ORACLE

Management Pack for WebCenter

Oracle Enterprise Manager is Oracle's on-premises management platform, providing a single pane of glass for management of Oracle environments, whether in customer data centers or in Oracle Cloud. Through deep integration into Oracle's product stack, Enterprise Manager provides market-leading management and automation for Oracle engineered systems, databases, middleware, and hardware.

Increase business agility through application to disk automation and hybrid cloud management. Maximize service levels through intelligent management of the Oracle stack performance and availability. Reduce costs through comprehensive lifecycle automation, combined hardware and software management, proactive monitoring and compliance control.

ORACLE
Enterprise Manager

FEATURES

Single console monitoring WebCenter components including WebCenter Portal, Content Management, and Spaces

Comprehensive performance monitoring showing critical metrics

Advanced customizable performance views

Proactive alerts for performance issues

Historical monitoring

OUT-OF-BOX MONITORING

Oracle WebCenter Suite enables enterprises to improve customer loyalty with targeted websites, while enhancing productivity with contextual collaboration. To help enterprises transforming organizations to social business it integrates several disparate products in a suite which include Portal, Site, Content and Connect. This increases business agility with intuitive portals, composite applications, and mash-

ups, and offers seamless access to the right information in context. However, this poses a great challenge for administrators to monitor such composite applications.

Oracle Enterprise Manager Cloud Control provides out-of-box monitoring for critical services and components of WebCenter Suite. WebCenter Suite products such as Portal and Content are designed to provide critical performance metrics using Oracle Enterprise Manager Cloud Control. The metrics can be seen in real-time as well as historical charts. Historical charts can be used to analyze performance trends across all key WebCenter components. The performance views are highly customizable and allow users to overlay performance of different targets or time periods. This greatly enhances the Administrator's ability to perform root cause analysis and diagnostics. Oracle Enterprise Manager Cloud Control monitors production applications 24/7 as it was designed specifically to run in production environments with minimal overhead. Essentially, administrators get maximum visibility at very little cost increasing their ROI on WebCenter and all applications and systems that depend on WebCenter for critical services.
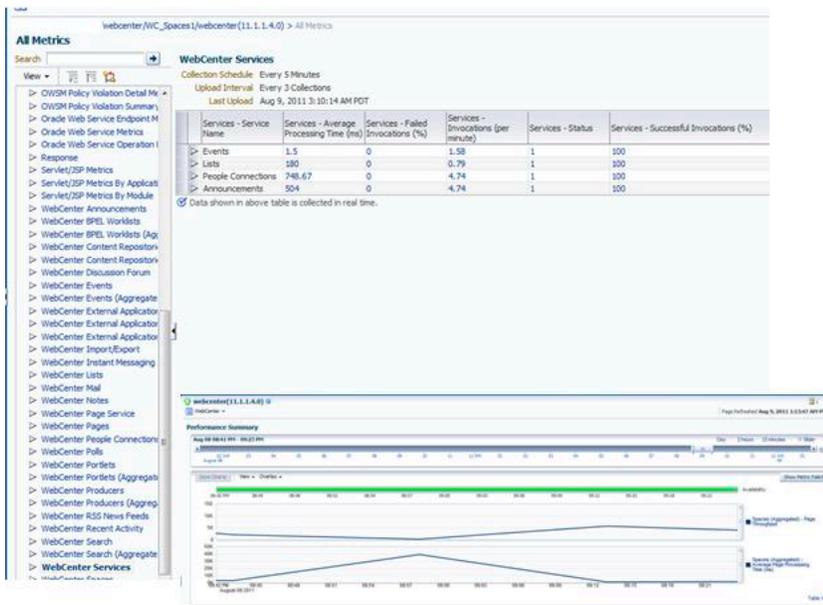
Figure 1. Deep visibility into component health via performance summary.

TOP DOWN APPLICATION MONITORING

Management Pack for WebCenter provides administrators with out-of-box customized dashboard. It simplifies correlating the performance of the WebCenter Suite services with underlying ADF components in addition to the underlying WebLogic and JVM (licensed only via WebLogic Server Management Pack EE). Dashboards can be easily utilized to monitor high level performance of the constituent services and components. Administrators can drill down to determine whether the bottleneck resides in the underlying ADF components to pinpoint issues in custom ADF task flows and other service dependent components. Critical metrics can be correlated with high level portal, transaction, and business function and likewise alerts can be based off thresholds at almost any layer in the application. Administrators can see exactly what service-level outliers did inside the application and the individual request traces are automatically tied to the transaction models. This critical information is presented to user in fully customizable views according to their preferences and needs.
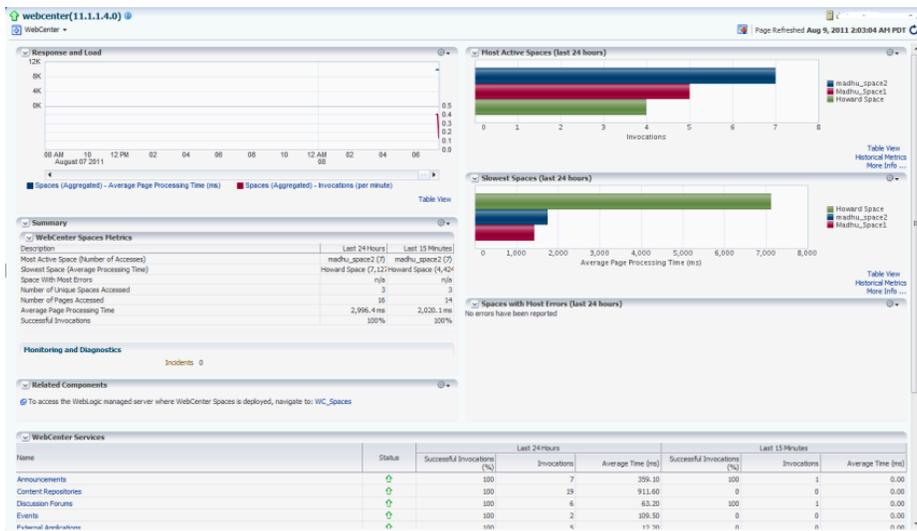
Figure 2. Customized out-of-box dashboard.

PROACTIVE MONITORING USING ALERTS

Management Pack for WebCenter allows administrators to set performance thresholds on specific key metrics. Alerts are generated as thresholds are crossed and a variety of different events can be generated such as emails to specific groups of users or SNMP trap events. This gives enterprises the ability to proactively manage their business critical applications before the performance starts impacting service levels. Administrators can also choose to automate a job as a corrective measure based on an alert.

MANAGING SYSTEM AND SERVICES

To get a holistic picture of the entire application system Administrator can group related system components together and create a System. For example, an administrator may create a System grouping together WebCenter Suite portal components, Content servers and hosts where these are running. You can promote key metrics from different components to system level. In addition, administrators can define service level agreements (SLAs) based on the defined expected service level at various points within the infrastructure. A service can also be defined using synthetic transactions.

APPLICATION INFRASTRUCTURE

Application and infrastructure logs in context of server request and database

Application infrastructure resource usage in context to workload

CONNECT WITH US

Call +1.800.ORACLE1 or visit oracle.com.
Outside North America, find your local office at oracle.com/contact.

 blogs.oracle.com facebook.com/oracle twitter.com/oracle