VMware vRealize Log Insight
Automated Log Management for Hybrid Cloud Environments

AT A GLANCE

VMware vRealize™ Log Insight™ delivers real-time log management for VMware environments, with machine learning-based Intelligent Grouping, high-performance search, and better troubleshooting across physical, virtual, and cloud environments.

With an integrated cloud operations management approach, it provides the operational intelligence and enterprise-wide visibility needed to proactively enable service levels and operational efficiency in dynamic hybrid cloud environments.

KEY BENEFITS

- **More than six times faster than the leading solution.** In recent internal testing, Log Insight was found to be **six times faster** than the leading solution in query tests across 100 Million log messages.
- **Intuitive, easy-to-use,** graphical interface for simple interactive searches as well as deep analytical queries providing quick insights, enabling fast time to value and improved operational efficiency.
- **Built-in knowledge and native support for VMware vSphere®,** making vRealize Log Insight the solution best suited for your VMware environment.

vRealize Log Insight analyzes all types of machine generated log data, and offers an intuitive, easy-to-use interface.

Business Challenges

IT organizations are constantly focused on ensuring service levels of the infrastructure and applications in a dynamic environment However, silo approaches to virtual and physical infrastructure management lead to fire drills and finger pointing when issues arise.

Moreover, machine-generated log data is massive in scale and difficult to capture and manage. Therefore, traditional tools do not make strategic use of logs and other machine data to generate insights and troubleshoot IT infrastructure issues.

Operational efficiency is negatively impacted and costs increase, as scale overwhelms people and processes- with traditional tools and problem-solving methods taking a long time to identify sources of issues.

Compliance with IT policies, security and regulatory requirements becomes a challenge without the right tools, making preparing for and responding to an audit a time consuming affair.

Problems with Traditional Log Management Tools

Traditional log management tools are not suitable for a dynamic 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. Silo approaches to virtual and physical infrastructure management lead to finger pointing and fire drills.
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- 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 continuous compliance.

Log Insight includes the following key capabilities

- Collects and analyzes all types of machine-generated log data, e.g., application logs, network traces, configuration files, messages, performance data, system state dumps, and more.
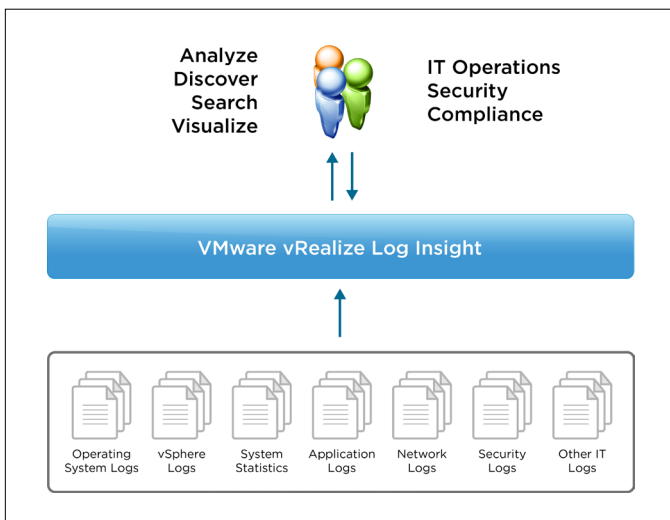
vmware®

- Enables administrators to connect to everything in their environment, e.g., operating systems, applications, storage arrays, firewalls, network devices, etc., providing a single location to collect, store, and analyze logs at scale.

- Features an intuitive GUI-based interface that makes it easy to run interactive searches as well as deep analytical queries for quick, actionable insights.

- Includes new cluster technology to allow your log analytics efforts to scale to new heights.

- Automatically chooses the best visualization for your data, saving you valuable time.

- Adds structure to all types of 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 multiple tiers of a hybrid cloud environment.

- Helps users find virtual infrastructure problems with the addition of Intelligent Grouping, a machine-learning technology that can group related data together to aid in detecting problems rapidly.

- Comes with built-in knowledge and native support for vSphere and other VMware products, like Horizon® with View, vRealize™ Operations Suite™ and vRealize Automation.

- VMware and third-party extensions available on the VMware solution exchange.

- Integrates with the VMware vRealize Operations platform to bring unstructured data (e.g., log files) together with structured data (e.g., metrics and KPis), offering a significantly enhanced solution for end-to-end operations management.

Business Benefits

IT organizations using vRealize Log Insight can benefit from

- Faster time-to-value, enabled by a powerful, intuitive, easy-to use interface.

- Lower operating expenses and higher operational efficiency, gained from significant reduction in troubleshooting times, improved mean-time-to-resolution, and reduced manual effort.

- Predictable pricing model that includes unlimited amount of data and does not require buying licenses based on peak-usage and worst-case scenarios.

- ROI and value maximization, achieved by using Log Insight with vRealize Operations, enabling you to leverage best-of-breed tools for a significantly enhanced operations management experience.
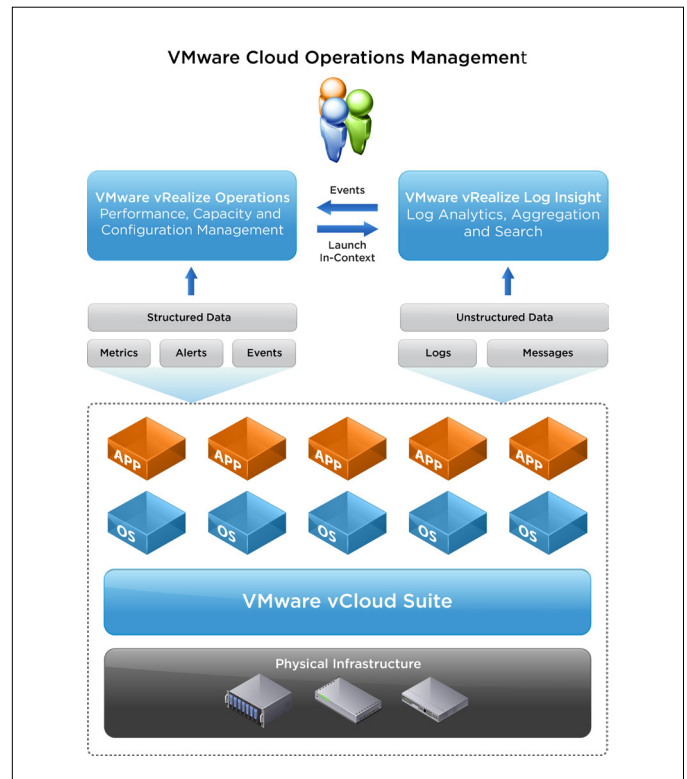
Together, vRealize Log Insight and vRealize Operations offer a complete cloud operations management solution.

The Following Features Are New in Version 2.5:

- Role Based Access Control
- Internationalization/Localization (all standard languages)
- Inventory Data Integration with vRealize Suite
- Extension of Universal Collection Framework for Linux
- Internal Load Balancer for Scale Out
- Hosts Overview Administration
- Real-time Dashboard Presentation Mode

Find Out More

For more information on Log Insight, see http://bit.ly/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. For detailed product specifications and system requirements, refer to the VMware vRealize Log Insight documentation.