

# Oracle® Enterprise Manager

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

Release 11.2.1

E13082-02

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This document was first written and published in November 2007. The content has not changed since then.

This documentation contains the following sections:

- [Platforms](#)
- [Software requirements and installation](#)
- [Known problems](#)
- [Documentation Accessibility](#)

## 1 Platforms

The Oracle TimesTen In-Memory Database Plug-in is supported on all TimesTen 7.0 platforms.

## 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 10.2.0.1 or later:

[http://download.oracle.com/docs/cd/B16240\\_01/doc/nav/portal\\_booklist.htm](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 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.

## 3.2 Collecting metrics

- The plug-in can no longer collect metrics for the target in these situations:
  - If access control is enabled and the user of the target is dropped.
  - If access control is enabled and 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.

## 3.3 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 use Client/Server DSNs. Only direct-linked DSNs should be used.

## 3.6 Performance

- The plug-in should 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 using `ttDestroy` or with the `overwrite` attribute, 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 O/S user

- The EM Agent and TimesTen instance should be installed as the same O/S user.

### 3.10 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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