

# Management Pack for Non-Oracle Middleware

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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.

Management Pack for Non-Oracle Middleware is a comprehensive management pack for monitoring Java applications running in application server environments. Everything from wizard-driven discovery which provides high-level JMX metrics out of the box to deep dive JVM diagnostics is at an operation team's fingertips with Enterprise Manager Cloud Control. The end result is better ROI across the entire stack from the front-end requests to the calls to the back-end database with root cause analysis and high-level monitoring dashboards that provide visibility at all levels within the middleware stack.



## KEY FEATURES

Out Of The Box support for WebSphere, JBoss, Tomcat

JVM Diagnostics

Pre-configured availability and performance monitoring

Reports for easier problem diagnosis, trend analysis and capacity planning

Blackouts, Corrective Actions, Notifications, User-defined metrics, Monitoring Templates, Dashboards

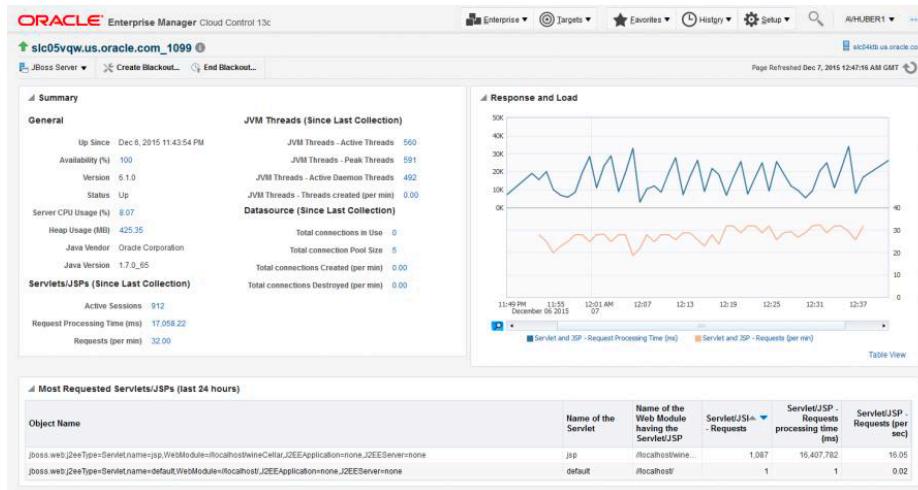
Configuration management

## DISCOVERY AND MONITORING

Wizard-driven discovery of application server environment including clusters and other application components provides the following benefits instantly:

- Availability, Performance, Load and Usage metrics monitoring
- Monitor many-as-one using uniform modeling of Application Server entities
- Extensible monitoring of Application metrics exposed through JMX or Web Services
- Robust event monitoring using metric thresholds, events, notifications, and corrective actions

The Management Pack for Non-Oracle Middleware helps IT organizations achieve high availability, performance, and optimized service levels for their business services. The pack actively monitors and reports on the availability and performance of services - including a variety of end-user business functions.



## REAL-TIME PERFORMANCE DIAGNOSTICS FOR JAVA VIRTUAL MACHINE

The Non-Oracle management pack includes JVM Diagnostics. This feature provides deep analysis of the JVM. Once configured via a simple deployment mechanism that doesn't even require the restart of the monitored application server, CPU, I/O, garbage collection, heap memory, and thread analysis is immediately available in both real-time and historical view. Monitoring is provided 24x7 with extremely low overhead (less than 1%). Thresholds can be set on key metrics such as CPU, I/O, memory utilization and thread waits (database, file, network, and lock wait states) allowing event-driven notifications and corrective actions. In addition, administrators are able to trace one or more active threads to view stack progression over a period of time.

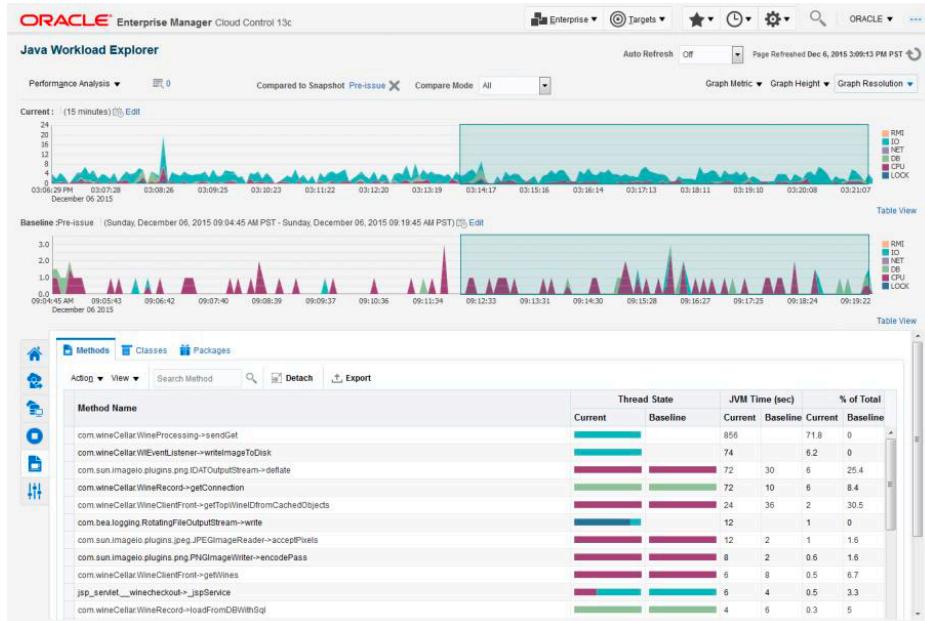
## KEY BENEFITS

Consolidate management of your heterogeneous environment into single console

Correlate availability and performance problems across entire set of IT components

Enhance service modeling and perform comprehensive root cause analysis to increase operational efficiencies

Automation



## SYSTEM AND SERVICE MANAGEMENT

Oracle Enterprise Manager allows administrators to easily monitor their entire infrastructure from end to end by providing system and service management. Systems can be created to represent a composite application comprised of multiple tiers of middleware as well as databases and hosts. These systems are then monitored from a single dashboard to provide complete visibility of the health of the system.

Using service tests and synthetic transactions executed from remote locations, businesses can monitor services from the end users' perspective providing administrators with the global perspective on application health, and its correlation to the underlying IT infrastructure. In addition, the pack assesses the business impact of any service problem or failure, and indicates whether service level goals have been met.

## SYSTEM AND SERVICE MANAGEMENT

IT organizations need to keep track of configuration files for various compliance reasons. It also helps in diagnosing some of the performance issues which could be related to poor configuration. Oracle Enterprise Manager's configuration management solution gives administrators ability to select configuration files and keep track of the changes. Traditionally the IT organizations relied on manual efforts to collect and save configuration changes over a period of time. Oracle Enterprise Manager reduces the cost of ownership by providing single console visibility for configuration. Oracle Enterprise Manager provides out-of-box parsers for well-known file formats such as .xml, .properties, etc

### RELATED PRODUCTS

WebLogic Server Management Pack  
Enterprise Edition

SOA Management Pack Enterprise  
Edition

Management Pack for WebCenter Suite

Management Pack for Non-Oracle  
Middleware

Diagnostic Pack for Oracle Database

Real User Experience Insight

Management Pack for Oracle Coherence

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