

New Features in BAM 11.1.1.1.0

Introduction

In today's fast-paced business environment it is critical to monitor services and events to provide real-time visibility into the state of the enterprise, business processes, people and systems. Oracle Business Activity Monitoring (Oracle BAM) provides the ability for aggregating service metrics and delivering actionable information on critical business service parameters to users. Oracle BAM empowers operational managers and business executives to make intelligent decisions by providing relevant business metrics (KPIs and SLAs) across the business through visual dashboards. Oracle BAM uses real-time event engine to alert users regarding unexpected situations that need attention. The users have the ability to take corrective action from within application as such situations are encountered. Oracle BAM is a complete solution for building real-time operational dashboards, monitoring and alerting applications over the Web.

New Features

Oracle BAM 11gR1 is a J2EE application tightly integrated with the rest of the Oracle SOA suite technologies. This section lists the new features for Oracle BAM 11.1.1.1.0 release.

New features include:

Oracle BAM Server Platform: 100% Java, Multi-platform support, Multi-OS support

Security: Integrated with Oracle WebLogic Security Provider and Oracle Identity Management suite

Monitoring: Application configuration and monitoring via Fusion Middleware Control Console

Enhanced Usability:

- Microsoft Excel 2007 support
- ADF/DVT Controls views with Oracle BAM Data Control Preview
- User Interface for a business user to take actions. Invoke BPEL processes and any web services directly from Oracle BAM Alerts and Dashboards

Performance and Scalability: Faster report load time and real-time update, Improved batching, improved DB RAC support

Interoperability: A first-class component of Oracle SOA Suite, tightly integrated through new Oracle BAM Adapter available in the SOA Composite Editor. Send business data from a composite application to Oracle BAM or use as a partner link in a BPEL process.

Data Source Integration:

- Oracle Data Integrator available with Oracle BAM Knowledge Modules
- Integration with External data tables via External Data Objects includes OBIEE
- Enhanced BPEL-BAM sensor framework; Communicate over RMI or SOAP
- Backward compatible with BPEL PM 10g
- Enhanced Web Services APIs

JMS Connectivity: Supports direct JMS Connectivity and allows XSL transformation

Internationalization and Localization: Improved support for Localization and Internationalization for Oracle BAM Web Applications

For existing Oracle BAM installations, Oracle BAM 11g supports a seamless upgrade for Oracle BAM Data Objects, Reports and Alerts.