

# Oracle® Business Transaction Management

Release Notes

Release 12.1.0.6

E52794-03

June 2014

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Oracle Business Transaction Management allows you to define and monitor transactions, and understand the business context of each transaction, including the transaction's consumers and business payload. You can also set performance targets for each transaction and monitor performance relative to those targets. You can trigger alert notifications when performance targets are breached or unusual conditions are met.

This document provides information about the changes introduced with release 12.1.0.6 of Business Transaction Management. It is recommended that you review this document before installing the product or upgrading to this version of the product. This document contains the following sections:

- ["New Capabilities"](#)
- ["Known Problems"](#)
- ["Bugs Fixed in Release 12.1.0.6"](#)
- ["Documentation Accessibility"](#)

## 1 New Capabilities

This release includes the following new features:

- **SOA\_B2B** – Monitors SOA B2B (Business to business) adapters of SOA applications.
- **Out of band discovery** - enables dynamic discovery period for when an observer attempts to discover new components. For more information on this feature, enabled in the advanced settings for observers, see the *Business Transaction Management Online Help*.
- **SOA 12.1.3** - Business Transaction Management is now compatible with Oracle SOA Suite Release 12.1.3.
- **SOA\_REST adapter** -Monitors SOA REST adapters of SOA applications (SOA Release 12.1.3 only)
- **OSB 12c** - Business Transaction Management is now compatible with Oracle Service Bus Release 12c. Install the WebLogic 12 observer to use this feature.

## 2 Known Problems

The following problems have been observed:

- BTM does not support JVM Diagnostics if the server does not use FQDN

You can only access JVM Diagnostics from BTM if the machines where JVMMD is installed are known to the Enterprise Manager instance by their fully qualified domain names (FQDN). If a machine has been discovered/registered by the EM in its short form (for example `server1` instead of `server1.oracle.com`) then you will not be able to access JVM Diagnostics for that specific server.

- SOA Suite 11g Release 11.1.1.6 bug impacting observer  
CR 13895209: INCORRECT WSDL FOR SOA PS5 WEB SERVICES. User Description: In SOA Release 11.1.1.6, if WSDLs of different SOA web services import the same parent WSDL, a query WSDL of individual service might contain all endpoints from different services with the same address location. This affects BTM in that SOA web services importing the same parent WSDL might show more endpoints than they are supposed to have. Sites impacted by this problem should either download the SOA Release 11.1.1.6 patch or upgrade to Release 11.1.1.7 to resolve this issue.
- If you are upgrading to release 12.1.0.6 of Business Transaction Management, and you use the observer for JavaEE in WebLogic 12 server, you need to reinstall the observer as described in the *Installing Observer Libraries on WebLogic* chapter of the *Business Transaction Management Installation Guide*.
- If you are upgrading to release 12.1.0.6 of Business Transaction Management, and you use the JMS probe, you need to remove and recreate all JMS Topic endpoints where the endpoint genre is `OSB_Proxy` and the endpoint URI is similar to the following:

```
jms://host:port/%ConnectionFactoryJNDIName%/%TopicJNDIName%
```

After upgrading to release 12.1.0.6, you can create a script which contains all the necessary commands to remove the endpoints as follows

For Windows, enter the following command to create the script:

```
btmcli generateRemoveOsbDeprecatedEpScript -s sphereUrl -u userName:password -scriptLanguage bat -o outputFileName
```

For other platforms, enter the following command to create the script:

```
btmcli generateRemoveOsbDeprecatedEpScript -s sphereUrl -u userName:password -scriptLanguage sh -o outputFileName
```

where:

- *sphereUrl* is the URL for the main server
- *username* is the username of the btmAdmin
- *password* is the password of the btmAdmin
- *outputFileName* is the file name of the script you want to create

### 3 Bugs Fixed in Release 12.1.0.6

The following bugs have been fixed in this release:

**Table 1 Bugs Fixed in this Release**

Bug Number	Description
16589209	TRANSACTION METRICS FOR "STARTED/COMPLETED TRANSACTION RATE" ARE WRONG
16709922	MESSAGE LOG BUNDLE URN:AGENT.SERVICE.AP_LOGDEST_17B13F6...ENCOUNTERED UNEXPECTED EXCEPTION
17432225	BTM: CANNOT LOCATE THE EP ID FOR THE SERVICE... WITH BINDING NULL/NULL, MEAS. IGNORED
17529399	CHANGED OBSERVER POLICY TO NOT SUMMARIZE JDBC - NOW GETTING NULLPOINTEREXCEPTION
17603641	FAILS TO DISCOVER OSB PROXY AND BUSINESS SERVICES WITH MESSAGE TRAFFIC
17760139	YOU NO LONGER SEE JDBC DETAILS WHEN VIEWING TRANSACTIONS
17812593	CAN NOT DISAMBIGUATE END-POINTS BECAUSE THERE ARE MULTIPLE ENDPOINTS
18019119	JAVA.UTIL.CONCURRENT.CONCURRENTHASHMAP CONSUMES 1.6GB OF BTM HEAP SPACE
18238167	NPE AFTER TOGGING JDBC SUMMARY MODE
18269049	UNABLE TO EDIT "FAULT MONITORING" SETTING WHEN TRANSACTION NAME CONTAINS A SPACE
18470760	OSB OBSERVER NOT CORRECTLY DISCOVERING/MONITORING ENDPOINTS BEHIND LOAD BALANCER
18477204	MESSAGE LOGGING DATABASE POLICY IS STUCK FOREVER IN AN UNAPPLIED STATE
18615069	IOEXCEPTION2 UPDATING SERVLETRESPONSE FOR SERVLETRESPONSEMESSAGE: BROKEN PIPE
18685836	ENDPOINTS WITH DIFFERENT INTERFACES FOR SAME SERVICE CAUSE PROBLEMS WITH THE UI
18692593	SOA WSA THROWS EXCEPTION: CANNOT PROCESS DUE TO NULL PARAMETER
18720806	SETTINGS OF WEBLOGIC FRONTEND HOST/PORT CAUSES BTM TO GENERATE INCORRECT URL
18770741	APP DATA FROM OBSERVER EXCEEDS LIMITS OF SPHEREDB.AMBPT_SERVICE.QUALIFIEDNAME
18934050	BTM OSB OBSERVER: NPE IN DEFAULTREQUESTHEADER WITH TUXEDOTRANSPORT PROVIDER
ER16562801	ALLOW FOR MISMATCH OF SERVICE NAMES BETWEEN SOA OBSERVER AND OSB
ER17271706	REQUEST FOR A BTM CLI COMMAND TO PURGE ALL RUNTIME METRICS
ER17300720	BTM'S WEBLOGIC PRINCIPAL NAME MAPPINGS NEED TO BE MORE FLEXIBLE
ER17590432	BTM OBSERVER UNABLE TO HANDLE LONG DELAY IN REVERSE LOOK UP - WLS STUCK THREADS

**Table 1 (Cont.) Bugs Fixed in this Release**

Bug Number	Description
ER18008346	CAPTURE SSL-ID FROM OSB CONTEXT TO BE USED AS CONSUMER IDENTIFICATION

## 4 Documentation Accessibility

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<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

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Oracle Business Transaction Management Release Notes, Release 12.1.0.6 for all platforms  
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