ORACLE APPLICATION PERFORMANCE MONITORING CLOUD SERVICE

Oracle
Application Performance Monitoring
Cloud Service

ORACLE®
APPLICATION
PERFORMANCE
MONITORING
CLOUD SERVICE

Oracle Application Performance Monitoring Cloud Service is a software-as-a service solution that provides deep visibility into your application performance from end-user experience, through application server requests, and down to application logs. With Oracle Application Performance Monitoring Cloud Service you can isolate problems before they impact your business, break down the barriers between Development and Operations teams and deliver better applications.

Rapid Problem Isolation

Applications are at the core of businesses today. Poor application performance can impact the brand perception in the marketplace and the bottom line. With Oracle Application Performance Monitoring Cloud Service be alerted to end user impacting issues and have the information to solve application problems faster.

- Monitor all end user experience for all web pages

- Follow transactions across servers to understand what tier the application issue resides

- Breakdown silos and see application logs automatically in context to the application performance
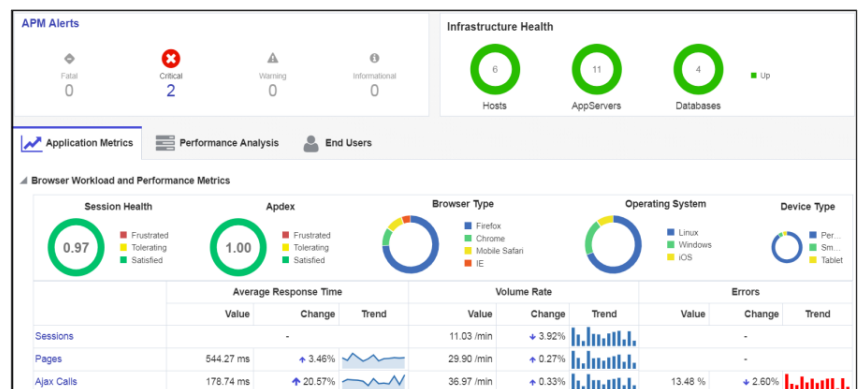
FEATURES
- End User Monitoring
- Synthetic Monitoring
- Mobile Monitoring
- Deep Server Diagnostics
- Server Request Tracing
- Application infrastructure Monitoring
- REST API for data integration

END USER MONITORING
- Real User Experience
- Session reporting
- Performance for all Pages
- Ajax performance in context

SYNTHETIC MONITORING
- Oracle Managed Locations
- Private Agents deployed within Enterprise Networks
- Scheduled tests for Infrastructure, REST API's, Pages to Full End User workflows
- Full Visibility from Browser to Back-end

MOBILE MONITORING
- Native Mobile Application support for Ios and Andriod
- Monitor native mobile application interfaces and HTTP Requests for performance, errors, and load.

Figure 1. End-User Experience for modern web applications.

Deep Application Visibility

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DEEP SERVER DIAGNOSTICS
- Application Thread Profiling
- Transaction tracing
- Java Diagnostics

SERVER REQUEST TRACING
- Server side performance down to the operation/method level
- Automatically link application requests across servers

APPLICATION INFRASTRUCTURE MONITORING
- Application and infrastructure logs in context of server request and database
- Application infrastructure resource usage in context to workload

To deliver high-quality applications requires deep visibility into the performance of the applications at all levels. Today, applications execute across a distributed environment in a web browser, across application servers, and in databases. With Oracle Application Performance Monitoring Cloud Service, you know the performance of your application at all levels. From the actual browser and Ajax performance for all users, through the server side request performance as the transactions pass through multiple application servers, and finally down to the granular application code level where you can see the actual performance for method and SQL level operations. By leveraging automated discovery and advanced reporting you can incrementally and systemically improve the performance of your applications as they change.

Figure 2. Deep application visibility across all application components.

APM for DevOps

Organizations that incorporate DevOps practices into their application lifecycle require relevant, timely, and appropriate visibility into production application performance. With Oracle Application Performance Monitoring Cloud Service, DevOps professionals have the appropriate contextual visibility into the production performance of applications. Operations and Development teams leveraging the shared application context can navigate seamlessly through what are traditionally data silos of user experience, application requests, application infrastructure, and application logs to solve application issues faster. Those same professionals can leverage Oracle Application Performance Monitoring Cloud Service APIs to incorporate key application performance metrics into their own DevOps systems and practices.

ORACLE MANAGEMENT CLOUD

- Oracle Application Performance Monitoring Cloud Service is part of 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.

- OMC eliminates the human effort associated with traditional management toolsets while achieving better performance. Autonomously monitor, detect, triage and proactively resolve issues across hybrid cloud environments, including heterogeneous technology on-premises, in Oracle Cloud and in third-party clouds.

TOP THREE CAPABILITIES

- Comprehensive, intelligent management platform

- Zero-effort operational insights
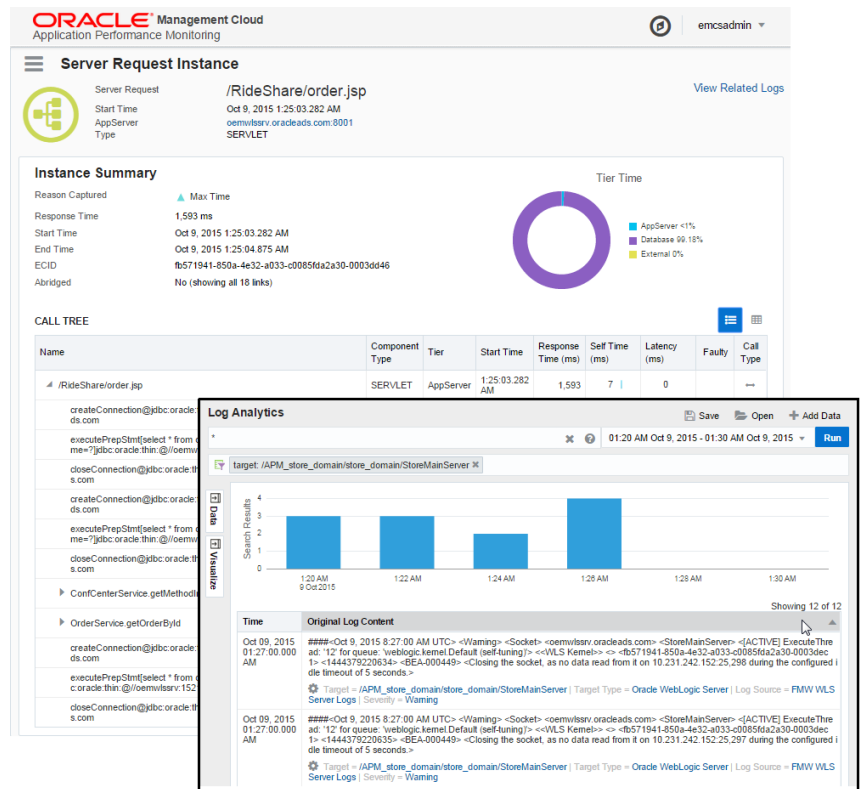
- Automated preventative and corrective actions

Figure 3. Application logs are explored in context of application issues.

ÜBER HUNKLER

Das Karlsruher Systemhaus HUNKLER wurde 1988 erster offizieller Partner von Oracle in Deutschland. Ein Team von rund 20 Mitarbeitern unterstützt Kunden aus Industrie, öffentlicher Verwaltung, Gesundheits- und Finanzwesen mit Beratung, Lösungsentwicklung und Managed Services.

Im Fokus von HUNKLER stehen leistungsfähige, wirtschaftliche Infrastrukturen für Oracle-datenbanken mit den Schwerpunkten Hochverfügbarkeit, Ausfallsicherheit und Zero Downtime Migration. Die integrierten Komplettlösungen der Produktfamilie Oracle Engineered Systems sowie der Datenbank-/Anwendungsbetrieb in der Oracle Cloud sind weitere Themenfelder, die das Unternehmen umfassend abdeckt.

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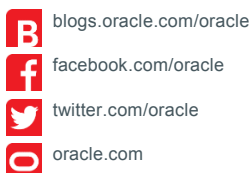
Integrated Cloud Applications & Platform Services

Oracle is committed to developing practices and products that help protect the environment