

# 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, vRealize Log Insight was three times faster than the leading solution in query tests 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, enabling admins to connect to everything in their environment (e.g., OS, apps, storage, network devices) and providing a single location to collect, store and analyze logs at scale
- Built-in knowledge and native support for vSphere makes vRealize 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 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. vRealize Log Insight provides the ability to make sense of all the log data. It solves all these issues by utilizing 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 because 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 to work with VMware vSphere®, and may not always support the latest version

**KEY CAPABILITIES**

- Integrates with vRealize Operations to bring unstructured and structured data together for enhanced end-to-end operations management
- Integrates with VMware and third-party extensions available on the VMware Solution Exchange
- Provides built-in knowledge of vSphere and other VMware products, such as vSphere, NSX, vSAN™, vRealize Operations, vRealize Automation™ and VMware Horizon® View™
- Collects and analyzes all types of machine-generated log data (e.g., application logs, network traces, configuration files, messages, performance data and system state dumps)
- Is highly scalable, designed to handle big data
- Automatically chooses the best visualization for your data, saving you time
- Pinpoints and tracks potential issues before they arise via automated alerts
- 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
- Allows customizable data retention, helping users improve compliance with license agreements and internal security policies, and avoiding unnecessary storage consumption

**Solution overview**

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

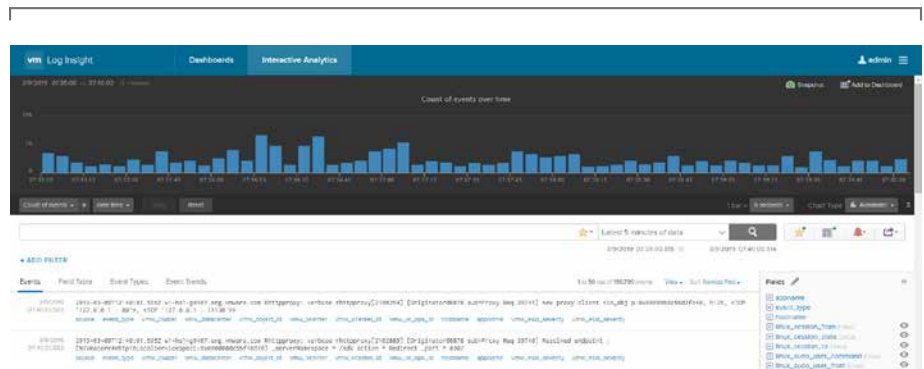
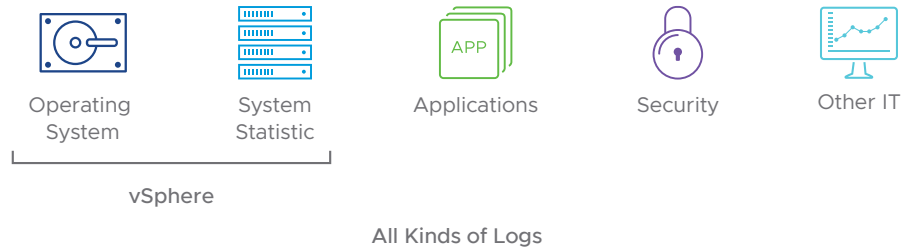


FIGURE 1: vRealize Log Insight provides a single location to collect, store and analyze unstructured data from OS, apps, storage, network devices and more at scale.

vREALIZE LOG INSIGHT KEY FEATURES AND CAPABILITIES		
VMWARE vREALIZE LOG INSIGHT EDITIONS	vREALIZE LOG INSIGHT FOR NSX® <sup>1</sup>	FULL VMWARE vREALIZE LOG INSIGHT
Included with a VMware suite	1 CPU of NSX = 1 CPU of limited vRealize Log Insight for NSX	Standalone vRealize Log Insight; vRealize Suite; vCloud Suite®; VMware Cloud Foundation™ Starter, Advanced and Enterprise
PLATFORM		
Dashboards	•	•
Custom Dashboards	•	•
Interactive Analytics	•	•
vSphere Integration (Collect from vCenter®, ESXi™)	•	•
vRealize Operations Integration	•	•
Kubernetes Log Collection, Querying and Analytics		•
Alerting	•	•

**FOR MORE INFORMATION OR TO PURCHASE VMWARE PRODUCTS**

Call 877-4-VMWARE (outside North America, +1-650-427-5000), visit [vmware.com/products](http://vmware.com/products), or search online for an authorized reseller. For more information on vRealize Log Insight, see [vmware.com/products/vrealize-log-insight](http://vmware.com/products/vrealize-log-insight). For a complete list of third-party Content Packs and extensions, please visit [marketplace.vmware.com/vsx/content/loginsight](http://marketplace.vmware.com/vsx/content/loginsight).

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PLATFORM		
Machine Learning/Analytics	•	•
Active Directory Integration	•	•
Role-Based Access Control	•	•
Query API	•	•
Customer Experience Improvement Consent	•	•
Agents		•
ADVANCED FEATURES		
Clustering	•	•
High Availability	•	•
Event Forwarding	•	•
Archiving	•	•
Customizable Data Retention	•	•
CONTENT PACKS		
Content Pack Marketplace	•	•
VMware Content Packs	•	•
Import Custom Content Packs		•
Third-Party Content Packs		•

1. Full vRealize Log Insight but EULA enforced to only vSphere and NSX events. vRealize Log Insight license is only good for the vSphere and NSX Content Packs.

