

Unified Log Visibility, Designed for DevOps

Learn how VMware vRealize Log Insight
Cloud helps DevOps ensure a smooth
CI/CD process

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Log Management at the Speed
of DevOps >

Now's the Time for a Better Log
Management Solution >

Log Management Designed
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Log Management at the Speed of DevOps




For DevOps teams tasked with ensuring application performance and availability, logs contain valuable data that can improve strategic decision-making, enable real-time troubleshooting, tighten security ... the bevy of benefits goes on and on.

However, the scale and volume of machine-generated data that DevOps teams must contend with is growing exponentially—and showing no signs of slowing down. Making sense of it can be an overwhelming task. As more organizations double down on distributing infrastructure and applications across physical, virtual and multi-cloud environments, DevOps must figure out how to monitor thousands of objects, mine the thousands or even millions of logs that each object generates, and be ready to respond to any application or system failures in real-time.

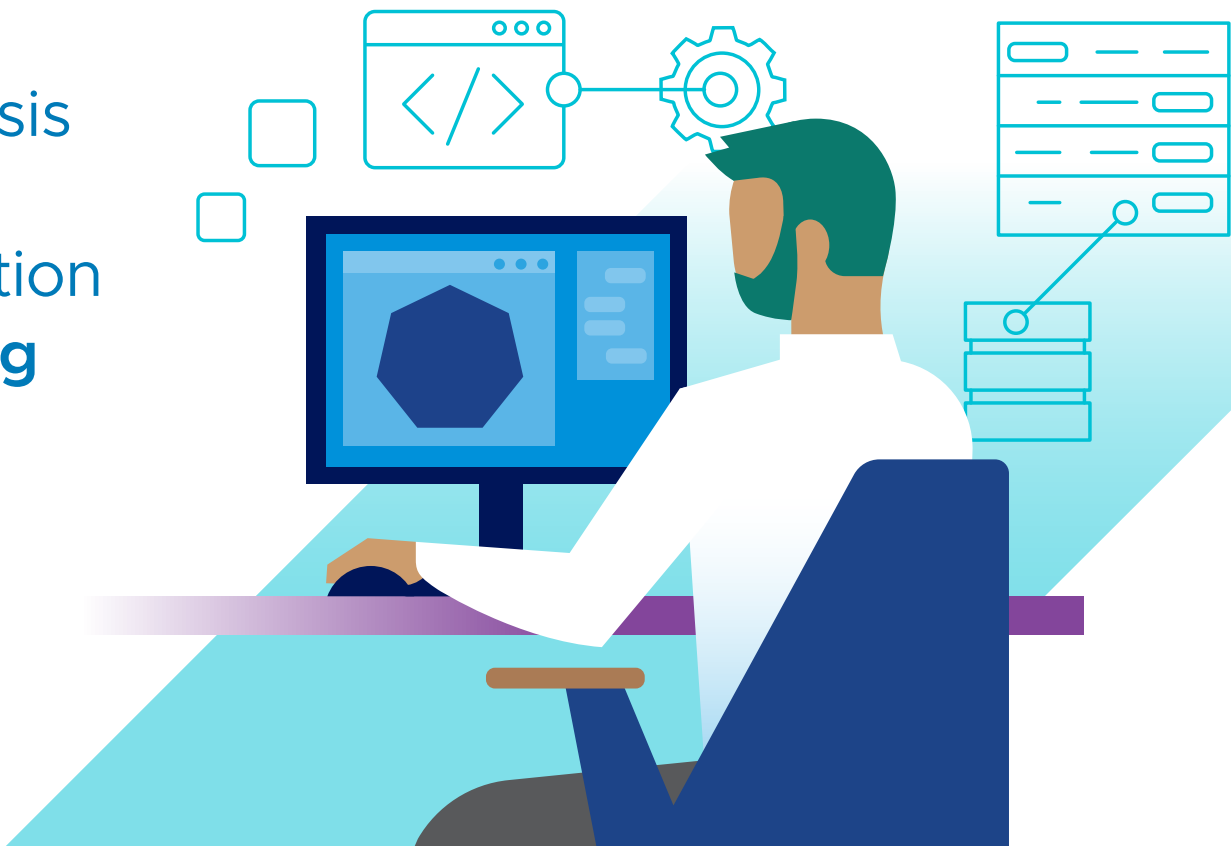
Disrupting legacy methods of application development and enabling continuous integration and delivery (CI/CD) demands next-level visibility into interconnected stacks across native public clouds—and a way to visualize that information in real time.

VMware vRealize® Log Insight™ Cloud brings structure to unstructured data by delivering heterogeneous and highly scalable log management across physical, virtual and multi-cloud—across both infrastructure and applications.

It provides out-of-the-box public cloud content with native and custom dashboards for visualizing data at scale with actionable insight, so that DevOps can

-  Detect bugs through log data and events in real time.
-  Monitor, debug, and pinpoint where applications and codebase are failing through trends and patterns.
-  Identify root cause issues, poor performance, and run-time errors in production code.

Debug application issues with fast root cause analysis before releasing builds to production with **vRealize Log Insight Cloud**.



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Now's the Time for a Better Log Management Solution

The changing technology landscape has increased the need for log management across distributed systems and modern applications in the public cloud. Deploying applications across containers and virtual machines—and developing services at scale—has increased the need for organizations to ingest, forward, monitor, and trace data points across systems and across cloud native multi-cloud environments.

All too often, enterprise DevOps must juggle a plethora of specialized tools for applications, network, performance, infrastructure and native clouds to correlate data flows and get full visibility into code and third-party services. They know that ensuring infrastructure uptime and meeting application SLAs requires the ability to find patterns in the metrics to baseline performance standards. And while most DevOps professionals *want* to leverage end-user feedback and analytics in their efforts to maximize the digital experience, many struggle to do so.



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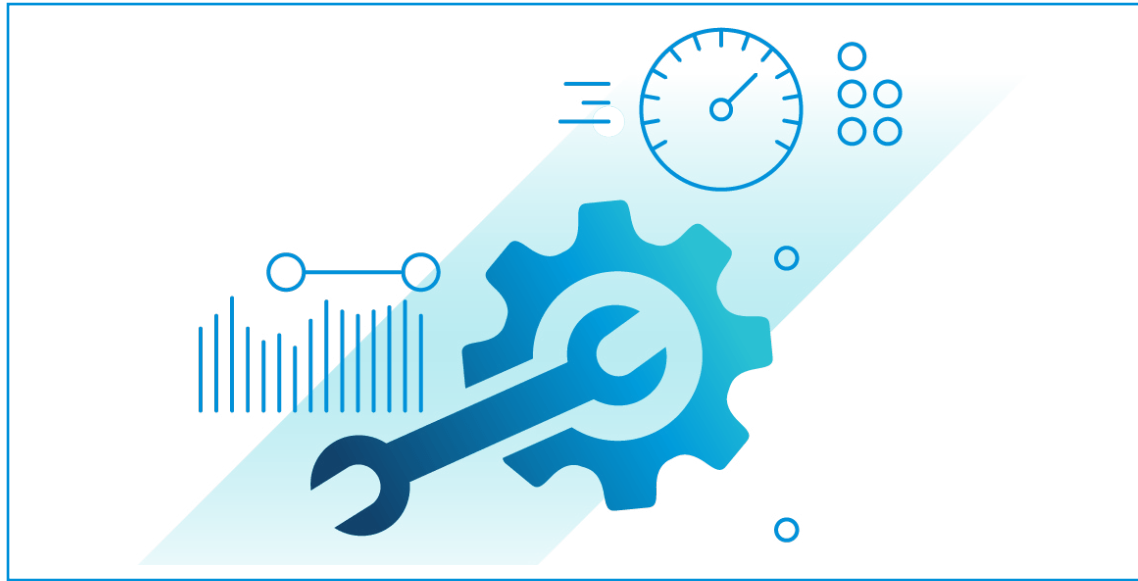
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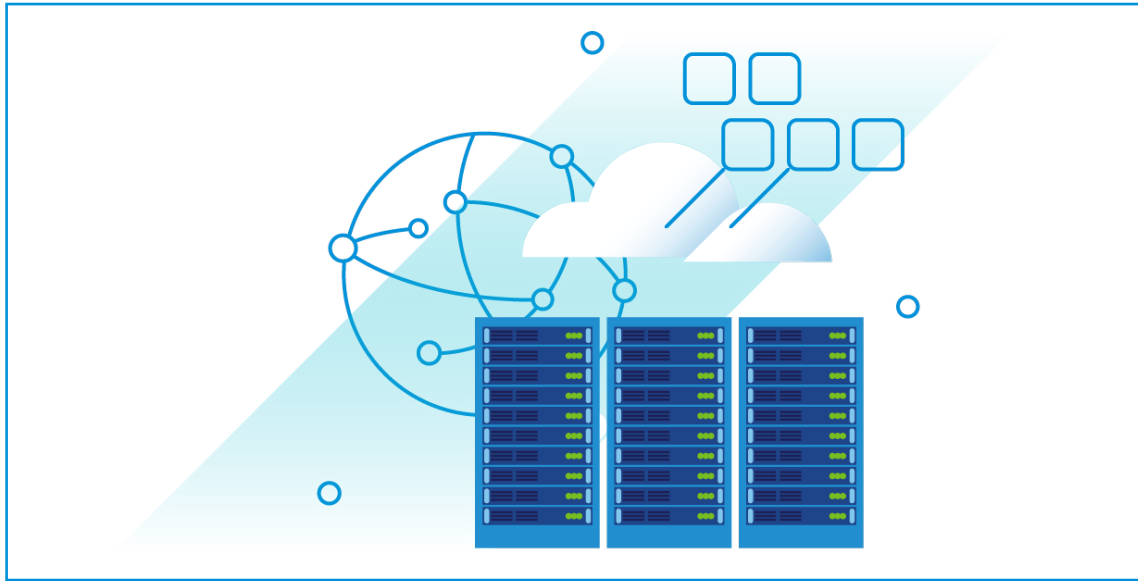
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Even more pressing is the reality that failure happens often in development environments, and it simply takes far too long to dig through logs to find and fix problems. In order to be successful, DevOps teams need the ability to



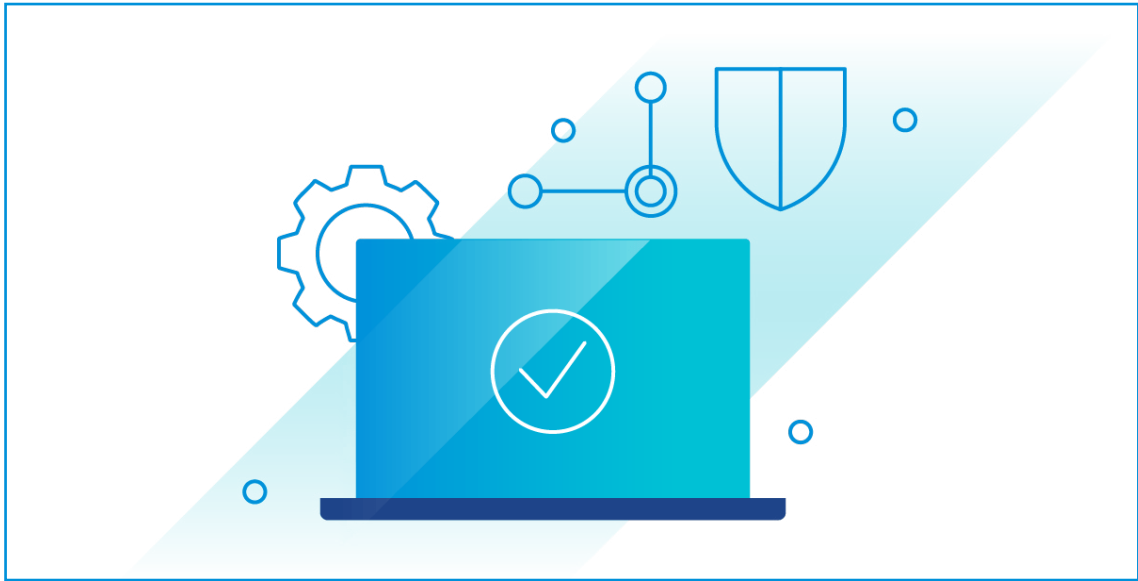
Troubleshoot problems faster

Many DevOps teams are reliant on third-party vendor analysis for root cause and impact assessments, and depending on the level of support services, this can take hours or even days.



Store data at scale

Organizations need a more economical and easier way to store all their logs. Many solutions on the market today present challenges when it comes to managing logs, firmware updates and hardware refreshes. They come with capacity limitations, or charge per GB of data ingested. Some filter and leave out logs, while others ingest everything that is needed for complete log observability.



Ensure compliance

Meeting audit and compliance mandates across multiple infrastructure layers, application components, user activity, time-stamping and privileged system access, presents significant challenges for even the most sophisticated DevOps teams as data regulations may require log data to be stored up to seven years.

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Log Management Designed with DevOps in Mind

Handling large amounts of log data is highly complex. Correlating, visualizing, and finding meaning from the log data of interest is even more so. VMware vRealize Log Insight Cloud empowers developers with deep operational visibility and intelligent analytics across the DevOps lifecycle and CI/CD pipelines to monitor and debug applications before releasing to production.

With actionable insight and intelligent querying capabilities into modern data centers and native public clouds, vRealize Log Insight Cloud gives DevOps teams the end-to-end visibility and centralized log management they need to make data-driven decisions and troubleshoot faster when issues are detected.

VMware vRealize Log Insight Cloud
connections:

Public clouds



Infrastructure hosted on VMware Cloud



Open-source frameworks and DevOps tools



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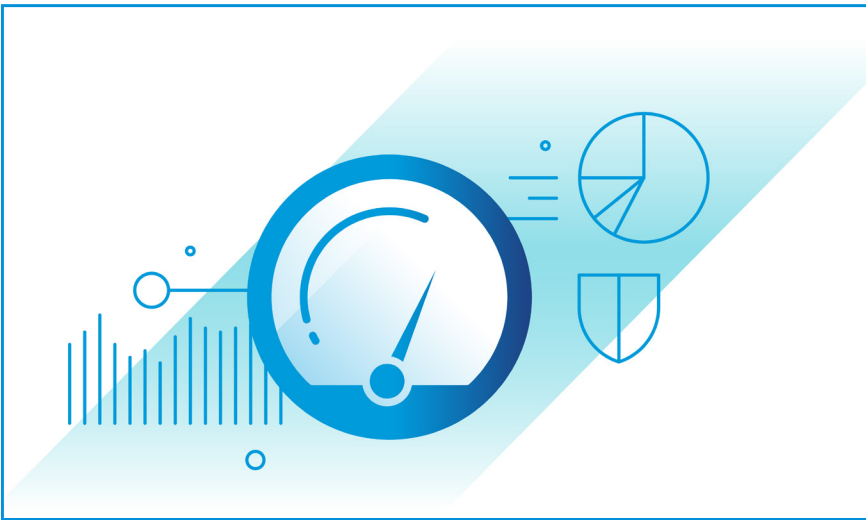
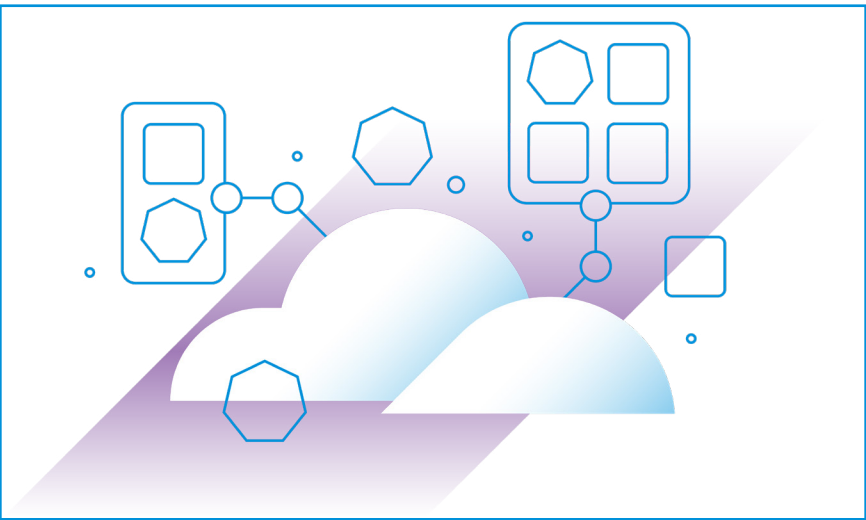
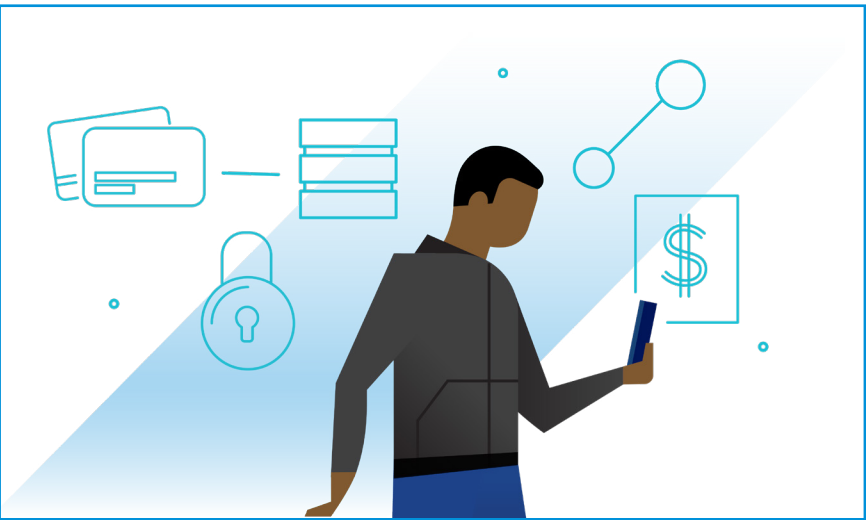
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Unlike traditional log management tools, vRealize Log Insight Cloud provides actionable dashboards and sophisticated analytics with extensive benefits such as



Log partitions

Unlimited log capacity with flexible pricing and optimal performance to meet data retention, manageability, scale and security requirements.

Hybrid and multi-cloud management

Ability to collect logs from anywhere, store all logs in a centralized location, and easily search in a single pane of glass.

Reduced downtime

Fast time-to-value with universal log collection through VMware SDDC integrations such as VMware NSX-T Data Center™ firewall logs, VMware Cloud on AWS, VMware vSphere®, and an extensive list of third-party technologies.

Root cause analysis

Automated approach to detect and surface relevant logs in the form of log clusters with sophisticated algorithms that show only significant logs as potential root cause.

Experience the best for VMware Cloud and public cloud logs with

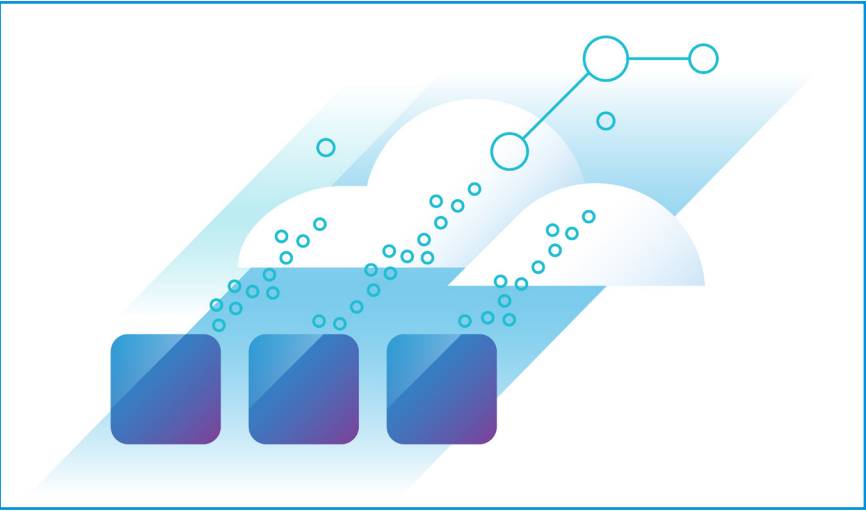
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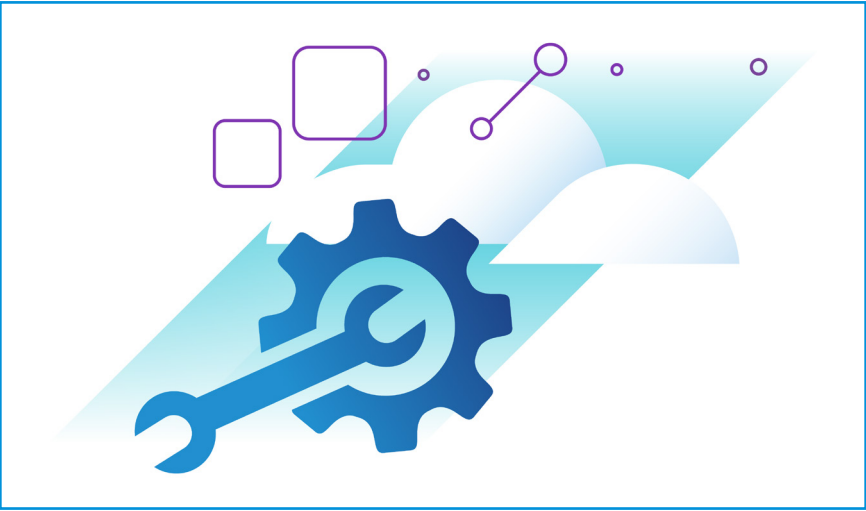
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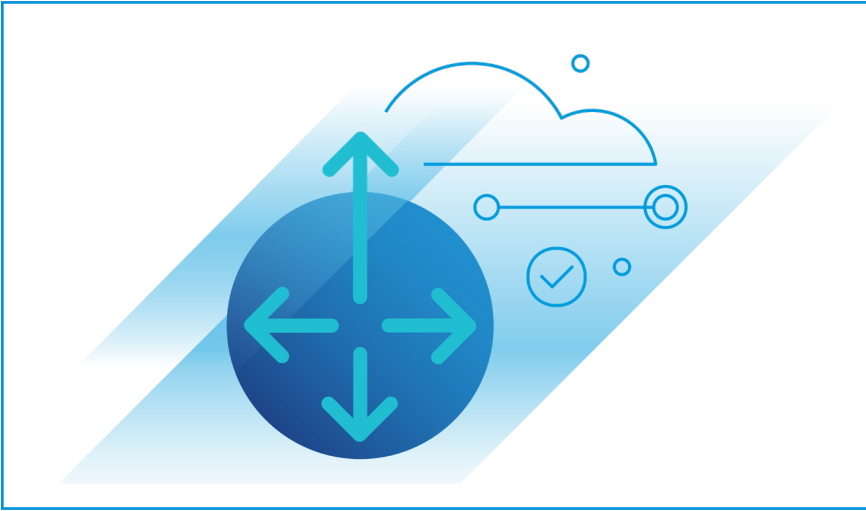
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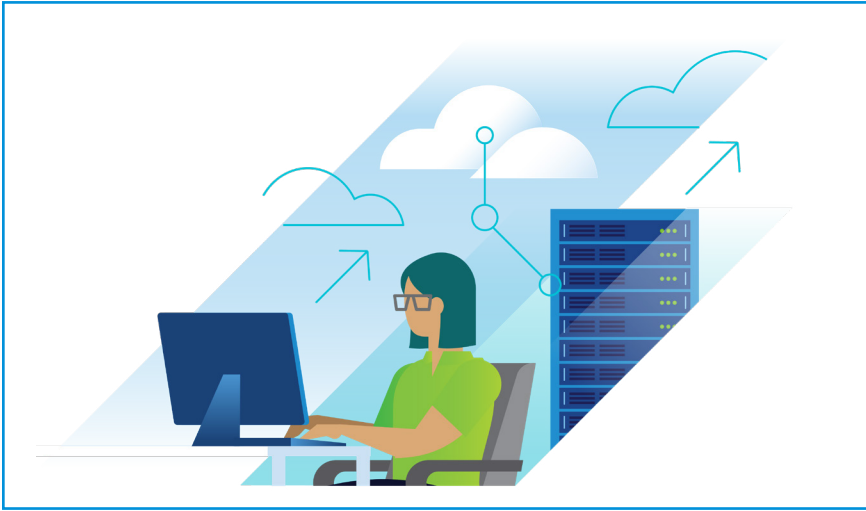
Seamless integration, comes with every VMware Cloud on AWS subscription.



Insights into VMware SDDC for enhanced troubleshooting and reduced mean time to resolution.



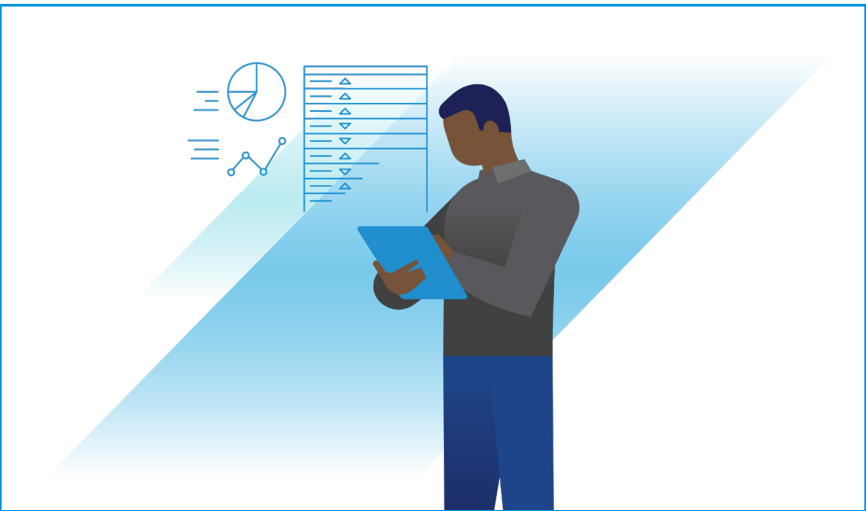
Extensive public cloud service support for AWS, Microsoft Azure, and Google Cloud Platform.



Quicker time-to-value with out-of-the-box content and extended support for more than 40 AWS, 10 Microsoft, and 10 Google Cloud Platform public cloud services.



Out-of-the box and custom dashboards for multi-cloud observability.



Ability to observe and associate logs in real time from anywhere with live tail logging.



Integration with in-product guided tours and quick access to release notes.

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Go from Insight to Action with vRealize Log Insight Cloud

By correlating metrics and log data, vRealize Log Insight Cloud surfaces the actionable insights from events and logs that DevOps needs to ensure a best-in-class digital experience for users. The log management solution facilitates monitoring and enables health checks of both internal and external applications and infrastructure. With vRealize Log Insight Cloud, DevOps can trace communications between applications distributed across systems and containers, identify code errors and exceptions, and quickly find and fix application errors and exceptions.



How vRealize Log Insight Cloud Helps

- 1 Rapid troubleshooting and root cause analysis**
 - Understand the health of an environment by identifying issues and correlating them across infrastructure and applications.
 - Achieve intelligent business insight through robust log aggregation, analytics and faster root cause determination.
 - Deliver innovative indexing and machine learning based on intelligent grouping to enable high performance searching for faster end-to-end troubleshooting across physical, virtual and cloud environments.

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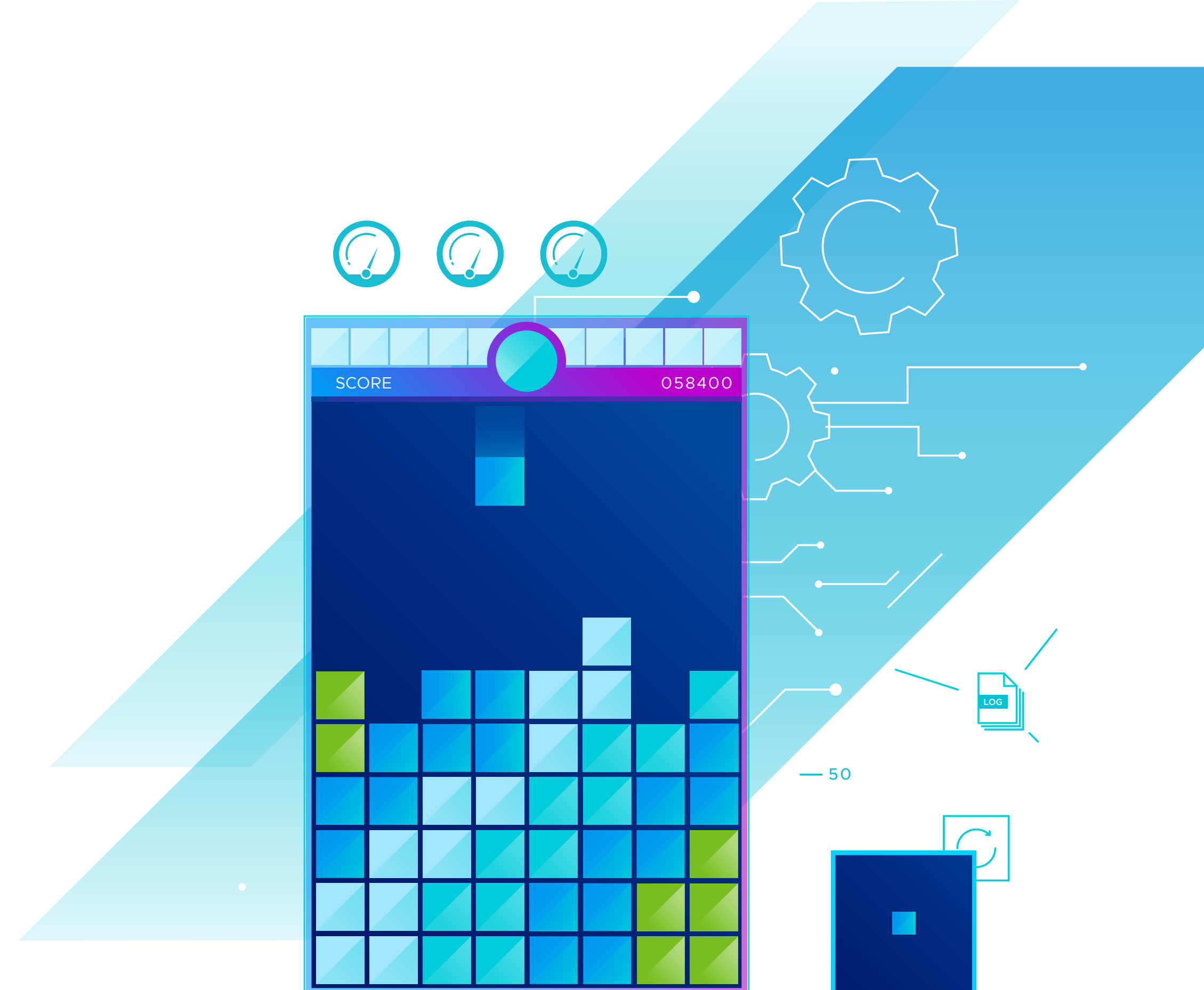
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2 Monitor and manage machine data at scale

- Provide intuitive events and sophisticated analytics securely and efficiently with universal log collection.
- Get enterprise-class scalability and near real-time monitoring designed for all kinds of machine-generated data.
- Identify areas of interest with automatic visualization choices for your data to save time and get visibility across VMware SDDC, VMware Cloud, private and multi-clouds.
- Realize unified visibility across distributed private clouds and hybrid clouds.

3 Create structure from unstructured data

- Collect and automatically identify structure in all types of machine-generated log data to build a high-performance index for analytics.
- Store unlimited data without losing capabilities. Ingest petabytes of data at low cost with intelligent insight.
- Get comprehensive insight into themes and trends, as opposed to just isolated metrics that trigger alarms, in order to solve problems.



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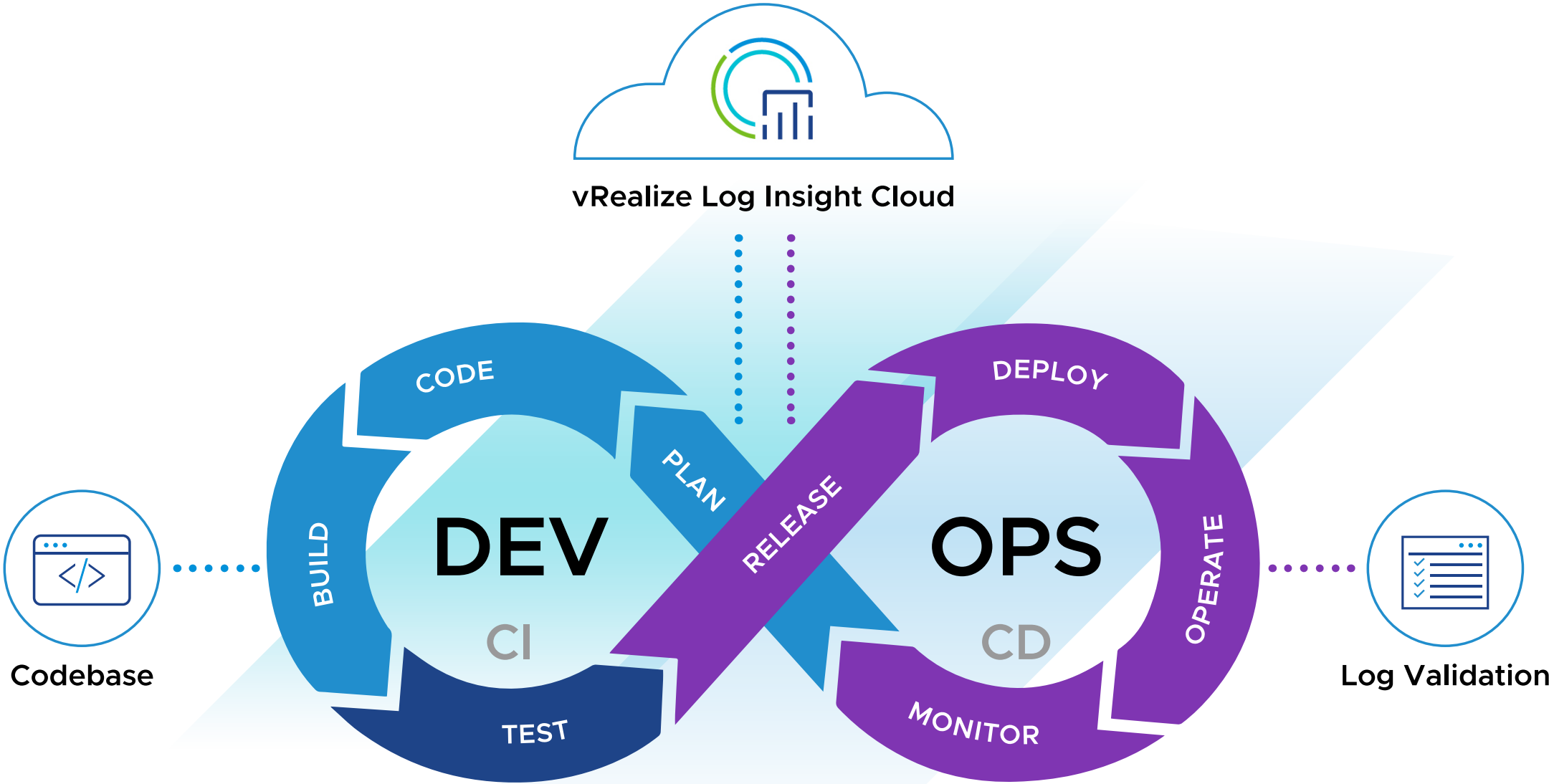
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Ensure a Smooth CI/CD Process on a Daily Basis

With vRealize Log Insight Cloud,
DevOps teams can break down
the silos across all stages of the
software delivery process.



PLAN

Structure log data through separation and correlation of data sources.

RELEASE

Improve and automate the CI/CD pipeline throughout codebase changes with log validation.

CODE

Eliminate the need to design and code ad hoc logging systems.

DEPLOY

Collect application and system logs along with metadata and metrics across the entire stack for complete visibility.

BUILD

Monitor resources and code builds in order to respond to incidents and vulnerabilities.

OPERATE

Detect issues, downtime or changes in real time by leveraging live tail, alerts and application performance visualizations.

TEST

Quickly find bugs to improve system and application performance.

MONITOR

Gain the ability to get deeper insights into any native public cloud or application from a single local container and manage machine data at scale.

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See what vRealize Log Insight Cloud can do with a 30-day, fully functional trial of this centralized log management tool.

This comprehensive trial experience supports 15GB per day of log ingestion *and* offers a 7-day data retention period during the trial. After the trial period ends, all participants can continue the vRealize Log Insight Cloud experience with 5GB of log ingestion with 30-day data retention moving forward for the life of your business needs.



Already a VMware customer?

VMware vRealize Log Insight Cloud is integrated with VMware vRealize Cloud Subscription Manager.

GET STARTED

New to VMware?

Try vRealize Log Insight Cloud without migrating off of your log management tool.

SIGN UP

Get Started Today

Discover centralized log
management for data at
scale

LEARN MORE

Join us online:

