

ORACLE®

**MANAGEMENT
CLOUD**



Oracle IT Analytics Cloud Service

Operational Intelligence for Modern IT



“Analytics pays back \$13.01 for every dollar spent.”

NUCLEUS RESEARCH
SEPTEMBER 2014

USE ORACLE IT ANALYTICS CLOUD SERVICE TO ANSWER QUESTIONS SUCH AS:

- » Which systems will run out of capacity in the next six months based on current rate of growth?
- » What performance issues by tier affect the service levels of my online applications?
- » How can I create a CIO dashboard comparing the performance of databases on Oracle Exadata vs. non-Oracle Exadata servers?

End users have zero-tolerance for slow performance or downtime. And poorly performing systems increasingly impact the bottom line, from lost productivity to abandoned sales carts. Whether you are a CIO, line-of-business (LOB) executive, or systems analyst and administrator—you need vital information about your IT operations in order to keep applications and infrastructure systems running at peak performance today and ensure adequate capacity for future business needs.

Make Critical Decisions about Your Applications & Infrastructure

Achieving visibility across your application infrastructure has become increasingly difficult, manual and complex in today's sprawling, heterogeneous IT infrastructures, which often span on-premise, private and public cloud, and mobile environments. It can become almost impossible to ask and answer important questions about your IT estate—for example, finding the root-cause of systemic issues or the problem areas across a large, multi-tier footprint, or planning capacity for future growth. Yet at the same time, the rate of change in business and technology drivers has increased too much that asking these kinds of questions is more important than ever.

360-Degree Insight into Performance, Availability, & Capacity

Enter Oracle IT Analytics Cloud Service. Integrated with Oracle Management Cloud's family of cloud services and built on its unified, big data platform, Oracle IT Analytics Cloud Service automatically and intelligently ingests large volumes of IT data, then applies advanced analytics to turn that data into business value—giving you the operational insight needed for today's modern IT.

Plan for Growth

To achieve 360-degree insight into the performance, availability, and capacity across your applications and IT investments, you require accurate analytics across your application systems—not just for the immediate term but over multiple business cycles over longer periods of time. Oracle IT Analytics Cloud Service makes this possible. IT operations leaders and administrators can now take advantage of historical trends from an operational perspective and determine how systems are going to grow or contract over time and with different workloads. These capabilities and tools help predict demand, enabling IT to transform itself from a mere service provider into a strategic business partner.

Planning staff can quickly use resource analytics to identify utilization rates of key assets—and plan for future resource needs. Administrators can leverage performance analytics to extract insight into top performance problems across application infrastructure, and take preemptive actions based on suggestions from the solution. Instant insight via pre-built dashboards can be shared to communicate key performance indicators (KPIs) to all stakeholders.



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.

Optimize Capacity: Improve Current Resource Utilization

To manage operational costs you need visibility into resource usage trends for your critical applications. Oracle IT Analytics Cloud Service leverages deep monitoring data collected from databases, application servers and other IT systems, so you can:

- » Increase IT resource utilization by identifying under- and over-utilization.
- » Identify resource consumption by various dimensions (platform, lifecycle, usage, etc.).
- » Avoid problems that result from unexpected growth in demand by predicting and forecasting future trends based on historical data.

Identify Systemic Performance and Availability Trouble Spots

Traditional enterprise monitoring systems provide visibility into the current health of individual components of your systems, but that is not enough for today's virtualized, heterogeneous environments. To maximize performance and availability, you need to conduct performance, activity and workload analysis across all components and over longer time periods.

With Oracle IT Analytics Cloud Service, IT personnel can perform historical, comparative analysis to discover the major bottlenecks affecting enterprise-wide database and application performance. You can quickly identify top performance problems, ensure compliance with service-level agreements, and take pre-emptive corrective action. The solution enables comprehensive analysis based on:

- » Top performance findings. Visualize top performance findings and trends over time across databases and middleware components.
- » Activity analysis. Analyze database activity across related groups of databases to view the impact of shared resources and/or applications.
- » Workload analysis. Analyze trends of top incoming SQL queries and their changes over time.

Transform IT into a Strategic Business Partner: Provide Proactive Insight and Deliver Reliable Service

Traditional IT monitoring systems collect terabytes of monitoring data over time. However, they lack the tools to search, browse or perform advanced analytics that can unlock the real value of all that data. Besides out-of-the-box analytics and reporting, Oracle IT Analytics Cloud Service enables you to perform interactive exploration and analysis of all that data—then quickly build dashboards to deliver deep insight to executives, LOB managers and IT stakeholders. With Oracle IT Analytics Cloud Services you can:

- » Search. Interactively explore real-time and historical IT data (IT assets, configurations, metrics, events, topologies) by various custom criteria.
- » Analyze. Visualize KPIs for key assets to uncover trends, analyze behavior, and to predict growth
- Share. Publish tailored views of key performance indicators for IT stakeholders, from LOB executives to analysts, on specialized topics such as SLAs, IT asset inventories, data center performance, and much more.



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Integrated Cloud Applications & Platform Services

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