

**ORACLE®**

**MANAGEMENT  
CLOUD**



## Oracle Log Analytics Cloud Service

Log Exploration and Machine Learning  
For Applications and Infrastructure



#### EXPLORE

Explore logs specific to the application experiencing the problem

#### LEARN

Machine learning helps you analyze log data efficiently

#### VISUALIZE

Gain business and IT insight from log data

#### AGGREGATE

Rapidly derive value from logs with light-touch aggregation

Today's end users have zero tolerance for slow application performance and systems downtime. And increasingly, their dissatisfaction directly affects the bottom line, from lost employee productivity to abandoned sales carts. When problems do occur, you need real-time insight to achieve resolutions as quickly as possible. You also need the kind of insight to be able to detect and prevent potential issues before they happen.

The challenge is, today's increasingly sprawling environments—often encompassing heterogeneous on-premises, public and private cloud, and mobile platforms—make both resolution and prevention more complex than ever. Shrinking development cycles and elastic and agile application development only complicate matters. All those systems generate vast amounts of machine-generated data—logs and metrics—that can be extremely valuable, from incident information to root cause identification. But the sheer diversity and volume of data has made it hard to leverage that value effectively and at scale.

Now, Oracle Log Analytics Cloud Service, a cloud service within Oracle Management Cloud family of cloud services, enables you to harness the untapped value of machine data, gain real-time operational insight, and accelerate troubleshooting. Engineered as a light-touch, software-as-a-service solution, it leverages a big data platform to monitor, aggregate, index, analyze, search and explore log data across all your applications and infrastructures—including both Oracle and non-Oracle applications and infrastructure—all in near-real time.

## Search in the Right Haystack

In today's constantly evolving application environments, manual efforts can no longer provide the kind of information you need to keep systems running optimally. Log data is scattered across thousands of infrastructure, server, platform and application components—and is stored in diverse and often proprietary formats. At the same time, daily data volumes now measure in terabytes—and are growing exponentially. Finally, today's elastic architectures, in which applications use a constantly changing set of infrastructure components (i.e. topologies), make it even harder to discover the right log data in the right context.

Thanks to intrinsic knowledge of application topologies, Oracle Log Analytics Service enables you to instantly determine the exact logs associated with the specific application experiencing a problem—even in diverse, constantly evolving environments. And as the



#### ORACLE MANAGEMENT CLOUD

Oracle Management Cloud (OMC) is a suite of next-generation, integrated monitoring, management and analytics solutions delivered as a service on Oracle Cloud. It is designed for today's heterogeneous environments across on-premises, Oracle Cloud and third-party cloud services. OMC is built on a horizontally scalable big data platform with high throughput data processing for providing real-time analysis and deep insights across technical and business events.

Data in OMC is automatically analyzed using machine learning and is correlated across all OMC services, thereby eliminating multiple information silos across end-user and infrastructure data, enabling faster trouble-shooting and providing the ability to run IT like a business.

#### THE POWER OF ORACLE CLOUD

As a light-touch software-as-a-service offering, Oracle Management Cloud enables you to leverage a modern big-data platform without the time, risk and capital expense of building your own on-premises solution.

underlying infrastructure supporting applications evolves; the solution updates its intrinsic knowledge. Instead of searching through the entire corpus of log data for a piece of information, you can immediately focus your troubleshooting efforts on the right needle in the right haystack—and take corrective action accordingly.

## Achieve Rapid Time to Value

As a light-touch software-as-a-service offering, Oracle Log Analytics Service delivers all the benefits of a big data solution—without the time, expense or risk of planning, designing, building and managing your own systems. Right away, you can start ingesting and analyzing terabytes of data in near real time, without hiring skilled staff to maintain such an implementation. Other features that speed time to value include:

- » **Light-touch data collection.** Aggregate and index any type log data from any type of log source with minimal effort.
- » **Out-of-the-box dashboards.** Prebuilt dashboards encompass the entire application stack, so you can start leveraging the value of log data right away.
- » **Prebuilt integration with Oracle's Application Performance Monitoring Cloud Service.** Instantly connect end user performance issues with relevant machine logs—even in very complex environments with applications built on the elastic and agile models.
- » **Rich, out-of-the-box knowledge of Oracle systems.** Automatically collect Oracle log data with out-of-box configuration, collection, and saved searches on Oracle log files.

## Gain Greater Business Insight

Thanks to out-of-the-box dashboards for monitoring the entire application stack, you can deliver strategic business insight to key players, from the Vice President of operations to business application owners to DevOps professionals, in near-real time. In addition, predefined widgets, charts and controls also enable you to quickly build custom dashboards. The result: you deliver the right metrics to the right people at the right time for more agile decision-making.

You can also close gaps in your current reporting and analytics systems to track everything from web page performance to call center wait times. Visibility into the health and availability of applications, as well as the insight derived from trends in operational data, supports optimal business decisions, even as conditions change over time.

## Accelerate Resolution across Complex Environments

In the face of increasing business pressure to keep applications up and running 24/7/365, Oracle Log Analytics Cloud Service helps you drive rapid resolution even in today's complex, hybrid environments. By providing real-time insight into the exact components affecting application performance, you can instantly focus your troubleshooting efforts. And as a cloud solution engineered from the ground up for rapid implementation, you can achieve business value with unprecedented speed—all without the cost, expense and risk of implementation of an on-premises solution.



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**Integrated Cloud Applications & Platform Services**

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