

Log Insight Partner Program

April 29, 2014

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Agenda

- Introduction: 10 mins
- Log Insight + 2.0 Features: 10 mins
- Log Insight 2.0 Demo: 10 mins
- New LI Partner Program: 10 mins
- Call to Action: 10 mins
- Q&A



Log Insight + 2.0 features



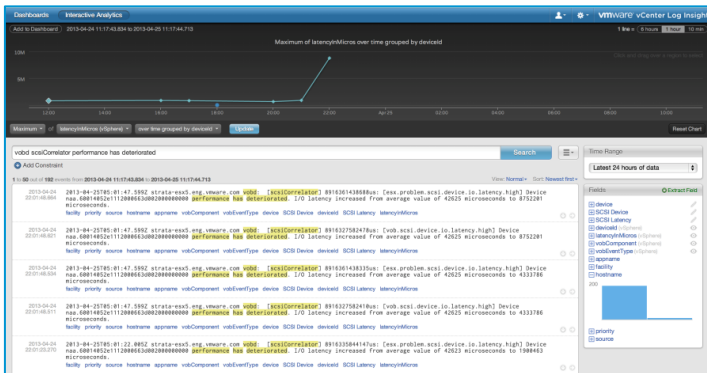
vCenter Log Insight 2.0 Overview

Analyze
Discover
Search
Visualize



IT Operations
Security
Compliance

VMware vCenter Log Insight



Delivers the best real-time log management for VMware environments, across physical, virtual, and cloud environments.



Overview

Intelligent Operations

- Predictive analytics/Intelligent Grouping for faster problem resolution
- Faster analytical queries than the leading solution¹
- Improved analytical visualizations

Built with vSphere in Mind

- Powerful Log Management for VMware Products
- Support for VMware products incl. NSX, vCAC, Horizon View
- Built in 2 way alerting with vC Ops

Unified Management

- Open and extensible platform/marketplace for content packs

What's New

New!

- **Elastic Scale** – up to 6 node clusters
- **Predictive Analytics** – Machine Learning based Intelligent Grouping
- **Better visualization** – New Analytic Visualizations
- **Integration with vC Ops** 2-way alert visualization
- **Built by VMware Experts** – vSphere analytics built in
- **Predictable Pricing** No surprises on storage costs
- **Improved Query Performance** – Up to 6X faster than leading solution
- **Improved Data Collection** – 30% improvement on ingestion



Why Log Insight?

- The Basics
 - Centralized log management for your entire stack
 - Search & analyze log data for real-time troubleshooting
 - Anyone in the organization can access log data without compromising production systems
- Best for VMware by VMware
 - Optimized for vSphere logs, vSphere analytics are built in
 - Automatic ESXi configuration for collection
 - Integration with vCenter Operations
- Very easy to deploy, intuitive to use
- Simple & predictable pricing model



Primary Use Cases

- **Troubleshooting and Root Cause Analysis**

- Follow the trail from vCOps to logs to get to root cause to an observed problem
- I observed a problem (e.g. slowness), try to troubleshoot the problem and identify the part of the stack that is responsible (e.g. network delay vs storage)
- *Identify the needle in the haystack in real time when troubleshooting a problem*

- **Monitoring**

- Monitor metrics and events (performance & change) that are visible only in logs
- Escalate alerts to on-call staff or via vCOps
- *Identify problems proactively, ensure SLAs and comply to IT policies*

- **Unstructured Data Warehouse**

- Collect all the data in one place without the need for custom parsing, transformation of data
- *Get full visibility across all your IT environment from a single place*



What's New in Log Insight 2.0 Beta

Highlights

- Scale-Out with High Availability
 - Cluster deployments up to 6 nodes
 - Managed by an external load balancer
- Proactive Analytics
 - Significantly reduces manual effort required by the user
 - Automated data summarization
 - Logs are clustered by event type, so rare messages can be easily spotted
 - Intelligent schema detection adds structure to unstructured data
 - Smart fields to aid in extraction



What's New in Log Insight 2.0 Beta (cont'd)

Highlights

- Dashboard Enhancements Greatly Improve Effectiveness as Debugging Tools
 - Dashboard Filters
 - Can now apply a filter to all charts on a dashboard page
 - Speeds up investigation of individual entities (hosts) or groups (clusters)
 - Dashboard Linking
 - Hyperlink from a value in one chart to a dashboard constraint in another
 - Log Insight automatically discovers appropriate links
 - Both Features Will Significantly Increase Content Pack Capabilities
 - Richer workflows



What's New in Log Insight 2.0 Beta (cont'd)

Highlights

- RESTful API for Log Ingestion
 - Collection Framework API, or CFAPI
- Windows Collection Agent
 - Forwards Windows Event logs
 - Monitors & forwards flat log files
 - Centralized reporting & management
- Lots of smaller improvements in 2.0 Beta
 - Don't have time to cover in this talk
- More features coming in 2.0GA
 - Including a a LOT of UI & charting enhancements!



Log Insight Technical Overview

Analyze

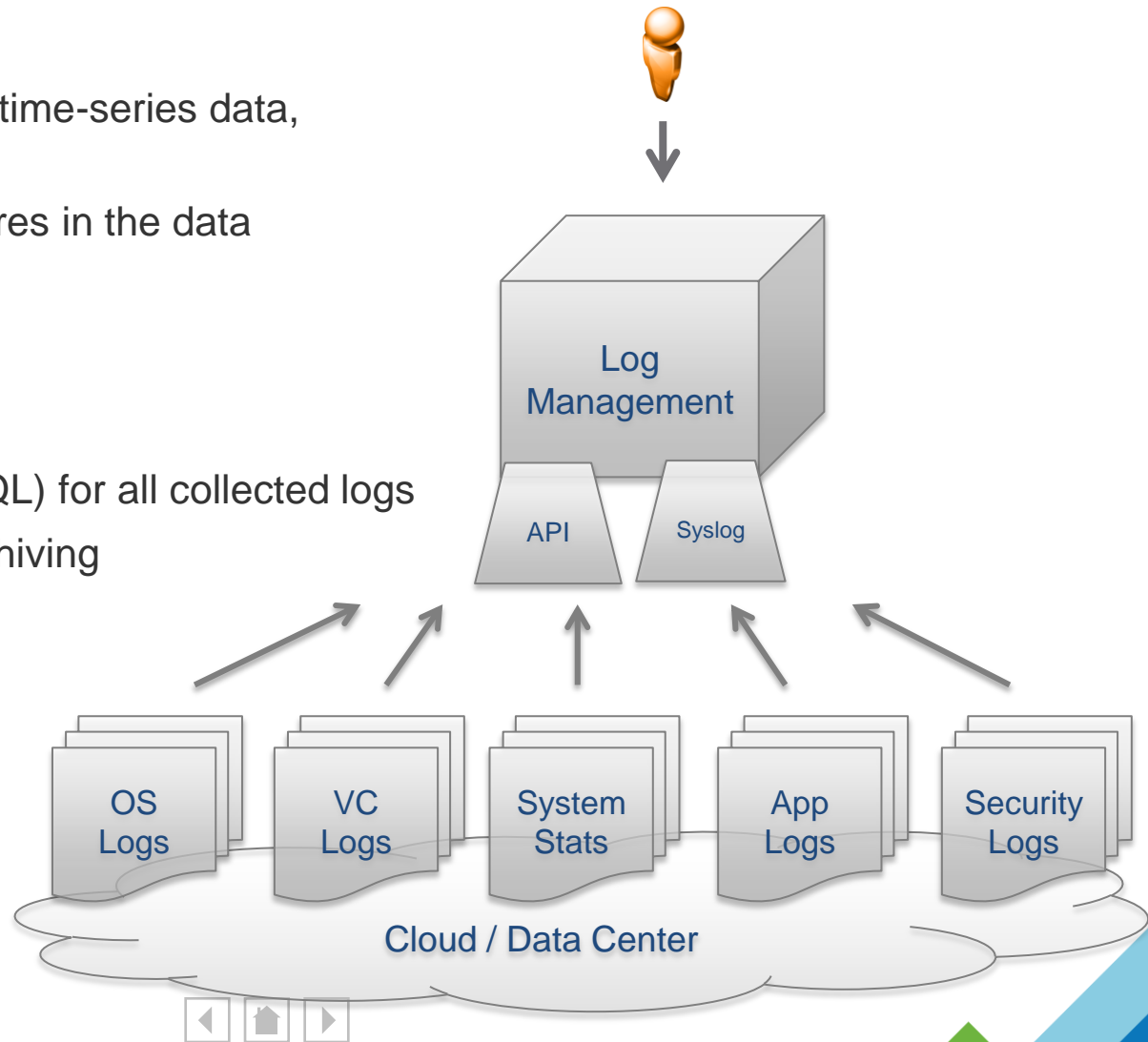
- Can analyze any unstructured time-series data, configuration etc.
- Automatically identifies structures in the data
- No need for ETL or databases

Scale

- Central, scale-out store (no-SQL) for all collected logs
- Configurable retention and archiving
- Maintenance free

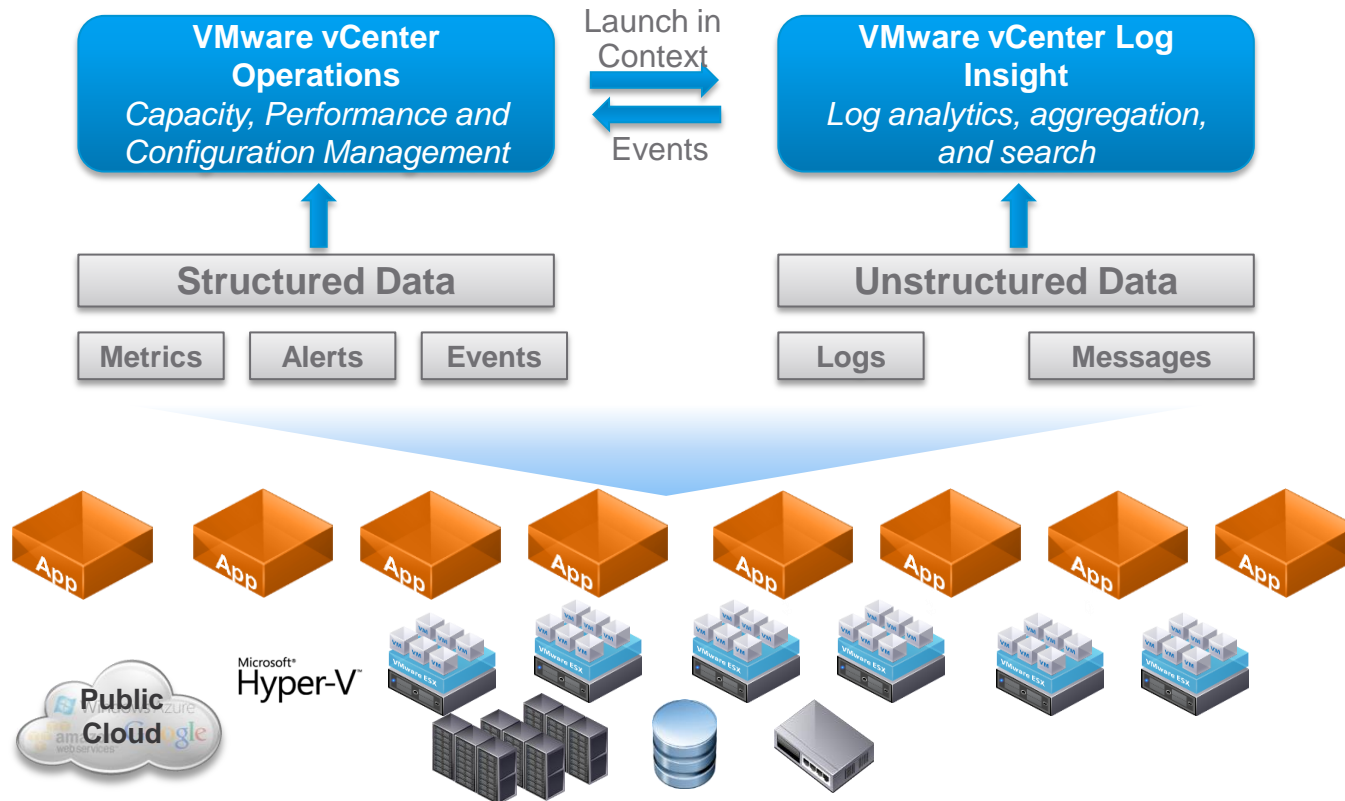
Best for vSphere

- Queries, alerts, fields, charts in the vSphere Content Pack



vCenter Operations and Log Insight

Leverage all your IT data for comprehensive visibility in one place

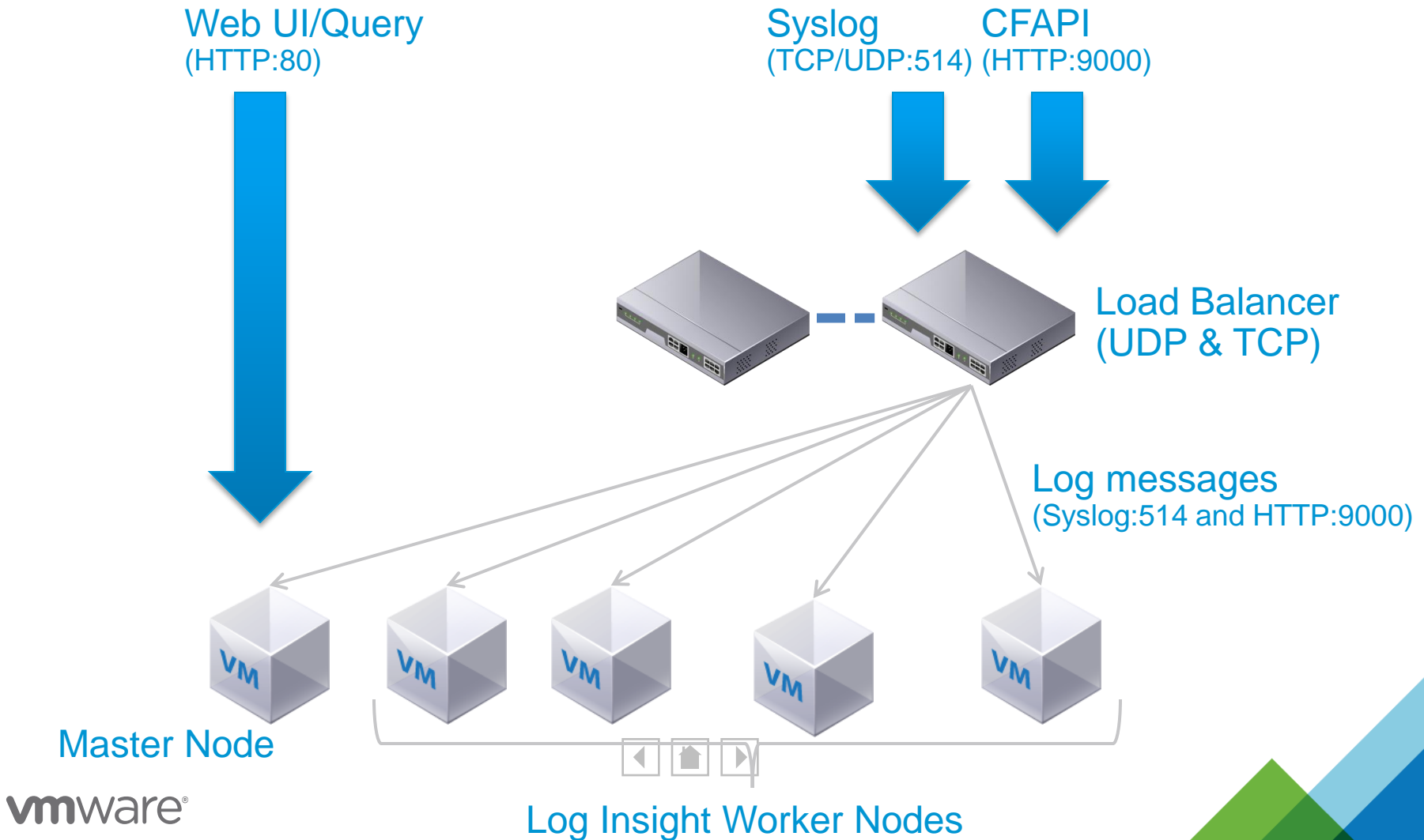


- **Intelligent operations** through predictive analytics across all machine data
- **Policy-based automation** enables proactive management and automated remediation
- **Unified management** for comprehensive visibility in one place, from vSphere to Hyper-V, AWS and physical infrastructure



Scale-out Architecture

With Ingestion High Availability



Log Insight 2.0 Demo



Log Insight Partner Program



vCenter Log Insight 2.0 Program

- EASE program targeted to roll out in May to coincide with Log Insight 2.0 GA
- TAP membership required
- No VMware program fees
- Formal legal onboarding with Log Insight 2.0 Program Guide



LI 2.0 Program Structure

- Development materials still to be hosted publicly on VMware Developer Center
- Use of VMware Developer Center Partner Network (DCPN) for development questions
- Validation results review by VMware Management Business Unit (MBU)
- Ability to post on VMware Solution Exchange (VSX)
- VMware Global Support Services (GSS) for end-user assistance



Developer Center Resources

Key Benefits

- Creating Content Packs is as simple as using vCenter™ Log Insight™
- vCenter™ Log Insight™ users can create a content pack for private or public consumption
- Distribute to your users to improve their experience
- Avoid help desk calls by including solutions and links to online help
- VMware partners can list their Content Packs on [Solution Exchange](#) and on our [YouTube channel](#)

Download

Name	Version	Size	MD5	
Log Insight Content Pack Publisher	1.6	12.0 MB	7bbfd3a08a100098ce2be8f16fbc614a	Download

Documentation & Reference

Name	Size
Reference Guides	
Creating Content Packs in vCenter Log Insight 1.5	5.7 MB
Training Videos	
Designing and Building Log Insight Content Packs	29.8 MB



Next Steps

- Contact Kenji Kojima, LI Program Manager
 - kkojima@vmware.com
- When program is ready, partners can start onboarding process
- Automated onboarding process will be accessible via Developer Center



Call to Action:

Join the 2.0 program

1.5 content should be upgraded to 2.0

