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 12.1.0.7 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 12.1.0.7"
- "Documentation Accessibility"

1 New Capabilities

This release includes the following new features:

- This release now includes support for WebLogic Server 12c.
- This release supports the installation of Central Servers with Oracle Database 12c. Installing Central Servers is described in the Installing and Configuring the Central Servers chapter of the BTM Installation Guide.

With Release 12c, support for the use of SID (for example, jdbc:oracle:thin:@hostname:1521:sid) is deprecated and you must use a service name when specifying a connect string, for example:

```
jdbc:oracle:thin:@hostname:1521/service_name
```

Using a service name requires that you delimit the port and service name with a forward slash (/), rather than a colon (:).
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, BTM might show more endpoints for those web services 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 12.1.0.7 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 12.1.0.7 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 12.1.0.7, 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 12.1.0.7

The following bugs have been fixed in this release:

<table>
<thead>
<tr>
<th>Bug Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>19511572</td>
<td>ER - SUPPORT FOR MQ TRANSPORT ON OSB PROXY SERVICE</td>
</tr>
<tr>
<td>19453248</td>
<td>ER - IN SOME SCENARIOS JAVAEE/JMS OBSERVER SHOULD MODEL THE MDB IN WAVETOP MODE</td>
</tr>
<tr>
<td>18008346</td>
<td>OSB12: CAPTURE SSL-ID FROM OSB CONTEXT TO BE USED AS CONSUMER IDENTIFICATION</td>
</tr>
</tbody>
</table>
### Table 1 (Cont.) Bugs Fixed in this Release

<table>
<thead>
<tr>
<th>Bug Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>19791197</td>
<td>DMS SIZE WARNINGS IN SOA 12.1.3 WHEN OBSERVER IS DEPLOYED</td>
</tr>
<tr>
<td>19729809</td>
<td>SOME CALL SITES FAIL TO BE INSTRUMENTED BY WLDF</td>
</tr>
<tr>
<td>19556593</td>
<td>OUTBOUND REST CALLS FROM OSB SHOULD NOT DEPENDENCY DISCOVER SPURIOUS ENDPOINTS</td>
</tr>
<tr>
<td>20053124</td>
<td>VALUE TOO LARGE FOR COLUMN &quot;BTM_SPHERE&quot;.&quot;AMBPT_ENDPOINT&quot;.&quot;SERVICEQNAME&quot;</td>
</tr>
<tr>
<td>18638821</td>
<td>OBSERVER NEEDS BETTER ERRORS/DIAGNOSTICS WHEN UNABLE TO CONNECT TO MONITOR PORT</td>
</tr>
<tr>
<td>19722821</td>
<td>BTM TRANSACTION SYSTEMS FAILS TO INITIALIZE/START: NULLPOINTEREXCEPTION</td>
</tr>
<tr>
<td>19950554</td>
<td>OOB STOPPED DUE TO: JAVA.LANG.NEGATIVEARRAYSIZEEXCEPTION</td>
</tr>
<tr>
<td>20263524</td>
<td>CAUGHT EXCEPTION IN CHECKEXCEPTION ACTION: JAVA.LANG.NULLPOINTEREXCEPTION</td>
</tr>
<tr>
<td>18390752</td>
<td>ER: NEED MASTER SWITCH TO ENABLE/DISABLE BTM'S USE OF DATABASE TEXT INDEX FEATURE</td>
</tr>
<tr>
<td>17898358</td>
<td>ER: &quot;TEXT INDEX MESSAGE CONTENT&quot; FEATURE OF BTM SHOULD DEFAULT TO 'OFF'</td>
</tr>
<tr>
<td>19644791</td>
<td>BTM CLI DELETEALL: FAILED ATTEMPTING TO UNMANAGE THE ENDPOINT ..._ROUTER</td>
</tr>
<tr>
<td>20320154</td>
<td>AMBPT_TRIGGERS GROWS TOO LARGE AND SHUTS DOWN ALL CONDITION ALERT PROCESSING</td>
</tr>
<tr>
<td>20418238</td>
<td>MISSING MESSAGE CONDITION ON OSB BUSINESS OBJECT FAILS TO TRIGGER ALERTSEV 1</td>
</tr>
</tbody>
</table>

### 4 Documentation Accessibility


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