Oracle Fusion Middleware Release Notes for Oracle SOA Suite, 12c (12.2.1.4.0)

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Preface

*Release Notes for Oracle SOA Suite* describes new features for Release 12c (12.2.1.x) of Oracle SOA Suite, and also includes information about known issues and workarounds.

For release notes for earlier releases not covered here, refer to the Oracle Fusion Middleware library on the Oracle Help Center for the release you need.

Documentation Accessibility


Accessible Access to Oracle Support


Related Documents

Refer to the Oracle Fusion Middleware library on the Oracle Help Center for additional information.

- For Oracle SOA Suite information, see Oracle SOA Suite.
- For adapters information, see On-Premises Integration Adapters.
- For Oracle BAM information, see Oracle Business Activity Monitoring.
- For Oracle B2B information, see Oracle B2B.
- For Oracle Business Process Management information, see Oracle Business Process Management.
- For Oracle Enterprise Scheduler information, see Oracle Enterprise Scheduler.
- For Oracle Managed File Transfer information, see Oracle Managed File Transfer.
- For Oracle Service Bus information, see Oracle Service Bus.
- For Oracle SOA Suite for healthcare integration information, see Oracle SOA Suite for Healthcare Integration.
- For versions of platforms and related software for which Oracle products are certified and supported, review the Certification Matrix on OTN.
- For cloud adapters information, see:
Conventions

The following text conventions are used in this document:

<table>
<thead>
<tr>
<th>Convention</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>boldface</strong></td>
<td>Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.</td>
</tr>
<tr>
<td><em>italic</em></td>
<td>Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.</td>
</tr>
<tr>
<td><strong>monospace</strong></td>
<td>Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.</td>
</tr>
</tbody>
</table>
1

New Features

Note:

Screens shown in this guide may differ slightly from your implementation. Any differences are cosmetic.

New features for Release 12c (12.2.1.x) of Oracle SOA Suite are described in the following guides:

- For Developer-related features, see What's New in This Guide in Developing SOA Applications with Oracle SOA Suite.
- For Administrator-related features, see What's New in This Guide in Administering Oracle SOA Suite and Oracle Business Process Management Suite.

1.1 New Features in Oracle SOA for Healthcare Integration

New features for Release 12c (12.2.1.x) of Oracle SOA Suite for healthcare integration are:

- A command-line utility to resubmit an application message or a wire message for a selected business message. See Resubmitting a Message.
- An enhancement to remove the dependency of outbound messages to ports. See About Resubmitting Messages.
- A new Session Timeout parameter on the UI Settings page. See Setting runtime and User Interface Properties.

1.2 New Features in Oracle B2B

A new feature for Release 12c (12.2.1.x) of Oracle B2B is:

- An enhancement to remove the dependency of outbound messages to ports. See Resubmitting Messages from Oracle B2B.

1.3 New Features in Oracle BAM

There are no new features for Release 12c (12.2.1.x) of Oracle BAM.
2 Known Issues and Workarounds

This chapter describes known issues and workarounds for Release 12c (12.2.1.x) of Oracle SOA Suite:

- SOA Core Known Issues and Workarounds.
- Oracle BAM Known Issues and Workarounds.

2.1 SOA Core Known Issues and Workarounds

Known issues and workarounds for Release 12c (12.2.1.x) of SOA Core are:

- Voice Notifications Not Active
- Reference Configuration Templates Not Verified in Enterprise Deployment Guide
- Payload Restriction in REST Binding
- NullPointerException While Deploying a Composite
- oracle.mds.core.MetadataNotFoundException: MDS-00013 Exception for Bulk Recovery Request
- Invalid Composite Error When Migrating SOA Composite from 11g to 12c
- Auto Purge Through EM Throws OSA-1403 Error
- Maven Is Slow in Windows 7 x64
- Unable to Process the Sensor Exception for Asynchronous Service
- Incorrect Migration Policy In UMSJMSJDBCSTORE_AUTO_2 After OSB Extension
- Domain Creation Fails If the Correct Server Groups Are Not Selected While Configuring OSB and SOA
- An Incorrect config.xml File Is Generated While Extending a SOA Cluster with OSB
- Add Access Control Dialog Fails to Display a Newly Created ESS Application Role
- Delete Selected Instance May Fail in an Upgraded Environment
- Some JMS Inbound Messages Get Rejected Following an Abnormal Shutdown and Subsequent Restart of the Managed Server
- Prerequisite Not Executed While Installing 12.2.1 SOA on DOCKER Container
- Second Right-Click Does Not Work in Target Navigation Tree for Safari
- Invalid Username/Password - ORA-01017
- Oracle SOA Suite 12c Does Not Support Non-Oracle Databases and Third-Party Application Servers
2.1.1 Voice Notifications Not Active

Bug Number: 30904272

Impacted Releases: 12c

Impacted Platforms: All

Voice notifications are supported in Oracle SOA Suite 11g, but not supported in Oracle SOA Suite 12c.

2.1.2 Reference Configuration Templates Not Verified in Enterprise Deployment Guide

Beginning with Release 12c (12.2.1.4), you can create either a Reference Configuration domain or a Classic domain on the Templates screen in the Configuration Wizard during installation. Domains created with the new Reference Configuration templates are automatically configured with optimizations and parameters that increase the resiliency and performance of the SOA servers.

These Reference Configuration templates have been adopted for SOA, OSB, and B2B products. Their templates now include Reference Configuration in their names, and are the default templates listed in the Configuration Wizard for these products.

The previous SOA templates, which do not implement these optimizations, have been renamed to classic templates. Although they are not shown in the Configuration Wizard, they are still available and located at

$ORACLE_HOME/soa/common/templates/wls (SOA, B2B classic templates)

and

$ORACLE_HOME/osb/common/templates/wls (OSB classic template).

The Reference Configuration templates have NOT been verified in the Enterprise Deployment Guide for Oracle SOA Suite.

To create a SOA domain based on either the Reference Configuration or Classic templates, see Selecting the Configuration Template for Oracle SOA Suite in Installing and Configuring Oracle SOA Suite and Business Process Management.

Subsequent extensions on a Classic SOA domain (for B2B or OSB) must be done with Classic templates and not with Reference Configuration templates. To extend with an OSB Classic template, select the jar $ORACLE_HOME/osb/common/templates/wls/oracle.osb.classic.domain_template.jar. To extend with a B2B Classic template, select $ORACLE_HOME/soa/common/templates/wls/oracle.soa.b2b.classic.domain_template.jar. Other SOA components (BPM, BAM, ESS, and MFT) do not have Reference Configuration templates, so the default templates shown in Configuration Wizard for these products can be used to extend the SOA Classic domain.

2.1.3 Payload Restriction in REST Binding

Issue

Bug Number: 27396866
Impacted Releases: 12.2.1.3.0
Impacted Platforms: All

You will see an `OutOfMemory` exception when the payload size is more than 300MB in REST binding. This is because it takes around 10 times memory of the size of the payload. This is a limitation.

**Workaround**

None.

### 2.1.4 NullPointerException While Deploying a Composite

**Issue**

Bug Number: 26654091
Impacted Releases: 12.2.1.3.0
Impacted Platforms: All

While trying to deploy a SOA composite application, if you see a `NullPointerException` error, ignore it. The error is thrown if the name of the composite is missing from the URL.

**Workaround**

Try using a different browser.

### 2.1.5 oracle.mds.core.MetadataNotFoundException: MDS-00013 Exception for Bulk Recovery Request

**Issue**

Bug Number: 27272902
Impacted Releases: All
Impacted Platforms: All

When you request for bulk recovery in SOA, you may encounter the following exception:

```
oracle.mds.core.MetadataNotFoundException: MDS-00013: no metadata found for metadata object "/oracle/apps/ess/custom/soa/Schedule/BULKRECOVERY.xml
```

**Workaround**

Ensure that `DummySchedule` is not present in your environment. The `DummySchedule` prevents the submission of the bulk recovery request.
2.1.6 Invalid Composite Error When Migrating SOA Composite from 11g to 12c

Issue

Bug Number: 27175899

Impacted Releases: All

Impacted Platforms: All

When you migrate a SOA composite applications from 11g to 12c, an error Invalid Composite is thrown. This occurs when the .jpr file of the migrated composite does not have the technologyScope attribute with SOA metadata in it.

Workaround

Verify that the technologyScope attribute is included in the .jpr file before you attempt the migration to 12c.

Add the following code snippet in the .jpr file after the close tag of <list n="contentSets">

```xml
  <value n="defaultPackage" v="project1"/>
  <hash n="oracle.ide.model.ResourcePaths">
    <hash n="resourcesContentSet">
      <list n="url-path"/>
    </hash>
  </hash>
  <hash n="oracle.ide.model.TechnologyScopeConfiguration">
    <list n="technologyScope">
      <string v="SOA"/>
    </list>
  </hash>
  <hash n="oracle.jdeveloper.compiler.OjcConfiguration">
    <list n="copyRes">
      <string v=".gif"/>
      <string v=".GIF"/>
      <string v=".jpg"/>
      <string v=".JPG"/>
      <string v=".jpeg"/>
      <string v=".JPEG"/>
      <string v=".png"/>
      <string v=".PNG"/>
      <string v=".properties"/>
      <string v=".xml"/>
      <string v=".ejx"/>
      <string v=".xcfg"/>
      <string v=".cpx"/>
      <string v=".dcx"/>
      <string v=".sva"/>
      <string v=".wsdl"/>
      <string v=".ini"/>
    </list>
  </hash>
```
2.1.7 Auto Purge Through EM Throws OSA-1403 Error

Issue
Bug Number: 27157704
Impacted Releases: All
Impacted Platforms: All

When you schedule auto purge through EM, it results in ORA-1403 (No data found). If this error is thrown, check all the autopurge job artifacts in the schema.

Workaround
Recreate the SOAINFRA schema so that the missing jobs are recreated.

2.1.8 Maven Is Slow in Windows 7 x64

Issue
Bug Number: 27157678
Impacted Releases: All
Impacted Platforms: Windows 7 x64

When you have multiple SOA projects and use Maven to build/deploy the projects, the compilation is very slow. It can take up to 10 minutes.

This is an issue related to performance and occurs only on Windows 7 x64.
2.1.9 Unable to Process the Sensor Exception for Asynchronous Service

**Issue**

Bug Number: 27157725  
Impacted Releases: All  
Impacted Platforms: All

If an asynchronous service is used with the operation name being the same for the request and response message, the sensors defined for such messages may throw an Unable to process the sensor exception.

**Workaround**

Do not use the same operation name for both request and response messages in the service.

2.1.10 Incorrect Migration Policy In UMSJMSJDBCSTORE_AUTO_2 After OSB Extension

**Issue**

If you are adding an OSB dynamic cluster to a domain containing a SOA dynamic cluster, where you already have changed the policy of the UMSJMSJDBCSTORE_AUTO_1 persistent store to something different from off, the UMSJMSJDBCSTORE_AUTO_2 created for OSB_Cluster will inherit that migration policy. This causes a configuration error because the OSB_Cluster doesn't have any leasing configuration by default, and the AdminServer fails to start.

Admin server fails to start by displaying the following error:

weblogic.management.ManagementException: [Management:141266] Parsing failure in config.xml: The following failures occurred:  
-- An attempt was made to set the migration-policy of JDBCStore UMSJMSJDBCStore_auto_2 to "On-Failure". Before automatic migration of any kind can be used, the MigrationBasis must be set in the ClusterMBean.

**Workaround**

Edit the domain config.xml as follows:

- Look for the UMSJMSJDBCSTORE_AUTO_2 element that is targeted to the OSB Cluster.
- Set its <migration-policy> to off.
- For example:

  ```xml
  <jdbc-store>
    <name>UMSJMSJDBCStore_auto_2</name>
    ..
  </jdbc-store>

  <migration-policy>off</migration-policy>
  ```
2.1.11 Domain Creation Fails If the Correct Server Groups Are Not
Selected While Configuring OSB and SOA

Issue
If you configure an OSB and SOA cluster without selecting the correct server groups,
then the domain creation fails with the following notice:

Preparing...
Extracting Domain Contents...
Creating Domain Security Information...
Starting OPSS Security Configuration Data Processing...
The OPSS Security Configuration Data Processing Completed...
Domain Creation Failed!

Workaround
To avoid this error, select OSB-MGD-SVRS-COMBINED and SOA-MGD-SVRS server
groups for all managed servers on the Managed Servers screen.

2.1.12 An Incorrect config.xml File Is Generated While Extending
a SOA Cluster with OSB

Issue
When extending your SOA cluster domain with OSB, if you delete the existing
Managed Server and create a new Managed Server, an incorrect config.xml file is
generated. For example, if you delete the existing soa_server1 and replaced it with
osb_server1 you get an incorrect config.xml file. Specifically, the following SAF tags
are missing from config.xml:

<saf-agent>
  <name>ReliableWseeSAFAgent_auto_1</name>
  <target>osb_server1 (migratable)</target>
  <store>WseeFileStore_auto_1</store>
</saf-agent>
<saf-agent>
  <name>ReliableWseeSAFAgent_auto_2</name>
  <target>ms2 (migratable)</target>
  <store>WseeFileStore_auto_2</store>
</saf-agent>

Workaround
When extending your SOA cluster, create new Managed Servers for OSB.
2.1.13 Add Access Control Dialog Fails to Display a Newly Created ESS Application Role

**Issue**

Bug Number: 24586390  
Impacted Releases: All  
Impacted Platforms: All  

Create an Oracle Enterprise Scheduler application, and create an application role to configure security.  

When you try to add resource grants for the ESS application role in the Job Definition configuration, the newly-created application role might not show in the Role dropdown menu.

**Workaround**  
Restart Oracle JDeveloper to resolve the issue.

2.1.14 Delete Selected Instance May Fail in an Upgraded Environment

**Issue**

Bug Number: 22937819  
Impacted Releases: All  
Impacted Platforms: All  

On environments upgraded from 11.1.1.9.0, deleting flow instances of a composite from the Flow Instances tab in Enterprise Manager Fusion Middleware Control might not work. This bug is specific to database version 12.1.0.1.0.

**Workaround**  
The workaround is to apply Patch 20830993 for database version 12.1.0.1.0. See details on the Oracle Support site.

2.1.15 Some JMS Inbound Messages Get Rejected Following an Abnormal Shutdown and Subsequent Restart of the Managed Server

**Issue**

Bug Number: 24558686  
Impacted Releases: All  
Impacted Platforms: All  

If the managed server undergoes an abnormal shutdown and subsequent restart, some of the JMS inbound messages can be rejected, as a result of non-retriable runtime exception.
Workaround
You can access and retry these messages. See Handling Rejected Messages.

2.1.16 Prerequisite Not Executed While Installing 12.2.1 SOA on DOCKER Container

Issue
Bug Number: 21846678
Impacted Releases: 12.2.1
Impacted Platforms: All
During installation of SOA 12.2.1 on Docker Container, the "Checking Operating System Certification" prerequisite is not executed. This is expected behavior.

Workaround
You can either click Skip and continue with the installation, or run the SOA installer in silent mode with flags -ignoreSysPrereqs and -novalidation to ensure that system prerequisite checks are skipped.

2.1.17 Second Right-Click Does Not Work in Target Navigation Tree for Safari

Issue
Bug Number: 21965636
Impacted Releases: All
Impacted Platforms: All
Description of the issue and when it might occur
1. Use Safari browser to log in to Enterprise Manager Fusion Middleware Control.
2. Expand the target navigation tree on the left.
3. Navigate to the SOA, soa-infra node.
4. Right-click a composite. You get the options.
5. Now, right-click again on any node. The options do not appear. You get a blank context menu.

Workaround
You can use the SOA Infrastructure drop-down menu to access the menu options.

2.1.18 Invalid Username/Password - ORA-01017

Issue
Bug Number: 26565652
Impacted Releases: 12.2.1.3.0
Impacted Platforms: All

If you encounter the error ORA-01017: invalid username/password, manually apply the patch available at My Oracle Support. This is a known issue and a fix will be available in the next release.

2.1.19 Oracle SOA Suite 12c Does Not Support Non-Oracle Databases and Third-Party Application Servers

Issue
Instances that were created using a non-Oracle database cannot be migrated to Oracle Fusion Middleware 12c.

Workaround
To migrate the closed instances from Oracle Fusion Middleware 11g to Oracle Fusion Middleware 12c, you must create a new 12c SOA domain using a supported Oracle database. Active 11g instances must be completed using the existing 11g server.

2.2 Oracle SOA Suite for Healthcare Integration Known Issues and Workarounds

A known issue for Release 12c (12.2.1.x) of Oracle SOA Suite for healthcare integration is:

• SOA Upgrade Fails with Reconfiguration-Related Healthcare-UI

2.2.1 SOA Upgrade Fails with Reconfiguration-Related Healthcare-UI

Issue
If the SOA Suite domain reconfiguration fails due to Healthcare-UI validation, then delete the HealthCare-UI from the WebLogic Server deployment page.

Workaround
Before deleting the HealthCare-UI, make sure that HealthCare-UI is not in active state. If HealthCare-UI is not in active state and the reconfiguration continues to fail at Healthcare-UI validation, then contact Oracle Support.

2.3 Oracle B2B Known Issues and Workarounds

Known issues and workarounds for Release 12c (12.2.1.x) of Oracle B2B are:

• Transactions Stuck MSG_WAIT_BATCH State
• An Attribute Cannot Appear More Than Once in the Same Start Tag
2.3.1 Transactions Stuck MSG_WAIT_BATCH State

**Issue**

Bug Number: 24012499

Impacted Releases: 12.2.1.3.0

Impacted Platforms: All

In a transaction type 810, messages get stuck in MSG_WAIT_BATCH state, which means that the business logic is completed and they are waiting for delivery to the next stage.

**Workaround**

The EM property `b2b.additionalDebugInfo` must be defined to log any batch straggler information into the `<soa_server>-diagnostic.log`. To write the batch straggler batch name and lag time into the file, the value of the EM property should follow this format: `logDir=<directory where the file will be written>`. The directory name is not case-sensitive.

2.3.2 An Attribute Cannot Appear More Than Once in the Same Start Tag

**Issue**

Bug Number: 25530559

Impacted Releases: 12.2.1.3.0

Impacted Platforms: All

The following exception error with an endpoint may occur intermittently:

```
oracle.xml.parser.schema.XSDException: An attribute cannot appear more than once in the same start tag.
```

If this occurs, you can enable the logging to try to diagnose the root cause.

**Workaround**

To generate an additional log to debug this issue in detail:

1. In the EM Console, add the `b2b.additionalDebugInfo` server property with a value of `logDir=<directory for schema files>`.

   When the exception error occurs, the logs have additional lines for debugging. The lines are prepended by `DebugForDuplicateAttribute`.

2. Open the diagnostic log found in the `logDir` directory. Search for the `DebugForDuplicateAttribute` lines to get more detailed information.

2.4 Oracle BAM Known Issues and Workarounds

Known issues and workarounds for Release 12c (12.2.1.x) of Oracle BAM are:
2.4.1 Dimension Value Points Are Not Highlighted Together in the Scatter/Bubble View's Legend Area

**Issue**

Bug number: 24905747

If you hover your cursor over a dimension in the scatter/bubble view's legend area, all the points with that dimension value are not highlighted at the same time. Note the following details about this issue:

- If you import a project with this sort of view from a 12.2.1 release, it does not show this issue until you resave the view. At this point, you see the view become corrupted.
- If you create a new project with new queries and views in 12c (12.2.1.4), there is no way to get the same display as in 12.2.1 (and in graphs in 12.1.3).

2.4.2 Newest Row Not Inserted in DO AlertHistory Page1 with Sorted Sent Col

**Issue**

Bug Number: 27321113

In some cases, a new row is not inserted in the DO AlertHistory data rows Page1 when the **Sent** column was sorted, but a row was inserted in Page2 or Page3 as snapshots.

**Workaround**

The data presented when sorting column-based tabular data (on the DO **Data** tab) orders what is seen on the page by the ascending/descending order of the column, but it doesn't apply that sort order on all the available rows and reload all the pages based on the new ordering. To sort a column by order, set **Order on Database** as a **Preferences** setting.

The default behavior of column sort is intentional and mainly for performance optimization. Using **Order on Database** may slow page refreshes if the volume of data is huge.
2.4.3 BAM JNDI Foreign Providers Are Not Created When You Add BAM to a Domain With Dynamic SOA Cluster

Issue

When adding BAM to the domain, some foreign JNDI providers are created. One of them, `BAMForeignJndiProvider`, is configured pointing to the SOA Cluster.

When the SOA Cluster is dynamic, that JNDI provider is not properly populated and the foreign JNDI providers are not created by the Configuration Wizard.

Workaround

After extending the domain to add BAM, two Foreign JNDI Providers must be created in the domain: `BAMForeignJNDIProvider` and `BPMForeignJNDIProvider`.

1. Create the `BAMForeignJNDIProvider`:
   
   a. Log in to the WebLogic Console and navigate to `domain > Environment > Services > Foreign JNDI Providers`.
   
   b. Click `New`.
   
   c. Change the name to `BAMForeignJNDIProvider` and click `Next`.
   
   d. Select SOA Cluster as the target. Click `Finish`. A Foreign JNDI Provider `BAMForeignJNDIProvider` is created.
   
   e. Click the `BAMForeignJNDIProvider` link.
   
   f. Under the General tab, enter the following properties:
      
      Initial Context Factory: `weblogic.jndi.WLInitialContextFactory`
      
      Provider URL: URL for the BAM Servers (for example, `t3://host1:9001,host2:9001`)
      
   g. Click `Save`.
   
   h. Click the `Links` tab. Create two links for each of the BAM persistence and configuration services as indicated in the table below:
   
   i. Restart the SOA Server (this is required, otherwise, the foreign JNDI does not work and you will get a stack overflow error).

<table>
<thead>
<tr>
<th>Service</th>
<th>Local JNDI Name</th>
<th>Remote JNDI Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAM Config Service</td>
<td>ConfigSession#oracle.beam.config.common.ConfigSession</td>
<td>ConfigSession#oracle.beam.config.common.ConfigSession</td>
</tr>
</tbody>
</table>

2. Create the `BPMForeignJNDIProvider`:

   a. Log in to the WebLogic Console and click `Foreign JNDI providers` in the home page.
b. Click New. Change the name to **BPMForeignJNDIProvider** and click **Next**.

c. Select BAM cluster as the target. Click **Finish**. A Foreign JNDI Provider **BPMForeignJNDIProvider** is created.

d. Click **BPMForeignJNDIProvider**.

e. Under the **General** tab, enter the following properties:

   - **Initial Context Factory**: `weblogic.jndi.WLInitialContextFactory`
   - **Provider URL**: URL for the BPM Servers (for example, `t3://soahost1:8001,soahost2:8001`)

f. Click **Save**.

  **g.** Click the **Links** tab. Create the links for each of the BPM services listed in the table below.

h. Restart the BAM servers.

---

<table>
<thead>
<tr>
<th>Service</th>
<th>Local JNDI Name</th>
<th>Remote JNDI Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>UserMetadataService</td>
<td>UserMetadataService</td>
<td>UserMetadataService</td>
</tr>
<tr>
<td>TaskEvidenceService</td>
<td>TaskEvidenceServiceBean</td>
<td>TaskEvidenceServiceBean</td>
</tr>
<tr>
<td>RuntimeConfigService</td>
<td>RuntimeConfigService</td>
<td>RuntimeConfigService</td>
</tr>
<tr>
<td>BPMProcessModelService</td>
<td><code>ejb/bpm/services/ProcessModelServiceBean</code></td>
<td><code>ejb/bpm/services/ProcessModelServiceBean</code></td>
</tr>
<tr>
<td>BPMProcessMetadataService</td>
<td><code>ejb/bpm/services/ProcessMetadataServiceBean</code></td>
<td><code>ejb/bpm/services/ProcessMetadataServiceBean</code></td>
</tr>
<tr>
<td>BPMProcessDashboardService</td>
<td><code>ejb/bpm/services/ProcessDashboardServiceBean</code></td>
<td><code>ejb/bpm/services/ProcessDashboardServiceBean</code></td>
</tr>
<tr>
<td>BPMProcessAnalyticsServiceBean</td>
<td><code>ejb/bpm/services/ProcessAnalyticsServiceBean</code></td>
<td><code>ejb/bpm/services/ProcessAnalyticsServiceBean</code></td>
</tr>
<tr>
<td>BPMInstanceQueryService</td>
<td><code>ejb/bpm/services/InstanceQueryServiceBean</code></td>
<td><code>ejb/bpm/services/InstanceQueryServiceBean</code></td>
</tr>
<tr>
<td>BPMInstanceManagementService</td>
<td><code>ejb/bpm/services/InstanceManagementServiceBean</code></td>
<td><code>ejb/bpm/services/InstanceManagementServiceBean</code></td>
</tr>
<tr>
<td>BPMUserAuthenticationService</td>
<td><code>ejb/bpm/services/BPMUserAuthenticationServiceBean</code></td>
<td><code>ejb/bpm/services/BPMUserAuthenticationServiceBean</code></td>
</tr>
<tr>
<td>TaskService</td>
<td><code>ejb/bpel/services/workflow/TaskServiceBean</code></td>
<td><code>ejb/bpel/services/workflow/TaskServiceBean</code></td>
</tr>
<tr>
<td>TaskMetadataService</td>
<td><code>ejb/bpel/services/workflow/TaskMetadataServiceBean</code></td>
<td><code>ejb/bpel/services/workflow/TaskMetadataServiceBean</code></td>
</tr>
<tr>
<td>Service</td>
<td>Local JNDI Name</td>
<td>Remote JNDI Name</td>
</tr>
<tr>
<td>---------------------------------------</td>
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<td>-------------------------------</td>
</tr>
<tr>
<td>BPMDataObjectSecurityService</td>
<td>BPMAnalytics#oracle.bp</td>
<td>BPMAnalytics#oracle.bp</td>
</tr>
<tr>
<td></td>
<td>m.metrics.dataobject.security.I</td>
<td>m.metrics.dataobject.security.I</td>
</tr>
<tr>
<td></td>
<td>BPMDataObjectSecurityService</td>
<td>BPMDataObjectSecurityService</td>
</tr>
<tr>
<td></td>
<td>SecurityServiceRemote</td>
<td>SecurityServiceRemote</td>
</tr>
</tbody>
</table>

### 2.4.4 Unresolvable Error When Deleting Views From Project Tree

**Issue**

Bug number: 23236155

When deleting artifacts from a project tree when the Dashboard accessing the same artifact is open causes unresolvable error.

**Workaround**

Delete the artifact after closing the dashboard.

### 2.4.5 Alert Shows Active Even After Import

**Issue**

Bug Number: 26575064

Alert shows active in the Designer tab even after successful project import. The root cause is the alert 'Run As' user does not exist on the target system. The error code Security:090938 is printed in the diagnostic logs.

**Workaround**

None.