

Monitoring Oracle Forms with Enterprise Manager 10g Grid Control

End-User Performance Monitoring for Oracle Forms using Enterprise Manager

Enterprise Manager 10g Grid Control Release 2 (10.2.0.1) and higher versions currently provide monitoring for Forms-based applications. Specifically, the End-User Performance Monitoring feature provides Forms action roundtrip times as experienced from all real end-users' perspective. The top slowest Forms actions by URL, region, domain, visitor, or web server (or by a combination of these) are provided. By measuring the response time of Oracle Forms actions of all real end-users, administrators are able to easily identify performance bottlenecks, and determine exactly which users are affected.

Which Forms releases are currently supported and what operations are monitored?

<u>Oracle Forms Version</u>	<u>Monitored Operation</u>
6i Patch 16 (AS 1.022)	Commit only
9.0.2 (AS 9i)	None
9.0.4 (AS 10g)	None
10.1.2 (AS 10.1.2)	Commit, Query, Runform, Callform, Newform, Openform

Any Oracle Forms version which End-User Performance Monitoring supports can be used with any version of Enterprise Manager (EM). However, depending on which Forms version and which Enterprise Manager version is used, the measurements provided are different, and available according to the table below:

<u>EM Version</u>	<u>Measurements Provided</u>
10.1.0.3+	Total time, Server time
10.2+	Total time, Server time, Database time

What are the requirements for monitoring End-User Performance for Forms?

The Application Server Diagnostics Pack is required for this functionality. The AS Diagnostics Pack not only includes the End-User Performance Monitoring feature, but also provides the ability to trace web transactions and requests through the application stack down to the database, thus enabling administrators to quickly diagnose the cause of performance bottlenecks.

To enable Enterprise Manager for End-User Performance Monitoring for Forms, either Oracle Web Cache (versions 9.0.2 and up) or Apache (Oracle HTTP Server or Apache HTTP Server) is required.

For more detailed instructions on how to configure End-User Performance Monitoring for Forms, consult the Enterprise Manager 10g Release 3 Advanced Configuration Guide.

Service Level Management for Oracle Forms using Enterprise Manager

Oracle Enterprise Manager 10g Grid Control's Service Level Management (SLM) Pack enables administrators to proactively monitor many types of services including various network, mail, database, and infrastructure services, and Web and Oracle Collaboration Suite applications. With Enterprise Manager 10gR3, the Service Level Management Pack is extended to monitor Oracle Forms applications.

Using the Service Level Management Pack, Forms transactions or 'service tests' can be recorded and then replayed at specified intervals from various geographical locations using 'beacons'. The total Forms server time, Login time, average time per message, network latency are some of the metrics provided with this feature. These response times can be measured from all locations where beacons are installed. This provides a proactive 24X7 approach to ensuring that your Forms application is available and is providing consistently high levels of service to all your important end-users.

When will the Service Level Management feature be available to monitor Forms Applications?

The ability to proactively monitor Forms applications through beacons and service tests is available in the Enterprise Manager 10g Release 3 (10.2.0.3) release.

Which Forms releases will be supported?

Monitoring of Oracle Forms applications using the SLM Pack is currently available for Oracle Forms 10.1.2 with Enterprise Manager 10g Release 3. Oracle Applications 12i release is based on Oracle Forms 10.1.2, but an upcoming patchset will be required to enable Oracle Applications 12i Forms applications to be monitored with the SLM Pack.

Forms transaction monitoring is also available for Oracle Forms version 9.0.4 with Enterprise Manager 10g Release 3. Oracle Forms 6i support is currently being tested and will be available in an upcoming release.

More Information

For more information about Oracle Enterprise Manager 10g, visit the [Oracle Technology Network](#) and [Oracle Enterprise Manager](#) Web pages.

Note: Information on this page is correct at the time of publication and is subject to change without notice.