

ORACLE®

**MANAGEMENT
CLOUD**



Oracle Application Performance Monitoring Cloud Service

Rapid problem isolation for applications



END-TO-END APPLICATION PERFORMANCE MANAGEMENT

MONITOR

Deliver real-time insight into performance. Get automated alerts when user experiences fall below acceptable levels.

ISOLATE

Quickly discover application issues and find where problems are occurring.

DIAGNOSE

Leverage guided navigation from end user experiences through application tiers, including database and down to application logs.

ANALYZE

Improve application performance incrementally and systematically through trend, capacity, and workload analytics available with Oracle IT Analytics Cloud Service.

Ensuring application performance has never been more important. Employee productivity and customer satisfaction (not to mention revenue!) depends on your applications -- so poor and unpredictable application performance increasingly threatens your organization's bottom line. More than 40 percent of consumers say they would abandon an online retailer and buy elsewhere if their experience is slow¹. And because users are also increasingly empowered by social media, a poor experience can very quickly result in damage to your brand.

In addition to these business pressures, application performance management has become increasingly complex in the age of modern, mobile-enabled applications that are served by sprawling technology estates encompassing on-premises IT and public cloud services. The movement away from monolithic applications and toward microservices makes the discovery and diagnosis of potential issues even more complex, while shrinking development cycles and the elastic and agile model of application building only compound the number of changes that need to be managed.

To meet these challenges, many organizations have begun to realign IT according to DevOps principles, which break down traditional walls among development, testing and operations teams. But the current tools DevOps uses are siloed, decrease efficiency, encourage finger-pointing and keep organizations guessing instead of executing. DevOps absolutely demands that a common set of information be used across the various stakeholders to drive optimal performance in these new environments by fostering collaboration across the entire development lifecycle — from design to production support

Oracle Application Performance Monitoring Cloud Service

Oracle Application Performance Monitoring Cloud Service, powered by the big data platform of Oracle Management Cloud (see sidebar), facilitates DevOps for modern applications by allowing customers to monitor these applications effectively, with all the advantages of a light-touch, software-as-a-service (SaaS) solution. It integrates user experience information and server-side application metrics along with in-context application logs, so you can rapidly isolate, triage and diagnose issues affecting application performance. The result: you speed resolution and ensure good user experiences. At the same time, a single source of truth helps drive collaboration across your development, testing and operations teams.

¹ "The State of the User Experience," Limelight Networks, 2015.



ORACLE MANAGEMENT CLOUD

Oracle Management Cloud 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. Oracle Management Cloud is built on a horizontally scalable big data platform with high throughput data processing that provides real-time analysis and deep insights across technical and business events.

Data in Oracle Management Cloud is automatically analyzed using machine learning and is correlated across all Oracle Management Cloud, 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.

Reduce Mean Time to Resolve Application Issues by Turning Big Data into Real-Time Insight

With Oracle Application Performance Monitoring Cloud Service, you gain a big data platform that intelligently captures and integrates monitoring data from complex, hybrid systems—without the cost and complexity of building and managing your own solution. And you unlock the value of all that data with real-time analysis based on current—not historical—conditions.

The result: you recognize bottlenecks quickly and troubleshoot your application with a host of features that includes:

- » **End user monitoring:** Analyze end user performance and find faults through automatic correlation between the end user experience and server side resources.
- » **Application request monitoring:** Pinpoint application performance bottlenecks and faults in the associated tiers.
- » **Correlated log data analysis:** Identify log events based on rich pattern searches and visualization.

Break Down Barriers Between Development and Operations

To support the kind of integration and information sharing that drives successful DevOps, Oracle Application Performance Monitoring Cloud Service provides a single source of truth about user experience and application performance to drive better, more collaborative application delivery.

All members of the DevOps team gain insight into true application performance—right down to the code level. As a result, you eliminate information silos, provide developers with broader access to data, and drive application context into operations.

Help Ensure a Superior User Experience

With Oracle Application Performance Monitoring Cloud Service, your team understands true application performance and correlated end user delays or issues. You give them complete information to deliver better user experiences with tools to:

- » **Monitor** the performance of all browser pages and Ajax.
- » **Measure** all application requests, and classify and store key instance samples.
- » **Correlate** individual bottlenecks to backend performance issues.

Summary

If you need to find and fix application issues fast, Oracle Application Performance Monitoring Cloud Service will provide your development and operations teams with the end-to-end information they need via deep visibility into your application performance from the end user perspective, through application server requests down to application logs.



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Integrated Cloud Applications & Platform Services

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