e29-8b32-b3d0d37ee311",
		"roleName": "Content Developer",
		"roleDescription": "Content developer"
		},
		{
		"vmid": "34fb78e1-43ee-4f36-b71a-c68c58d09b43",
		"roleName": "Content Release Manager",
		"roleDescription": "Content Release Manager"
		}
		]		

		}		

Update user role(s) by ID	PUT/PATCH	/lcm/authzn/api/users/{vmid}
		Request parameter :
		vmid : 7c2e877b-f444-4a33-9e9f-ffdfb71ad632
		
		Request body :
		"userRequestDTO"
		{
		"vmid": "7c2e877b-f444-4a33-9e9f-ffdfb71ad632",
		"username": "configadmin",
		"password": null,
		"userType": "VIDM_LOCAL_USER",
		"displayName": "configadmin configadmin",
		
		"providerIdentifier": "6304f1ed-17e0-4128-b86f-e29c6563e32f",
		"domain": "System Domain",
		"isDisabled": false,
		
		"userPrincipalName": "configadmin_upn",
		"userMetadata": {
		
		"distinguishedName": null,
			404 - Not Found
			When user ID is invalid.
			vmid : 7c2e877b-f444-4a33-9e9f-ffdfb71ad63
			
			Request body :
			"userRequestDTO"
			{
			"vmid": "7c2e877b-f444-4a33-9e9f-ffdfb71ad632",
			"username": "configadmin",
			"password": null,
			"userType": "VIDM_LOCAL_USER",
			"displayName": "configadmin configadmin",
			
			"providerIdentifier": "6304f1ed-17e0-4128-b86f-e29c6563e32f",
			"domain": "System Domain",
			"isDisabled": false,
			
			"userPrincipalName": "configadmin_upn",
			"userMetadata": {
			
			"distinguishedName": null,
			"externalId": null,
			"emails": [
				This API is used to update roles for a user.

```
        "externalId": null,
        "emails": [
            "kbolaj@vmware.com"
        ],
        "additionalMeta": null,
        "givenName": "configadmin",
        "familyName": "configadmin"
    },
    "roleMappings": [
        {
            "vmid": "722c2945-3b69-4e29-8b32-b3d0d37ee311",
            "roleName": "Content Developer",
            "roleDescription": "Content developer"
        },
        {
            "vmid": "34fb78e1-43ee-4f36-b71a-c68c58d09b43",
            "roleName": "Content Release Manager",
            "roleDescription": "Content Release Manager"
        }
    ],
    "mappedRoles": [
        "kbolaj@vmware.com"
        ],
        "additionalMeta": null,
        "givenName": "configadmin",
        "familyName": "configadmin"
    },
    "roleMappings": [
        {
            "vmid": "722c2945-3b69-4e29-8b32-b3d0d37ee311",
            "roleName": "Content Developer",
            "roleDescription": "Content developer"
        },
        {
            "vmid": "34fb78e1-43ee-4f36-b71a-c68c58d09b43",
            "roleName": "Content Release Manager",
            "roleDescription": "Content Release Manager"
        }
    ],
    "mappedRoles": [
        "722c2945-3b69-4e29-8b32-b3d0d37ee311",
```

		"722c2945-3b69-4e29-8b32-b3d0d37ee311",
		"34fb78e1-43ee-4f36-b71a-c68c58d09b43",
		"e2854133-51cf-4250-9325-9b9748590b05",
		"bc1db11b-245c-4521-ace0-f4b8f96a205a"
		]
		}
		
		Response code : 200 OK
		Response body :
		{
		"vmid": "7c2e877b-f444-4a33-9e9f-ffdfb71ad632",
		"username": "configadmin",
		"password": null,
		"userType": "VIDM_LOCAL_USER",
		"displayName": "configadmin configadmin",
		
		"providerIdentifier": "6304f1ed-17e0-4128-b86f-e29c6563e32f",
		"domain": "System Domain",
		"isDisabled": false,
			"34fb78e1-43ee-4f36-b71a-c68c58d09b43",
			"e2854133-51cf-4250-9325-9b9748590b05",
			"bc1db11b-245c-4521-ace0-f4b8f96a205a"
			]
			}
			
			Response Code : 404 Not Found
			Response body :
			{
			"status": "",
			"message": "User with id 7c2e877b-f444-4a33-9e9f-ffdfb71ad63 could not be found",
			"errorCode": "LCM_AUTHN_USER_API_ERROR0001",
			"errorLabel": "User does not exist.",
			"recommendations": []
			}	

		"userPrincipalName": "configadmin_upn",
		"userMetadata": {
		"distinguishedName": null,
		"externalId": null,
		"emails": [
		"kbolaj@vmware.com"
		],
		"additionalMeta": null,
		"givenName": "configadmin",
		"familyName": "configadmin"
		},
		"roleMappings": [
		{
		"vmid": "bc1db11b-245c-4521-ace0-f4b8f96a205a",
		"roleName": "Certificate Administrator",
		"roleDescription": "Administrator for Certificate operations"
		},
		{
		"vmid": "e2854133-51cf-4250-9325-9b9748590b05",
		"roleName": "LCM Cloud Admin",		

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

Delete a User by ID	DELETE	/lcm/authzn/api/users/{vmid}
		Request parameter :
		vmid : 7c2e877b-f444-4a33-9e9f-ffdfb71ad632
		
		Response code : 200 OK
		Response body :
		{
		"vmid": "7c2e877b-f444-4a33-9e9f-ffdfb71ad632",
		"username": "configadmin",
		"password": null,
		"userType": "VIDM_LOCAL_USER",
		"displayName": "configadmin configadmin",
		
		"providerIdentifier": "6304f1ed-17e0-4128-b86f-e29c6563e32f",
		"domain": "System Domain",
		"isDisabled": false,
		
		"userPrincipalName": "configadmin_upn",
		"userMetadata": {
			404 - Not Found
			When user ID is invalid.
			vmid : 7c2e877b-f444-4a33-9e9f-ffdfb71ad63
			
			Response Code : 404 Not Found
			Response body :
			{
			"status": "",
			"message": "User with id 7c2e877b-f444-4a33-9e9f-ffdfb71ad63 could not be found",
			"errorCode": "LCM_AUTHN_USER_API_ERROR0001",
			"errorLabel": "User does not exist.",
			"recommendations": []
			}
				This API is used to delete a user roles.

		"distinguishedName": null, "externalId": null, "emails": ["kbolaj@vmware.com"], "additionalMeta": null, "givenName": "configadmin", "familyName": "configadmin" }, "roleMappings": [{ "vmid": "bc1db11b-245c-4521-ace0-f4b8f96a205a", "roleName": "Certificate Administrator", "roleDescription": "Administrator for Certificate operations" }, { "vmid": "e2854133-51cf-4250-9325-9b9748590b05", "roleName": "LCM Cloud Admin", "roleDescription": "vRealize Lifecycle Manager Cloud Admin"		

		},
		{
		"vmid": "34fb78e1-43ee-4f36-b71a-c68c58d09b43",
		"roleName": "Content Release Manager",
		
		"roleDescription": "Content Release Manager"
		},
		{
		"vmid": "722c2945-3b69-4e29-8b32-b3d0d37ee311",
		"roleName": "Content Developer",
		
		"roleDescription": "Content developer"
		}
		]
		}		

Get Users by Principal Name	GET	/lcm/authzn/api/users/upn/{upn}
		Request parameter :
		upn : configadmin_upn
		
		Response body :
		{
		"vmid": "77e3de56-18ba-45b1-b8e3-afc6d0c7c7f2",
		"username": "configadmin",
		"password": null,
		"userType": "VIDM_LOCAL_USER",
		"displayName": "configadmin configadmin",
		
		"providerIdentifier": "6304f1ed-17e0-4128-b86f-e29c6563e32f",
		"domain": "System Domain",
		"isDisabled": false,
		
		"userPrincipalName": "configadmin_upn",
		"userMetadata": {
		
		"distinguishedName": null,
		"externalId": null,
		"emails": [
			404 - Not Found
			When user with principal name does not exist
			Request parameter :
			upn : configadmin1
			
			Response body :
			{
			"status": "",
			"message": "User not found with principal name : configadmin1",
			"errorCode": "LCM_AUTHN_USER_API_ERROR0001",
			"errorLabel": "User does not exist.",
			"recommendations": [
			"Please provide a valid Principal Name."
			]
			}
				This API is used to get a user by its principal name.

		"kbolaj@vmware.com"
		  ],
		  "additionalMeta": null,
		  "givenName": "configadmin",
		  "familyName": "configadmin"
		  },
		  "roleMappings": [
		  {
		  "vmid": "722c2945-3b69-4e29-8b32-b3d0d37ee311",
		  "roleName": "Content Developer",
		  "roleDescription": "Content developer"
		  },
		  {
		  "vmid": "34fb78e1-43ee-4f36-b71a-c68c58d09b43",
		  "roleName": "Content Release Manager",
		  "roleDescription": "Content Release Manager"
		  }
		  ]
		}		

Update Local User Password	PUT	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/authzn/api/v2/users/update/password
		Request body : "passwordUpdateRequestDTO"
		{
		"password": "VMware1!",
		"username": "admin@local"
		}
		
		Response code : 200 OK
		Response body :
		{
		"password": "VMware1!",
		"username": "admin@local"
		}
				This API is used to update the password for vRSLCM local user.

Search Vidm User Group	POST	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/authzn/api/v2/search/vidm-user-grp **Searching User Group** Request body : "vidmSearchUserRequestDTO" { "vidmDomainName": "sqa.local", "vidmAdminPassword": "locker:password:65b3111f-5512-4915-b68c-d1c0fde2f86e:VC2-password", "vidmHost": "lcm-34-251.sqa.local", "vidmAdminUser": "admin", "vidmVersion": "3.3.2", "vidmRootPassword": "locker:password:5b9d1a8e-49dc-4137-9f8a-b0c2fbb12fe3:VMware1!", "vidmSshPassword": "locker:password:5b9d1a8e-49dc-4137-9f8a-b0c2fbb12fe3:VMware1!", "vidmOAuthServiceClientId":		This API is used to search the users and groups for which roles needs to be assigned.

		"Service__OAuth2Client",
		
		"vidmOAuthServiceClientSecret": "HrsPFSBHxSnow8Bsoi74kiSZDOZzYn91",
		"tenancyEnabled": false,
		"clusteredVidm": false,
		"searchString": "v"
		}
		
		Response code : 200 OK
		Response body :
		{
		"vmid": "c27b4d67-10e2-4a25-8695-147e70262a59",
		"transactionId": null,
		"requestName": "searchusergrp",
		"requestReason": "Search users and groups given a search string",
		"requestType": "Search users and groups given a search string",
		"requestSource": null,
		
		"requestSourceType": "user",		

		"inputMap": { "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\"}" }, "outputMap": {}, "state": "CREATED", "executionId": null, "executionPath": null, "executionStatus": null, "errorCause": null, "resultSet": null,		

		"isCancelEnabled": null, "lastUpdatedOn": 1596780658048, "createdBy": null }		

Authentication Group Operation APIs

Name	HTTP Method	Endpoint

Add a Group and assign role(s)	POST	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/authzn/api/v2/groups
		Request body : "groupRequestDTO"
		{
		"displayName": "ALL USERS",
		"groupType": "ALL_USERS",
		"providerIdentifier": "c1c9f52d-afd1-4561-afbf-2b537b02cad1",
		"domain": null,
		"isDisabled": false,
		"groupMetadata": {
		"distinguishedName": null,
		"externalId": null,
		"additionalMeta": []
		},
		"mappedRoles": [
		"9b497b75-b805-42bb-aa0b-d77b1c8563e6",
		"056ff129-813a-49cf-80b8-1706afc053a7",
		"6d9aa54d-1cab-42cc-8801-18fc81f5ddf3",
		"4a6d8ac2-468f-49e6-9a7b-11d221113a32"
		]
		}
		
		Response code : 201 Created
		Response body :
		{
		"status": "SUCCESS",
		"statusCode": "CREATED",
		"message": "Success",
		"resourceIdentifier": "cf8d99a2-3748-486f-b555-6ac64bc9f84c",
		"errorStackTrace": null,
		"errorCode": 0,
		"errors": null
		}

Update Group role(s) by ID	PUT/PATCH	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/authzn/api/v2/groups/{vmid}
		Request parameters :
		vmid : cf8d99a2-3748-486f-b555-6ac64bc9f84c
		
		Request body :
		{
		"displayName": "ALL USERS",
		"groupType": "ALL_USERS",
		"providerIdentifier": "c1c9f52d-afd1-4561-afbf-2b537b02cad1",
		"domain": "sqa.local",
		"isDisabled": false,
		"groupMetadata": {
		"distinguishedName": null,
		"externalId": null,
		"additionalMeta": []
		},
		"mappedRoles": [
		"9b497b75-b805-42bb-aa0b-d77b1c8563e6",
		"056ff129-813a-49cf-80b8-1706afc053a7",
		"6d9aa54d-1cab-42cc-8801-18fc81f5ddf3",
		"4a6d8ac2-468f-49e6-9a7b-11d221113a32"
		]
		}
		
		Response code : 200 OK
		Response body :
		{
		"status": "SUCCESS",
		"statusCode": "OK",
		"message": "Group updated sucessfully",
		"resourceIdentifier": null,
		"errorStackTrace": null,
		"errorCode": 0,
		"errors": null
		}

Delete a Group by ID	DELETE	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/authzn/api/v2/groups/{vmid}
		`Request parameters :`
		`vmid : cf8d99a2-3748-486f-b555-6ac64bc9f84c`
		
		`Response code : 200 OK`
		`Response headers :`
		`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	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/authzn/api/v2/groups/name/{displayName}
		Request parameter :
		displayname : ALL USERS
		
		Response code : 200 OK
		Response body :
		[
		  {
		  "vmid": "cf8d99a2-3748-486f-b555-6ac64bc9f84c",
		  "displayName": "ALL USERS",
		  "groupType": "ALL_USERS",
		  "providerIdentifier": "c1c9f52d-afd1-4561-afbf-2b537b02cad1",
		  "domain": null,
		  "isDisabled": false,
		  "groupMetadata": {
		  "distinguishedName": null,
		  "externalId": null,
		  "additionalMeta": []
		  },
		  "roleMappings": [
		  {
		  "vmid": "9b497b75-b805-42bb-aa0b-d77b1c8563e6",
		  "roleName": "Content Developer",
		  "roleDescription": "Content developer"
		  },
		  {
		  "vmid": "056ff129-813a-49cf-80b8-1706afc053a7",
		  "roleName": "Content Release Manager",
		  "roleDescription": "Content Release Manager"
		  },
		  {
		  "vmid": "6d9aa54d-1cab-42cc-8801-18fc81f5ddf3",
		  "roleName": "LCM Cloud Admin",

		"roleDescription": "vRealize Lifecycle Manager Cloud Admin"
		},
		{
		"vmid": "4a6d8ac2-468f-49e6-9a7b-11d221113a32",
		"roleName": "Certificate Administrator",
		"roleDescription": "Administrator for Certificate operations"
		}
		]
		}
		]

Get a Group by Display Name and Domain	GET	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/authzn/api/v2/groups/name/{displayName}/domain/{domain}
		Request parameter :
		displayname : ALL USERS
		domain : sqa.local
		
		Response code : 200 OK
		Response body :
		{
		"vmid": "cf8d99a2-3748-486f-b555-6ac64bc9f84c",
		"displayName": "ALL USERS",
		"groupType": "ALL_USERS",
		"providerIdentifier": "c1c9f52d-afd1-4561-afbf-2b537b02cad1",
		"domain": "sqa.local",
		"isDisabled": false,
		"groupMetadata": {
		"distinguishedName": null,
		"externalId": null,
		"additionalMeta": []
		},
		"roleMappings": [
		{
		"vmid": "4a6d8ac2-468f-49e6-9a7b-11d221113a32",
		"roleName": "Certificate Administrator",
		"roleDescription": "Administrator for Certificate operations",
		"authorities": "LOCKER_CERTIFICATE_ADMIN",
		"isInternal": false
		},
		{
		"vmid": "056ff129-813a-49cf-80b8-1706afc053a7",
		"roleName": "Content Release Manager",
		"roleDescription": "Content Release Manager",
		"authorities": "RELEASE_MANAGER",
		"isInternal": false
		},
		{
		"vmid": "6d9aa54d-1cab-42cc-8801-18fc81f5ddf3",

		"roleName": "LCM Cloud Admin",
		"roleDescription": "vRealize Lifecycle Manager Cloud Admin",
		"authorities": "LCM_CLOUD_ADMIN",
		"isInternal": false
		},
		{
		"vmid": "9b497b75-b805-42bb-aa0b-d77b1c8563e6",
		"roleName": "Content Developer",
		"roleDescription": "Content developer",
		"authorities": "CONTENT_DEVELOPER",
		"isInternal": false
		}
		]
		}

Get a Group by Provider Identifier	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/authzn/api/v2/groups/providers/{providerId}
		Request parameter :
		providerId : c1c9f52d-afd1-4561-afbf-2b537b02cad1
		
		Response code : 200 OK
		Request body :
		{
		"vmid": "cf8d99a2-3748-486f-b555-6ac64bc9f84c",
		"displayName": "ALL USERS",
		"groupType": "ALL_USERS",
		"providerIdentifier": "c1c9f52d-afd1-4561-afbf-2b537b02cad1",
		"domain": "sqa.local",
		"isDisabled": false,
		"groupMetadata": {
		"distinguishedName": null,
		"externalId": null,
		"additionalMeta": []
		},
		"roleMappings": [
		{
		"vmid": "4a6d8ac2-468f-49e6-9a7b-11d221113a32",
		"roleName": "Certificate Administrator",
		"roleDescription": "Administrator for Certificate operations"
		},
		{
		"vmid": "056ff129-813a-49cf-80b8-1706afc053a7",
		"roleName": "Content Release Manager",
		"roleDescription": "Content Release Manager"
		},
		{
		"vmid": "6d9aa54d-1cab-42cc-8801-18fc81f5ddf3",
		"roleName": "LCM Cloud Admin",
		"roleDescription": "vRealize Lifecycle Manager Cloud Admin"
		},
		{

		"vmid": "9b497b75-b805-42bb-aa0b-d77b1c8563e6", "roleName": "Content Developer", "roleDescription": "Content developer" }] }

Authentication Role Operation APIs

Name	HTTP Method	Endpoint	Description

Get all External APIs	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/authzn/api/v2/roles/external
		Response Code : 200 OK
		Response body :
		[
		  {
		  "vmid": "722c2945-3b69-4e29-8b32-b3d0d37ee311",
		  "roleName": "Content Developer",
		  "roleDescription": "Content developer"
		  },
		  {
		  "vmid": "28978da4-353b-4a05-a961-a754b7299797",
		  "roleName": "LCM Admin",
		  "roleDescription": "vRealize Lifecycle Manager Administrator"
		  },
		  {
		  "vmid": "34fb78e1-43ee-4f36-b71a-c68c58d09b43",
		  "roleName": "Content Release Manager",
		  "roleDescription": "Content Release Manager"
		  },
		  {
		  "vmid": "e2854133-51cf-4250-9325-9b9748590b05",
		  "roleName": "LCM Cloud Admin",
		  "roleDescription": "vRealize Lifecycle Manager Cloud Admin"
		  },
		  {
			This API is used to get all external roles that needs to be assigned to a user or a group.

		"vmid": "bc1db11b-245c-4521-ace0-f4b8f96a205a", "roleName": "Certificate Administrator", "roleDescription": "Administrator for Certificate operations" }]	

Generic Error Response Codes

Response code	Description	Response body/template	Details

401	Unauthorized	**Response body**
		{
		"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** { "errorCode": "string", "errorLabel": "string", "message": "string", "recommendations": [	This is the generic error response body template for all APIs.
403	Forbidden		
404	Not Found		
409	Conflict		

500	Internal Server Error	"string"], "status": "string" }	

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 Operation APIs	LCM_CERTIFICATE_API_ERROR0000	Unknown Certificate error.
	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	LCM_AUTHN_USER_API_ERROR0000	Unknown Authentication User error.

Operation APIs	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_8.3_postmanCollection.json
2. Postman environment : vRSLCM_publicAPIs_8.3_postman_environment.json
3. Postman collection for VCF aware vRSLCM: VCF_aware_vRSLCM_PublicAPIs_8.3_postmanCollection.json
4. Postman environment for VCF aware vRSLCM: VCF_aware_vRSLCM_publicAPIs_8.3_postman_environment.json

Content Management API

Activity Log Controller

Name	HTTP Method	Endpoint	Description

Get activity logs	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/cms/api/v1/logs Response Code : 200 OK Response body : { "contents": [{ "id": "330034a0-ca71-4fb5-8889-90ee5e68b52f", "createdOn": 1601962334077, "lastUpdatedOn": 1601962334077, "message": "Completed Automation-Subscription, test-subscription 1 cava-vra-test", "referenceId": "a455defa-e418-43fc-b213-d2092d605538", "level": "COMPLETED", "activity": "Capture", "referenceType": "CONTENT", "requestNumber": 99 }, { "id": "d7b17c2e-c700-47a8-a7ba-3bbf3d599164", "createdOn": 1601962333128, "lastUpdatedOn": 1601962333128, "message": "Completed Automation-Subscription, compute-removal-subs-abx 1 cava-vra-test", "referenceId": "b011924b-885c-4865-866f-187e545fce28", "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",
            "referenceId": "b011924b-
885c-4865-866f-187e545fce28",
            "level": "INFO",
            "activity": "Capture",
            "referenceType": "CONTENT",
            "requestNumber": 99
        },
        {
            "id": "94ae8c4b-acd1-437f-
8200-4c3bf6a32560",
            "createdOn": 1601962196584,
```

```
            "lastUpdatedOn": 1601962196584,
            "message": "Endpoint Successfully Created",
            "referenceId": "a62c4d79-c2e1-416a-95de-215de772484c",
            "level": "COMPLETED",
            "activity": "CREATED ENDPOINT",
            "referenceType": "ENDPOINT",
            "requestNumber": 98
        },
        {
            "id": "e8170c63-ec5d-47ef-b396-5b1b62b3d518",
            "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	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/cms/api/v1/contents/categories Response Code : 200 OK Response body : { "contents": [{ "id": "Automation-v7", "createdOn": 1600767254411, "lastUpdatedOn": 1600767254446, "name": "Automation", "version": "7", "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"
            ]
        },
        {
            "id": "Operations",
            "createdOn":
1600767254474,
            "lastUpdatedOn":
1600767254480,
            "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",
                "Operations-View",
                "Orchestrator-Action",
                "Orchestrator-
ConfigurationElement",
                "Orchestrator-
Package",
                "Orchestrator-
Workflow",
                "vSphere-
CustomSpecification"
            ]
        },
        {
            "id": "vSphere",
            "createdOn":
1600767254520,
            "lastUpdatedOn":
1600767254525,
            "name": "vSphere",

"minConcurrentPipelinesPerEndpoint":
1,

"maxConcurrentPipelinesPerEndpoint":
1,
            "contentTypes": [
                "vSphere-
CustomSpecification",
                "vSphere-Template"
            ]
        }
    ],
    "metaData": {
        "totatlPages": 1,
        "totalElements": 6,
        "pageElements": 6,
```

		"size": 20, "page": 1 } }	
Get content category by name and version	GET	The linked image cannot be displayed. The file may have been moved, renamed, o...lcm/cms/api/v1/contents/categories Request parameter : name : Response body :	

Content Controller

Name	HTTP Method	Endpoint	Description

Get content items by type	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/cms/api/v1/contentItem
		Request Parameter :
		contentType : Operations-Alert
		
		Response Code : 200 OK
		Response body :
		
		[
		{
		"id": "2e72e760-55c9-41d3-8249-eccc33c547fc",
		"createdOn": 1599642320643,
		"lastUpdatedOn": 1599642320643,
		"name": "A fatal error occured on a PCIe bus during system reboot",
		"contentType": "Operations-Alert",
		"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"
		}
		]	

Get content items	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/cms/api/v1/contents Response Code : 200 OK Response body : { "contents": [{ "id": "785ebac0-ea0f-4f64-ad9e-1854f23731eb", "createdOn": 1601962318519, "lastUpdatedOn": 1601962318519, "name": "test-subscription", "contentType": "Automation-Subscription", "latestVersion": 1, "requestedBy": "admin@local", "category": "Automation" }, { "id": "1491db79-d61c-49cb-b813-14388bcf6034", "createdOn": 1601962318507, "lastUpdatedOn": 1601962318508, "name": "compute-removal-subs-abx", "contentType": "Automation-Subscription", "latestVersion": 1, "requestedBy": "admin@local", "category": "Automation" }, { "id": "43b04a86-13b6-42c2-9c4a-0c2bf24687cd", "createdOn": 1598609292276, "lastUpdatedOn": 1600055454635, "name": "Load Balancer Sessions Rate", "contentType": "Operations-SuperMetric", "latestVersion": 8, "requestedBy": "admin@local", "category": "Operations" }, { "id": "1a628089-a57d-4576-8dd3-2bc6b25b0054",	

```
            "createdOn": 1598609292301,
            "lastUpdatedOn": 1600055454631,
            "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"
        }
    ],
    "metaData": {
        "totatlPages": 2,
        "totalElements": 25,
        "pageElements": 20,
        "size": 20,
        "page": 1
    }
}
```

Get content	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/cms/api/v1/contents
		Request Parameter :
		id : 785ebac0-ea0f-4f64-ad9e-1854f23731eb
		
		Response Code : 200 OK
		Response body :
		
		{
		"contents": [
		{
		"id": "785ebac0-ea0f-4f64-ad9e-1854f23731eb",
		"createdOn": 1601962318519,
		"lastUpdatedOn": 1601962318519,
		"name": "test-subscription",
		"contentType": "Automation-Subscription",
		"latestVersion": 1,
		"requestedBy": "admin@local",
		"category": "Automation"
		}
		],
		"metaData": {
		"totatlPages": 1,
		"totalElements": 1,
		"pageElements": 1,
		"size": 20,
		"page": 1
		}
		}	

Delete content Items	DELETE	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/cms/api/v1/contents/delete Request parameter : contentItemIds : 785ebac0-ea0f-4f64-ad9e-1854f23731eb Response Code : 200 OK Response body :	Deletes content with given Id

Get content versions	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/cms/api/v1/contents/versions
		Response Code : 200 OK
		Response body :
		
		{
		"contents": [
		{}
		],
		"metaData": {
		"page": 0,
		"pageElements": 0,
		"size": 0,
		"totalElements": 0,
		"totatlPages": 0
		}
		}	

Get content version with 'versionId'	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/cms/api/v1/contents/versions Response Code : 200 OK 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	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/cms/api/v1/contents/filters
		`Response Code : 200 OK`
		`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 linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/cms/api/v1/contents/types Response Code : 200 OK Response body : { "contents": [{ "id": "Automation-ComponentProfile", "createdOn": 1600767254044, "lastUpdatedOn": 1600767254078, "name": "Automation-ComponentProfile", "supportPackageMerge": false, "supportsDependencies": false, "supportsFolders": false }, { "id": "Automation-CompositeBlueprint", "createdOn": 1600767254130, "lastUpdatedOn": 1600767254135, "name": "Automation-CompositeBlueprint", "supportPackageMerge": true, "supportsDependencies": true, "supportsFolders": false }, { "id": "Automation-CustomForm",	

```
            "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
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Dashboard",
            "createdOn": 1600767254277,
            "lastUpdatedOn":
1600767254282,
            "name": "Operations-
Dashboard",
            "supportPackageMerge":
false,
            "supportsDependencies":
true,
            "supportsFolders": false
        },
        {
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            "createdOn": 1600767254288,
            "lastUpdatedOn":
1600767254293,
            "name": "Operations-
Report",
            "supportPackageMerge":
false,
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true,
            "supportsFolders": false
        },
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ResourceKindMetricConfig",
            "createdOn": 1600767254299,
            "lastUpdatedOn":
1600767254304,
            "name": "Operations-
ResourceKindMetricConfig",
            "supportPackageMerge":
false,
            "supportsDependencies":
true,
            "supportsFolders": false
        },
        {
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            "createdOn": 1600767254310,
            "lastUpdatedOn":
1600767254314,
            "name": "Operations-
SuperMetric",
            "supportPackageMerge":
false,
            "supportsDependencies":
true,
            "supportsFolders": false
        },
        {
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            "createdOn": 1600767254363,
            "lastUpdatedOn":
1600767254376,
            "name": "Operations-
Symptom",
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false,
            "supportsDependencies":
false,
            "supportsFolders": false
        },
        {
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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",
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false,
            "supportsDependencies":
true,
            "supportsFolders": false
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Action",
            "createdOn": 1600767254241,
            "lastUpdatedOn":
1600767254246,
            "name": "Orchestrator-
Action",
            "supportPackageMerge":
true,
            "supportsDependencies":
true,
            "supportsFolders": true
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        {
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ConfigurationElement",
            "createdOn": 1600767254251,
            "lastUpdatedOn":
1600767254256,
            "name": "Orchestrator-
ConfigurationElement",
            "supportPackageMerge":
true,
            "supportsDependencies":
true,
            "supportsFolders": true
        },
        {
            "id": "Orchestrator-
Package",
            "createdOn": 1600767254218,
            "lastUpdatedOn":
1600767254224,
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Package",
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true,
            "supportsDependencies":
false,
            "supportsFolders": false
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        {
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Workflow",
            "createdOn": 1600767254230,
            "lastUpdatedOn":
1600767254236,
            "name": "Orchestrator-
Workflow",
            "supportPackageMerge":
true,
            "supportsDependencies":
true,
            "supportsFolders": true
        },
        {
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CustomSpecification",
            "createdOn": 1600767254382,
            "lastUpdatedOn":
1600767254386,
            "name": "vSphere-
CustomSpecification",
            "supportPackageMerge":
false,
            "supportsDependencies":
false,
            "supportsFolders": false
        },
        {
            "id": "vSphere-Template",
            "createdOn": 1600767254393,
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		"lastUpdatedOn": 1600767254397,
		"name": "vSphere-Template",
		"supportPackageMerge": false,
		"supportsDependencies": false,
		"supportsFolders": false
		}
		],
		"metaData": {
		"totatlPages": 1,
		"totalElements": 26,
		"pageElements": 26,
		"size": 30,
		"page": 1
		}
		}	

Dependency Artifact Controller

Name	HTTP Method	Endpoint	Description
Get dependency artifacts	GET		

Endpoint Controller

Name	HTTP Method	Endpoint	Description

Get endpoints	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/cms/api/v1/endpoints Response Code : 200 OK Response body : { "contents": [{ "id": "a62c4d79-c2e1-416a-95de-215de772484c", "createdOn": 1601962196119, "lastUpdatedOn": 1601962196574, "supportCapture": true, "supportTest": true, "supportRelease": true, "supportTemplates": false, "supportOnlySourceControlledContent": true, "storeTemplates": false, "requestedBy": "admin@local", "name": "cava-vra-test", "enabled": true, "category": "Automation", "systemEndpoint": false, "version": "8.x", "server": "cava-6-245-135.eng.vmware.com", "userName": "fritz", "password": "locker:eb6210f2-4913-447f-916d-02e879fc84a7", "vroServerId": "4a2c5b69-b99a-4a2d-bbad-a9c354543705",	

```
            "overlayPackageId":
"fd5e8495-ee7b-468f-bc71-
c45092d1f0ee",
            "reviewRequired": false,
            "endpointType":
"CONTENT_ENDPOINT",
            "userIdentity":
"admin@local"
        },
        {
            "id": "4a2c5b69-b99a-4a2d-
bbad-a9c354543705",
            "createdOn":
1601962195390,
            "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",
```

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"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",
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"fd5e8495-ee7b-468f-bc71-
c45092d1f0ee",
            "reviewRequired": false,
            "endpointType":
"CONTENT_ENDPOINT",
            "userIdentity":
"admin@local"
        },
        {
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aefa-d2200cdaca0c",
            "createdOn":
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            "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",
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9fbf-460f-b24e-6d96fdaa287b",
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c45092d1f0ee",
            "reviewRequired": false,
            "endpointType":
"CONTENT_ENDPOINT",
            "userIdentity":
"admin@local"
        },
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            "createdOn":
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            "lastUpdatedOn":
1599741030166,
            "errorMessage": "Endpoint
test connection failed",
            "supportCapture": true,
            "supportTest": true,
            "supportRelease": false,
            "supportTemplates": false,

"supportOnlySourceControlledContent":
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            "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",
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"locker:d166cd00-44ba-4b57-936b-
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            "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":
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            "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",
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82.sqa.local",
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fa866e9a2bd7",
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"com.vmware",
            "ignoreWorkflowFolders":
"/Library,/System",
            "reviewRequired": false,
            "endpointType":
"CONTENT_ENDPOINT",
            "userIdentity":
"admin@local"
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9bc6-99cf51ce11b7",
            "createdOn":
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            "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,
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            "server": "lcm-56-
82.sqa.local",
            "userName": "configadmin",
            "password":
"locker:7d851788-bc0c-460c-a534-
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"com.vmware",
            "ignoreWorkflowFolders":
"/Library,/System",
            "reviewRequired": false,
            "endpointType":
"CONTENT_ENDPOINT",
            "userIdentity":
"admin@local"
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            "id": "2e906674-544e-4793-
917b-145fa9285f91",
            "createdOn":
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            "lastUpdatedOn":
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            "supportTest": true,
            "supportRelease": false,
            "supportTemplates": false,

"supportOnlySourceControlledContent":
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            "storeTemplates": false,
            "requestedBy":
"admin@local",
            "name": "bbcloud-test",
            "enabled": true,
            "category":
"SourceControl",
            "systemEndpoint": false,
            "server": "bitbucket.org",
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"bitbucket-cloud",
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            "sourceControlServerId":
"83736112-e915-4732-b6c3-
46f4f3dd1434",
            "endpointType":
"CONTENT_ENDPOINT",
            "branch": "master",
            "repository": "repo-demo",
            "userIdentity":
"admin@local"
        },
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b7f4-0799a585a6be",
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            "lastUpdatedOn":
1598846946902,
            "supportCapture": true,
            "supportTest": true,
            "supportRelease": true,
            "supportTemplates": false,

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"admin@local",
            "name": "gitlab-test2",
            "enabled": true,
            "category":
"SourceControl",
            "systemEndpoint": false,
            "server":
"gitlab.eng.vmware.com",
            "password": "",
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"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": "",
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"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":
1598845618899,
            "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": "",
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            "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,
            "supportTemplates": false,

"supportOnlySourceControlledContent":
false,
            "storeTemplates": false,
            "requestedBy":
"admin@local",
            "name": "vROps-test",
            "enabled": false,
            "category": "Operations",
            "systemEndpoint": false,
            "server": "10.196.57.80",
            "userName": "admin@local",
```

		"password": "locker:8cfd2613-03eb-403d-803e-a21bf5c78a94", "sshUserName": "root", "sshPassword": "locker:8af5058a-ea14-4b90-b4c9-500c17c9f2ea", "reviewRequired": false, "endpointType": "CONTENT_ENDPOINT", "userIdentity": "admin@local" }], "metaData": { "totatlPages": 1, "totalElements": 14, "pageElements": 14, "size": 20, "page": 1 } }	
Create endpoint	POST	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/cms/api/v1/endpoints Response Code : 200 OK Response body :	

Get endpoint with 'id'	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/cms/api/v1/endpoints Request parameter : id : a62c4d79-c2e1-416a-95de-215de772484c Response Code : 200 OK Response body : { "contents": [{ "id": "a62c4d79-c2e1-416a-95de-215de772484c", "createdOn": 1601962196119, "lastUpdatedOn": 1601962196574, "supportCapture": true, "supportTest": true, "supportRelease": true, "supportTemplates": false, "supportOnlySourceControlledContent": true, "storeTemplates": false, "requestedBy": "admin@local", "name": "cava-vra-test", "enabled": true, "category": "Automation", "systemEndpoint": false, "version": "8.x", "server": "cava-6-245-135.eng.vmware.com", "userName": "fritz", "password": "locker:eb6210f2-4913-447f-916d-02e879fc84a7",	

		"vroServerId": "4a2c5b69-b99a-4a2d-bbad-a9c354543705",
		"overlayPackageId": "fd5e8495-ee7b-468f-bc71-c45092d1f0ee",
		"reviewRequired": false,
		"endpointType": "CONTENT_ENDPOINT",
		"userIdentity": "admin@local"
		}
		],
		"metaData": {
		"totatlPages": 1,
		"totalElements": 1,
		"pageElements": 1,
		"size": 20,
		"page": 1
		}
		}	

Update endpoint with 'id'	PUT	/lcm/cms/api/v1/endpoints Response Code : 200 OK Response body :	

Delete endpoint with 'id'	DELETE	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/cms/api/v1/endpoints
		`Response Code : 200 OK`
		`Response body :`	

Endpoint Server Controller

Name	HTTP Method	Endpoint	Description

Get endpoint servers	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/cms/api/v1/endpoint-servers Response Code : 200 OK Response body : { "contents": [{ "name": "bitbucket", "proxyEnabled": false, "requestId": "1faf8da8-71c2-4a6b-916a-81deb56619ed", "requestedBy": "admin@local", "lastUpdatedBy": "admin@local" }, { "name": "bitbucket.org", "proxyEnabled": false, "requestId": "f2e38537-4f2c-4c4b-ba5a-cfa34e82ab47", "requestedBy": "admin@local", "lastUpdatedBy": "admin@local" }, { "name": "gitlab.rishi", "proxyEnabled": false, "requestId": "6e369ae8-e6f6-450b-bbd8-a7e7e46cced7", "requestedBy": "admin@local", "lastUpdatedBy": "admin@local" }, {	

		"name": "gitlab.eng.vmware.com", "proxyEnabled": false, "requestId": "f8bc61c7-dd2d-4d13-a7cc-14e265424c65", "requestedBy": "admin@local", "lastUpdatedBy": "admin@local" }], "metaData": { "totatlPages": 1, "totalElements": 4, "pageElements": 4, "size": 20, "page": 1 } }	
Update endpoint	PUT	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/cms/api/v1/endpoint-servers Request body : { "endpointServersList": [{ "lastUpdatedBy": "string", "name": "string", "proxyEnabled": true, "requestId": "string", "requestedBy": "string" }] } Response Code : 200 OK	

Global Config Controller

Name	HTTP Method	Endpoint	Description

Get global config	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/cms/api/v1/globalConfig
		`Response Code : 200 OK`
		`Response body :`
		
		`{`
		`"createProductionContent": false`
		`}`	

List Controller

Name	HTTP Method	Endpoint	Description

List Content	GET	The linked image cannot be displayed. The file may have been moved, renamed, o.../lcm/cms/api/v1/endpoints/{id}/content-list/{type}
		Request parameters :
		id (version id) : 283a1543-2547-4dee-92b5-addafaa87999
		type (content type) : Operations-Supermetric
		
		Response Code : 202 Accepted
		Response body :
		
		{
		"requestId": "55522783-4c1d-460f-9897-39aa5cb0853f",
		"status": "IN_PROGRESS",
		"message": "Creating List Content",
		"referenceId": "9de8ae11-17d5-4dcf-9199-4e1f924c8a3b"
		}	

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 linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/cms/api/v1/pipelines Response Code : 200 OK Response body : { "contents": [{ "id": "post-deploy-pipeline", "createdOn": 1598592805057, "lastUpdatedOn": 1598592805057, "name": "Post-Deploy-Pipeline", "pipelineType": "STUB_PIPELINE", "activated": false, "pipelineCondition": "EXECUTE_ON_SUCCESS_AND_FAILURE", "paramList": "contentEndpoint,contentId,contentName,contentType,contentVersionId,requestId,requestNumber,status,requestedBy,userIdentity" }, { "id": "pre-deploy-pipeline", "createdOn": 1598592805036,	

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

		"paramList": "contentEndpoint,contentId,contentName,contentType,contentVersionId,requestId,requestNumber,status,requestedBy,userIdentity" }, { "id": "pre-test-pipeline", "createdOn": 1598592805006, "lastUpdatedOn": 1598592805006, "name": "Pre-Test-Pipeline", "pipelineType": "STUB_PIPELINE", "activated": false, "pipelineCondition": "EXECUTE_ON_SUCCESS_AND_FAILURE", "paramList": "contentEndpoint,contentId,contentName,contentType,contentVersionId,requestId,requestNumber,requestedBy,userIdentity" }, { "id": "post-capture-pipeline", "createdOn": 1598592804978,	

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

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		}
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		"totatlPages": 1,
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		"pageElements": 8,
		"size": 20,
		"page": 1
		}
		}	

Configure PrePost pipelines	PUT		

Get pipeline executions	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/cms/api/v1/pipelines/executions Response Code : 200 OK Response body : { "contents": [{ "id": "a2d43a3c-15d9-448c-979c-e4330c933ec6", "createdOn": 1601962318524, "lastUpdatedOn": 1601962344959, "pipelineType": "CONTENT_PIPELINE", "category": "Unknown", "pipelineData": "{\"stages\":[{\"stage\":\"CAPTURE\",\"comment\":\"cava test\",\"endpointIds\":[\"a62c4d79-c2e1-416a-95de-215de772484c\"],\"tagNames\":[],\"contents\":[{\"contentDetails\":[{\"contentName\":\"compute-removal-subs-abx\",\"contentId\":\"sub_	

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		"pageElements": 20,
		"size": 20,
		"page": 1
		}
		}	

Proxy Controller

Name	HTTP Method	Endpoint	Description

Get proxy	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/cms/api/v1/proxy
		Response Code : 200 OK
		Response body :
		
		{
		"proxyEnabled": false,
		"port": 0,
		"proxyEnabledInContentMgmt": false
		}	

Request Controller

Name	HTTP Method	Endpoint	Description

Get requests	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/cms/api/v1/requests Response Code : 200 OK Response body : { "contents": [{ "id": "fd619303-e5bd-439d-bc3f-204883ce7e2b", "createdOn": 1601962318483, "lastUpdatedOn": 1601962344957, "status": "COMPLETED", "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,\"pro	

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```

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stopDeployOnFirstFailure\"
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		"status": "COMPLETED", "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}", "message": "{\"summaryMessage\":\"Content pipeline failed\",\"failures\":[]}",	

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c8d6-084e-4296-a9d1-
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lse,\"contentVersionIds\":
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,\"deployLatest\":false,\"
stopDeployOnFirstFailure\"
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            "actionName": "Multi-Content",

"internalRequest": false,

"requestNumber": 80
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"requestNumber": 79
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            "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\",\"captureByF
```

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            "message": "{\"summaryMessage\":\"Content pipeline failed\",\"failures\":[]}",
            "actionName": "Multi-Content",

"internalRequest": false,

"requestNumber": 78
        }
    ],
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        "totatlPages": 4,
        "totalElements": 78,

		"pageElements": 20, "size": 20, "page": 1 } }	

Get requests with ID	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/cms/api/v1/requests/{id} parameter : id : cd01d726-fccb-463e-b766-a4814b0e76e4 Response Code : 202 Accepted Response body : { "id": "cd01d726-fccb-463e-b766-a4814b0e76e4", "createdOn": 1600055669144, "lastUpdatedOn": 1600055684741, "status": "COMPLETED", "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,\"stopUnitT	

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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	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/authzn/api/v2/idp/tenants/multitenancy/enable
		Request body :
		
		{
		"masterAlias": "Newmaster56-157"
		}
		
		Response Code : 200 OK
		Response body :
		
		{
		"requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"
		}
			Several prerequisites must be satisfied before invoking this API. These are detailed in this document here: vRSLCM Multi Tenancy Model

#2 Fetch list of tenants	GET	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/authzn/api/v2/idp/tenants
		Response Code : 200 OK
		Response body :
		
		{
		"requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"
		}
			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.

#3 Get status & results of previously submitted request	GET	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/authzn/api/v2/idp/tenants/requests/{requestId}
		Request parameter : requestId
		
		Response Code : 200 OK
		Response body:
		
		{
		"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**
			
			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}
		Request parameter : tenantName
		
		Request body:
		{
		"migratePreludeOAuthClients": true,
		"productsToAssociateWith": [
		{
		"environmentId": "cd6043b4-4848-4f57-90f9-90ab87274185",
		"productId": "vra"
		}
		],
		"vidmCludDto": {
		"email": "frodo@vmware.com",
		"familyName": "Pepsidev56-157",
		"givenName": "Pepsidev56-157",
		"password": "xxxxx",
		"userName": "Pepsidev56-157"
		},
		"vidmDclDTO": {
		"adOverLdapDirectories": [
		{
		"directoryBindPassword": "xxxx",
		"directoryName": "string"
		}
		],
		"adWithIwaDirectories": [
		{
		"directoryBindPassword": "xxxx",
		"directoryName": "string",
		"domainAdminPassword": "xxxx"
		}
		]
		}
		}
		
		Response Code : 200 OK
			migratePreludeOAuthClients: Is an optional field, default value is True
			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.
			vidmCluDto: Is required and are details of the tenand administrator
			vidmDclDTO: Is optional

		Response body:
		{
		  "requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"
		}	

#5 Associate an existing tenant with products	PUT	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/authzn/api/v2/idp/tenants/associate/{tenantName}
		Request parameter : tenantName
		
		Response Code : 200 OK
		Request body:
		
		{
		"migratePreludeOAuthClients": true,
		"productsToAssociateWith": [
		{
		"environmentId": "cd6043b4-4848-4f57-90f9-90ab87274185",
		"productId": "vra"
		}
		],
		"vidmCludDto": {
		"email": "frodo@vmware.com",
		"familyName": "Pepsidev56-157",
		"givenName": "Pepsidev56-157",
		"password": "xxxxx",
		"userName": "Pepsidev56-157"
		},
		"vidmDclDTO": {
		"adOverLdapDirectories": [
		{
		"directoryBindPassword": "xxxx",
		"directoryName": "string"
		}
		],
		"adWithIwaDirectories": [
		{
		"directoryBindPassword": "xxxx",
		"directoryName": "string",
		"domainAdminPassword": "xxxx"
		}
		]
		}
		}
			migratePreludeOAuthClients: Is an optional field, default value is True
			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.
			vidmCluDto: Is required and are details of the tenand administrator
			vidmDclDTO: Is optional

		Response body:
		{
		"requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"
		}	

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	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/admin-password
		Request parameters: environmentId, productId
		Request Body:
		{
		"adminPassword": "locker:password:26005893-319a-4711-93a1-8eea7c3eecd4:CommonPassword",
		"currentAdminPassword": "locker:password:3b4b1c1d-bc20-4ed8-8b3c-d4540663c5fc:ConfigAdminPwdTest"
		}
		
		Response Code : 200 OK
		Response body :
		
		{
		"requestId": "50f71757-732a-46d6-882f-c19fde983dff"
		}
			Password references cannot be updated of VCF enabled environments.

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

Validate an Environment	POST	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments/pre-validate
		Request Body:
		{
		"environmentId": "f2d1ab3d-9629-42d9-905f-5b9f8f56fa27",
		"environmentName": "vRAEnv",
		"environmentHealth": null,
		"logHistory": null,
		"environmentStatus": null,
		"infrastructure": {
		"properties": {
		"dataCenterVmid": "5b3190a6-5e45-4c6f-a4a1-565886a82241",
		"regionName": "",
		"zoneName": "",
		"vCenterName": "vcenter-1",
		"vCenterHost": "vcenter-1.vrack.vsphere.local",
		"vcUsername": "svc-vrslcm-vsphere@vsphere.local",
		"vcPassword": "locker:password:7810326b-f0d0-412c-8c4c-942f2a641a61:vcenter-1-SDDC-Datacenter",
		"acceptEULA": "true",
			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.

		"enableTelemetry": "true", "defaultPassword": "locker:password:7c917e92-04ae-4d03-9f07-6fe3a291b660:vcfadmin@local", "certificate": "locker:certificate:ba002cd1-b262-4e3e-8f57-119e6c6a0242:vrack.vsphere.local", "cluster": "SDDC-Datacenter#SDDC-Cluster1", "storage": "sfo01-m01-vsan", "folderName": "", "resourcePool": "resgroup-30(Mgmt-ResourcePool)", "diskMode": "thin", "network": "Mgmt-xRegion01-VXLAN", "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": "10.0.0.250", "isDhcp": "false", "vcfProperties": "{\"vcfEnabled\":true,\"sd	

dcManagerDetails\":[{\"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\":[\"*Standa

		rd - 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"
		}
		}
		],	

		"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 Code : 200 OK
		Response body :
		
		{	

		"requestId": "c0e25736-48fa-4e1a-8e3e-eed47475212a" }	

Create an Environment	POST	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments
		Request Body:
		{
		"environmentId": "f2d1ab3d-9629-42d9-905f-5b9f8f56fa27",
		"environmentName": "vRAEnv",
		"environmentHealth": null,
		"logHistory": null,
		"environmentStatus": null,
		"infrastructure": {
		"properties": {
		"dataCenterVmid": "5b3190a6-5e45-4c6f-a4a1-565886a82241",
		"regionName": "",
		"zoneName": "",
		"vCenterName": "vcenter-1",
		"vCenterHost": "vcenter-1.vrack.vsphere.local",
		"vcUsername": "svc-vrslcm-vsphere@vsphere.local",
		"vcPassword": "locker:password:7810326b-f0d0-412c-8c4c-942f2a641a61:vcenter-1-SDDC-Datacenter",
		"acceptEULA": "true",
		"enableTelemetry": "true",
			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.

"defaultPassword": "locker:password:7c917e92-04ae-4d03-9f07-6fe3a291b660:vcfadmin@local",
"certificate": "locker:certificate:ba002cd1-b262-4e3e-8f57-119e6c6a0242:vrack.vsphere.local",
"cluster": "SDDC-Datacenter#SDDC-Cluster1",
"storage": "sfo01-m01-vsan",
"folderName": "",
"resourcePool": "resgroup-30(Mgmt-ResourcePool)",
"diskMode": "thin",
"network": "Mgmt-xRegion01-VXLAN",
"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": "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"
		}
		}
		],
		"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/vRealize-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\":[\"Ex	

```
tra
small:1\",\"Medium:8\",\"L
arge:16\",\"small:2\",\"Ex
tra
Large:8:10\"],\"productDep
loymentMetaData\":{\"sizin
gURL\":\"https://kb.vmware
.com/s/article/2093783\",\
"productInfo\":\"vRealize
Operations Manager -
8.3.0\",\"deploymentType\"
:null,\"deploymentItems\":
null,\"additionalInfo\":nu
ll}}],\"nodeCount\":1,\"ha
Enabled\":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\",\"vcUserna
```

		me\":\"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": []
		}
		]
		}
		Response Code : 200 OK
		Response body :
		
		{
		"requestId": "51ea3eae-935e-4c05-8318-54e8e3f43c8b"
		}	

Add Product to an Environment	POST	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments/{environmentId}/products
		Request parameters:
		environmentId
		Request Body:
		{
		"environmentId": "f2d1ab3d-9629-42d9-905f-5b9f8f56fa27",
		"environmentName": "vRAEnv",
		"environmentHealth": null,
		"logHistory": null,
		"environmentStatus": null,
		"infrastructure": {
		"properties": {
		"dataCenterVmid": "5b3190a6-5e45-4c6f-a4a1-565886a82241",
		"regionName": "",
		"zoneName": "",
		"vCenterName": "vcenter-1",
		"vCenterHost": "vcenter-1.vrack.vsphere.local",
		"vcUsername": "svc-vrslcm-vsphere@vsphere.local",
		"vcPassword": "locker:password:7810326b-f0d0-412c-8c4c-942f2a641a61:vcenter-1-SDDC-Datacenter",
			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.

		"acceptEULA": "true", "enableTelemetry": "true", "defaultPassword": "locker:password:7c917e92-04ae-4d03-9f07-6fe3a291b660:vcfadmin@local", "certificate": "locker:certificate:ba002cd1-b262-4e3e-8f57-119e6c6a0242:vrack.vsphere.local", "cluster": "SDDC-Datacenter#SDDC-Cluster1", "storage": "sfo01-m01-vsan", "folderName": "", "resourcePool": "resgroup-30(Mgmt-ResourcePool)", "diskMode": "thin", "network": "Mgmt-xRegion01-VXLAN", "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": "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" }	

		}
		],
		"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/vRealize-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\":nu	

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ll}},{\"version\":\"8.3.0\
",\"deploymentType\":[\"Ex
tra
small:1\",\"Medium:8\",\"L
arge:16\",\"small:2\",\"Ex
tra
Large:8:10\"],\"productDep
loymentMetaData\":{\"sizin
gURL\":\"https://kb.vmware
.com/s/article/2093783\",\
"productInfo\":\"vRealize
Operations Manager -
8.3.0\",\"deploymentType\"
:null,\"deploymentItems\":
null,\"additionalInfo\":nu
ll}}],\"nodeCount\":1,\"ha
Enabled\":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": []
		}
		]
		}
		
		Response Code : 200 OK
		Response body :
		
		{	

		"requestId": "3afa79fc-3ccc-4119-a234-84503a97f08c" }	

Add Node to a Product	POST	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/nodes
		Request parameters: environmentId, productId
		Request Body:
		{
		"environmentId": "globalenvironment",
		"environmentName": "globalenvironment",
		"environmentHealth": null,
		"logHistory": null,
		"environmentStatus": null,
		"infrastructure": {
		"properties": {
		"dataCenterVmid": "c18990f7-e5c0-4eec-9171-6ed4fe2dee81",
		"regionName": "",
		"zoneName": "",
		"vCenterName": "vcenter-1",
		"vCenterHost": "vcenter-1.vrack.vsphere.local",
		"vcUsername": "svc-vrslcm-vsphere@vsphere.local",
		"vcPassword": "locker:password:b980fa59-7df5-46b7-ad58-e9c4ae58b68e:vcenter-1-SDDC-Datacenter",
			When Scaleout is performed of VIDM, the ClusterVIP should have details of Load Balancer.

		"acceptEULA": "true", "enableTelemetry": "true", "defaultPassword": "locker:password:65b71a67-244f-47f5-b9c8-82b335080628:vcfadmin@local", "certificate": "locker:certificate:1396ce03-9163-4e17-87e2-30223ff1b4ac:vrack.vsphere.local", "cluster": "SDDC-Datacenter#SDDC-Cluster1", "storage": "sfo01-m01-vsan", "folderName": "", "resourcePool": "resgroup-30(Mgmt-ResourcePool)", "diskMode": "thin", "network": "Mgmt-xRegion01-VXLAN", "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\":{\"N	

		ode
		Count\":[\"1\",\"3\"]},\"a
		dditionalInfo\":[\"*Standa
		rd - 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",
		"hostName": "wsa-3.vrack.vsphere.local",
		"ip": "192.168.31.25"
		}
		}
		],
		"properties": {	

		"vidmAdminPassword": "locker:password:65b71a67-244f-47f5-b9c8-82b335080628:vcfadmin@local", "syncGroupMembers": false, "nodeSize": "xsmall", "defaultConfigurationEmail": "test@vmware.com", "defaultConfigurationUsername": "confgiadmin", "defaultConfigurationPassword": "locker:password:65b71a67-244f-47f5-b9c8-82b335080628:vcfadmin@local", "defaultTenantAlias": "", "vidmDomainName": "", "certificate": "locker:certificate:1396ce03-9163-4e17-87e2-30223ff1b4ac:vrack.vsphere.local", "contentLibraryItemId": "086a566f-85ca-4110-87b6-e4ce81856f6c" } }] }	

		Response Code : 200 OK
		Response body :
		
		{
		"requestId": "707e99f8-baa1-400f-8335-6cc616fbc9a4"
		}	

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	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/locker/api/security/fips
		Request Body for enabling FIPS mode:
		{
		"enabled": true,
		"state": "ENABLED",
		"description": "",
		"request": null
		}
		
		Response Code : 200 OK
		Response body :
		
		{
		"enabled": false,
		"state": "CHANGING",
		"description": "Enabling FIPS mode for vRealize Suite Lifecycle Manager appliance and services.",
		"request": {
		"requestId": "23dfe7d7-1413-4ce3-b277-b0eba2adba9b"
		}
		}	

Disable FIPS mode	POST	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/locker/api/security/fips
		Request Body for disabling FIPS mode:
		{
		"enabled": false,
		"state": "DISABLED",
		"description": "",
		"request": null
		}
		
		Response Code : 200 OK
		Response body :
		
		{
		"enabled": true,
		"state": "CHANGING",
		"description": "Disabling FIPS mode for vRealize Suite Lifecycle Manager appliance and services.",
		"request": {
		"requestId": "5e239981-15d6-4e00-859d-2f0645a856f3"
		}
		}	

Get FIPS status	GET	The linked image cannot be displayed. The file may have been moved, renamed, o... /lcm/locker/api/security/fips
		Response Code : 200 OK
		Response body :
		
		{
		"enabled": false,
		"state": "DISABLED",
		"description": "FIPS mode is disabled for vRealize Suite Lifecycle Manager appliance and services.",
		"request": null
		}	

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 v8.3 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	The linked image cannot be displayed. The file may have been moved, renamed, o...
		/lcm/lcops/api/v2/environments/{environmentId}/products/{productId}/fips
		Request parameters:
		environmentId, productId
		Request Body for enabling FIPS mode:
		{
		"fipsMode": "\"true\""
		}
		
		Request Body for disabling FIPS mode:
		{
		"fipsMode": "\"false\""
		}
		
		Response Code : 200 OK
		Response body :
		
		{
		"requestId": "a0d8d8cd-ac87-4b5c-ba8b-7a0173c56b55"
		}
			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.