

# VMWARE vREALIZE LOG INSIGHT

## Intelligent Log Management for Infrastructure and Applications

### AT A GLANCE

VMware vRealize® Log Insight™ delivers heterogeneous and highly scalable log management with intuitive, actionable dashboards, sophisticated analytics and broad third-party extensibility, providing deep operational visibility and faster troubleshooting.

### KEY BENEFITS

- **Rapid troubleshooting and root cause analysis**, within seconds. In recent internal testing, Log Insight was found to be three times faster than leading solution in query test across terabytes of data.
- **Intuitive and easy-to-use**, graphical interface for simple interactive searches as well as deep analytical queries.
- **Extensible across physical, virtual, and cloud environments**, enables administrators to connect to everything in their environment (e.g., OS, apps, storage, network devices), a single location to collect, store, and analyze logs at scale.
- **Built-in knowledge and native support for VMware vSphere®**, making Log Insight the best solution for VMware environments.

### BUSINESS BENEFITS

- **Predictable pricing model** that includes an unlimited amount of data and does not require buying licenses based on peak usage and worst-case scenarios.
- **Lower operating expenses** and higher operational efficiency, from significant reduction in troubleshooting times, improved mean-time-to-resolution, reduced manual effort, and automated alerts to prevent outages and downtime.
- **ROI and value maximization**, by using Log Insight with vRealize Operations™, bringing together best-of-breed tools for comprehensive operations management.

### Business Challenges

The scale of machine-generated data is increasing exponentially as enterprises span out infrastructure and applications deployments across physical, virtual, and cloud environments. But at the same time, because of the data volume and distribution, it's become overly complicated to make any sense of it. Log Insight provides the ability to make sense of all the log data. Log Insight solves all these issues by utilizing its predictive analytics, machine learning, and root cause analysis tools across physical, virtual, and multi-cloud environments for faster problem resolution.

### Problems with Traditional Log Management Tools

Traditional log management tools are not suitable for a dynamic virtualized or hybrid cloud environment because

- Traditional tools do not leverage logs and other machine data strategically, to generate insights and troubleshoot IT infrastructure issues, since machine-generated log data is massive in scale and difficult to capture and manage.
- Siloed approaches to virtual and physical infrastructure management lead to finger pointing and fire drills.
- Other solutions may need additional piecemeal software in order to work with vSphere, and may not always support the latest version.

### Solution Overview

VMware vRealize Log Insight addresses these challenges and enables improved quality of service, operational efficiency, and faster root cause analysis.

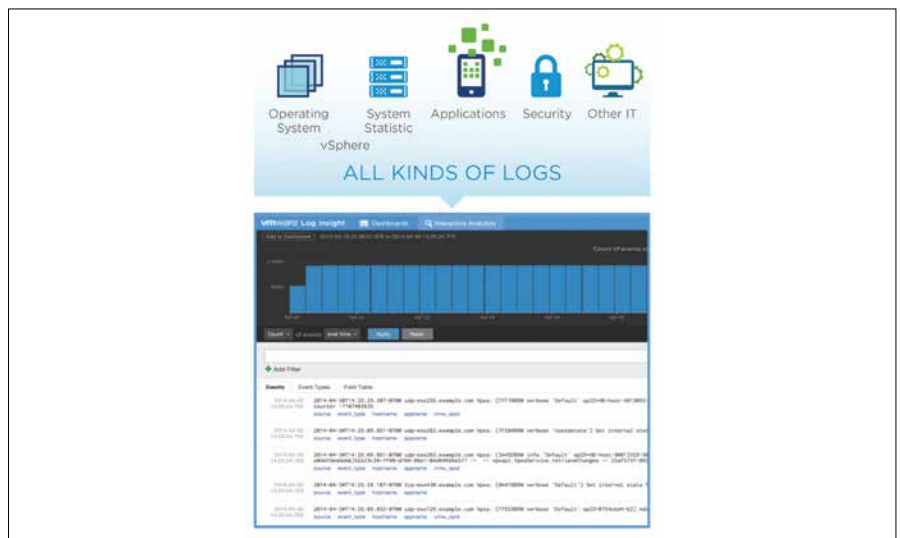


Figure 1: Log Insight provides a single location to collect, store, and analyze unstructured data from OS, apps, storage, network devices, and more at scale.

**LOG INSIGHT INCLUDES THE FOLLOWING KEY CAPABILITIES**

- Integrates with VMware vRealize Operations to bring unstructured and structured data together, for enhanced end-to-end operations management.
- VMware and third-party extensions available on VMware Solution Exchange.
- Built-in knowledge of vSphere and other VMware products, like VMware Horizon® with View, vRealize Operations and vRealize Automation™.
- Collects and analyzes all types of machine-generated log data; for example, application logs, network traces, configuration files, messages, performance data, system state dumps, and more.
- Highly scalable, designed to handle Big Data.
- Automatically chooses the best visualization for your data, saving you time.
- Automated alerts to pinpoint and track potential issues before they arise.
- Adds structure to unstructured log data, enabling administrators to troubleshoot quickly, without needing to know the data beforehand.
- Delivers real-time monitoring, search, and log analytics, coupled with a dashboard for stored queries, reports, and alerts, enabling correlation of events across the IT environment.
- Provides machine learning-based Intelligent Grouping, which groups related data together to enable high performance searching for faster troubleshooting across physical, virtual, and cloud environments.

**FIND OUT MORE**

For more information on vRealize Log Insight, see <http://www.vmware.com/products/vrealize-log-insight/>. For more information or to purchase VMware products, call 1-877-VMWARE (outside North America, dial +1-650-427-5000), visit <http://www.vmware.com/products>, or search online for an authorized reseller.

vREALIZE LOG INSIGHT		
Key Features and Capabilities		
VMware vRealize Log Insight Editions	vRealize Log Insight for NSX* (**)	Full VMware vRealize Log Insight
Included in a VMware suite	1 CPU of NSX = 1 CPU of limited vRealize Log Insight for NSX	Standalone vRealize Log Insight, vRealize 7 and above, vCloud Suite® 7 and above
Platform		
Dashboards	•	•
Custom Dashboards	•	•
Interactive Analytics	•	•
vSphere Integration (Collect from vCenter®, ESXi™)	•	•
vRealize Operations Integration	•	•
Alerting	•	•
Machine Learning/Analytics	•	•
Active Directory Integration	•	•
Agents	•	•
Role-Based Access Control	•	•
Query API	•	•
Customer Experience Improvement Consent	•	•
Advanced Features		
Clustering	•	•
High Availability	•	•
Event Forwarding	•	•
Archiving	•	•
Content Packs		
Content Pack Marketplace	•	•
VMware Content Packs	•	•
Import Custom Content Packs	•	•
Third-Party Content Packs	•	•

\* Full Log Insight but EULA enforced to ONLY vSphere and NSX events. Log Insight license is only good for the vSphere and NSX-V Content Packs.

Third-Party Content Packs - For a complete list of third-party Content Packs and extensions, please visit <https://solutionexchange.vmware.com/store>.

