Oracle® Enterprise Manager

System Monitoring Plug-in for Oracle TimesTen In-Memory Database Release Notes

Release 2.1

E13082-04

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This documentation contains the following sections:

- Platforms
- Software requirements and installation
- Known problems
- Documentation Accessibility

1 Platforms

The System Monitoring Plug-in for Oracle TimesTen In-Memory Database is supported on all platforms that TimesTen 11.2.1.5.0 or later and Enterprise Manager Agent 10.2.0.x and Enterprise Manager Agent 11.1.0.1 support.

2 Software requirements and installation

For software requirements please refer to the *Oracle Enterprise Manager System Monitoring Plug-in for Oracle TimesTen In-Memory Database Installation Guide*.

For information on installing Oracle Enterprise Manager Agent 11.1.0.1:

`http://download.oracle.com/docs/cd/E11857_01/index.htm`

For information on installing Oracle Enterprise Manager Agent 10.2.0.5 or later:

`http://download.oracle.com/docs/cd/B16240_01/doc/nav/portal_booklist.htm`

3 Known problems

This section lists known problems and limitations.

3.1 Collecting metrics

- The plug-in can no longer collect metrics for the target in these situations:
  - If the user of the target is dropped.
  - If the user's password is changed while the plug-in is running.
  - If a database that corresponds to a target DSN is unloaded.
  - If the TimesTen daemon for a target DSN is stopped.

3.2 Access Control

- In some versions of Oracle Enterprise Manager, if access control is enabled, after clicking Test Connection, you must re-enter the password. If you click OK to add the target after doing a Test Connection, the plug-in gets a TimesTen authentication error. The password can be re-entered after the target is added by choosing Monitoring Configuration on the target's main page.

3.3 Credentials

- The EM Agent Credentials (host username/password) need to be set correctly for the EM Agent to work.

3.4 Database destroyed

- If a TimesTen database being monitored by the plug-in is destroyed, the plug-in's script continues to run (unsuccessfully) once per minute until the target is removed.

3.5 Direct-linked DSN

- The plug-in is not designed to be used with Client/Server DSNs. Only direct-linked DSNs should be used with this plug-in.

3.6 Performance

- The plug-in should be not be deployed on the same machine as either the Enterprise Manager Oracle Management Server or the Oracle Enterprise Manager Repository.
- When a TimesTen database is recreated or overwritten, the metrics in the `SYS.MONITOR` table are reset to zero. If the database was being monitored during this re-creation, some performance rates may temporarily become negative. This behavior corrects itself and is not an error.
- The performance of the plug-in reports suffers if the server on which the Enterprise Manager Oracle Management Server or the Enterprise Manager Repository database is low on memory or is CPU bound or I/O bound.

3.7 Remove a target

- If you remove a target and try to add it again with the same name, you may get an EM error such as: `java.sql.SQLException: ORA-20600: The specified target is in the process of being deleted.` You can either wait and retry, or use a different target name.

3.8 Target properties

- The Target Properties page may lose values (for example, comment, line of business). This does not affect either the accuracy or the performance of the plug-in.

3.9 Windows

- The host username must be specified as *`windows_domain`*`\`*`username`*.

- The security privilege `Log on as a batch user` must be granted to the user who runs the EM Agent service.

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