

# Oracle Identity Governance Bundle Patch Readme

This document is intended for users of OIM BUNDLE PATCH 14.1.2.1.251017. It contains the following sections:

- [Understanding Bundle Patches](#)
- [Recommendations](#)
- [Bundle Patch Requirements](#)
- [Prerequisites of Applying the Bundle Patch](#)
- [Applying the Bundle Patch to an Existing Instance](#)
- [Applying the Bundle Patch to a New Instance](#)
- [Removing the Bundle Patch](#)
- [Resolved Issues](#)
- [Known Issues and Workarounds](#)
- [Related Documents](#)
- [Documentation Accessibility](#)

## Understanding Bundle Patches

This section describes Bundle Patches and explains differences between Stack Patch Bundles, Bundle Patches, interim patches (also known as one-offs) and Patch Sets.

- [Stack Patch Bundle](#)
- [Bundle Patch](#)
- [Interim Patch](#)
- [Patch Set](#)

## Stack Patch Bundle

Stack Patch Bundle deploys the IDM product and dependent FMW patches using a tool. For more information about these patches, see *Stack Patch Bundle for Oracle Identity Management Products (Doc ID 2657920.2)* at <https://support.oracle.com>.

## Bundle Patch

A Bundle Patch is an official Oracle patch for an Oracle product. In a Bundle Patch release string, the fifth digit indicated the Bundle Patch number. Effective November 2015, the version numbering format has changed. The new format replaces the numeric fifth digit of the bundle version with a release date in the "YYMMDD" format where:

- YY is the last 2 digits of the year
- MM is the numeric month (2 digits)
- DD is the numeric day of the month (2 digits)

Each Bundle Patch includes the libraries and files that have been rebuilt to implement one or more fixes. All the fixes in the Bundle Patch have been tested and are certified to work with one another. Regression testing has also been performed to ensure backward compatibility with all components in the Bundle Patch.

Each Bundle Patch is cumulative: the latest Bundle Patch includes all fixes in earlier Bundle Patches for the same release and platform. Fixes delivered in Bundle Patches are rolled into the next release.

## Interim Patch

In contrast to a Bundle Patch, an interim patch addresses only one issue for a single component. Although each interim patch is an official Oracle patch, it is not a complete product distribution and does not include packages for every component. An interim patch includes only the libraries and files that have been rebuilt to implement a specific fix for a specific component.

Interim patch is also known as, security one-off, exception release, x-fix, PSE, MLR, or hotfix.

## Patch Set

A Patch Set is a mechanism for delivering fully tested and integrated product fixes that can be applied to installed components of the same release. Patch Sets include all fixes available in previous Bundle Patches for the release. A Patch Set can also include new functionality. Each Patch Set includes the libraries and files that have been rebuilt to implement bug fixes (and new functions, if any). However, a patch set might not be a complete software distribution and might not include packages for every component on every platform.

All fixes in the Patch Set have been tested and are certified to work with one another on the specified platforms.

## Recommendations

Oracle has certified the dependent Middleware component patches for Identity Management products and recommends that you apply these certified patches. For more information about these patches, see *Stack Patch Bundle for Oracle Identity Management Products (Doc ID 2657920.2)* at <https://support.oracle.com>.

## Bundle Patch Requirements

You must satisfy the following requirements before applying this Bundle Patch:

- Verify that you are applying this Bundle Patch to an Oracle Identity Governance 14.1.2.1.0 installation.

### Note

When installing OPatch, you might find that interim or one-off patches have already been installed.

- Download the latest version of OPatch. Oracle recommends using the latest version of OPatch to all customers. To learn more about OPatch and how to download the latest version, see *Using OUI NextGen OPatch 13 for Oracle Fusion Middleware 12c /14c (Doc ID 1587524.1)* at <https://support.oracle.com>.

You can access My Oracle Support at <https://support.oracle.com>.

- Verify the Oracle Universal Installer (OUI) Inventory. To apply patches, OPatch requires access to a valid OUI Inventory. To verify the OUI Inventory, ensure that ORACLE\_HOME/OPatch path appears in your system PATH. For example:

```
export PATH=$ORACLE_HOME/OPatch:$PATH
```

Then run the following command in OPatch inventory:

```
opatch lsinventory
```

If the command returns an error or you cannot verify the OUI Inventory, contact Oracle Support. You must confirm the OUI Inventory is valid before applying this Bundle Patch.

- Confirm that the opatch and unzip executables exist and appear in your system PATH, as both are needed to apply this Bundle Patch. Execute the following commands:

```
which opatch
which unzip
```

Both executables must appear in the environment variable PATH before applying this Bundle Patch.

- Ensure that there are no pending JMS messages in Oracle Identity Governance server. You can monitor JMS messages with WebLogic console.

## Prerequisites of Applying the Bundle Patch

Before applying the Bundle Patch, perform the following prerequisites:

- This patch process makes changes to Oracle Identity Governance database schema (such as adding/modifying data), Oracle Identity Governance Meta Data Store (MDS) database schema (such as adding/modifying data), domain configuration changes, and other binary changes in the file system under ORACLE\_HOME on which Oracle Identity Governance is installed. It is mandatory to create a backup of the following:
  - Oracle Identity Governance, MDS, and Service-Oriented Architecture (SOA) database schemas. For example, the database schema can be DEV\_OIM, DEV\_MDS schemas used by Oracle Identity Governance. Simple export of the schemas is sufficient.
  - The ORACLE\_HOME directory on which Oracle Identity Governance is installed, for example, /u01/Oracle/Middleware.
  - Oracle Identity Governance WebLogic Domain location, for example, /u01/Oracle/Middleware/user\_projects/domains/IAMGovernanceDomain/.
  - The UNIX user applying the Bundle Patch must have read, write, and execute permissions on both ORACLE\_HOME as well as WebLogic DOMAIN\_HOME.
- If you have customized the event handler file metadata/iam-features-configservice/event-definition/EventHandlers.xml in your setup, then perform the following steps to ensure that the upgrade does not override any customization done to this file:
  1. Export the metadata/iam-features-configservice/event-definition/EventHandlers.xml file from MDS and create a backup of this file.
  2. After upgrading and running all the post install steps, export the new metadata/iam-features-configservice/event-definition/EventHandlers.xml file, merge your customization to this new file, and import it back to MDS.

### Note

For more information on MDS Utilities, see [Deploying and Undeploying Customizations](#).

## Applying the Bundle Patch to an Existing Instance

Applying OIM BUNDLE PATCH 14.1.2.1.251017 is done in the following stages:

### Note

Before performing the steps to apply the Bundle Patch, create a backup of the database, as stated in [Prerequisites of Applying the Bundle Patch](#) which will help you roll back to the previous release.

- [Understanding the Process Sequence With an Example](#)
- [Stage 1: Patching the Oracle Binaries \(OPatch Stage\)](#)
- [Stage 2: Filling in the patch\\_oim\\_wls.profile File](#)
- [Stage 3: Patching the Oracle Identity Governance Managed Servers \(patch\\_oim\\_wls Stage\)](#)

## Understanding the Process Sequence With an Example

If you have ORACLE\_HOME\_A and ORACLE\_HOME\_B, and ORACLE\_HOME\_A is running WebLogic Admin Server, oim\_server1, and soa\_server1, and ORACLE\_HOME\_B is running oim\_server2 and soa\_server2, then the following is the process sequence to apply the Bundle Patch to the Oracle Identity Governance instance:

1. Shutdown the Oracle Identity Governance managed servers, the SOA managed servers and the Admin Server in this order.
2. Run 'opatch apply' on ORACLE\_HOME\_A. See [Stage 1: Patching the Oracle Binaries \(OPatch Stage\)](#) for more information.
3. Run 'opatch apply' on ORACLE\_HOME\_B. See [Stage 1: Patching the Oracle Binaries \(OPatch Stage\)](#) for more information.
4. Fill-in the patch\_oim\_wls.profile file and run patch\_oim\_wls script on ORACLE\_HOME\_A with WebLogic Admin Server, oim\_server1, and soa\_server1 running.

See [Stage 2: Filling in the patch\\_oim\\_wls.profile File](#) for information on filling in the patch\_oim\_wls.profile.

See [Stage 3: Patching the Oracle Identity Governance Managed Servers \(patch\\_oim\\_wls Stage\)](#) for information about running patch\_oim\_wls script.

5. Restart the managed servers on all the nodes.

## Stage 1: Patching the Oracle Binaries (OPatch Stage)

This section describes the process of applying the binary changes by copying files to the ORACLE\_HOME directory, on which Oracle Identity Governance is installed. This step must be executed for each ORACLE\_HOME in the installation topology nodes irrespective of whether Oracle Identity Governance server is being run in the node or not.

Perform the following steps to apply the bundle patch to an existing Oracle Identity Governance instance:

1. Stop all Oracle Identity Governance managed servers, all SOA managed servers and the Admin Server in this order.
2. Create a directory for storing the unzipped bundle patch. This document refers to this directory as PATCH\_TOP.
3. Unzip the patch zip file in to the PATCH\_TOP directory you created in step 2 by using the following command:

```
unzip -d PATCH_TOP p38552250_14.1.2.1.0_Generic.zip
```

**Note**

On Windows, the unzip command has a limitation of 256 characters in the path name. If you encounter this issue, use an alternate ZIP utility, for example 7-Zip to unzip the zip file.

Run the below command to unzip the file:

```
"c:\Program Files\7-Zip\7z.exe" x  
p38552250_14.1.2.1.0_Generic.zip
```

4. Move to the directory where the patch is located. For example:

```
cd PATCH_TOP/38552250
```

5. Set the ORACLE\_HOME directory in your system. For example:

```
export ORACLE_HOME=/u01/Oracle/Middleware
```

6. Ensure that the OPatch executables are present in your system PATH. To update the PATH environment variable to include the path of Opatch directory, run the following command:

```
export PATH=$ORACLE_HOME/OPatch:$PATH
```

7. Apply the bundle patch to the ORACLE\_HOME using the following command for Oracle Identity Governance:

```
opatch apply
```

**Note**

If OPatch fails with error code 104, cannot find a valid oraInst.loc file to locate Central Inventory, include the -invPtrLoc argument, as follows:

```
opatch apply -invPtrLoc ORACLE_HOME/oraInst.loc
```

When OPatch starts, it will validate the patch and ensure there are no conflicts with the software already installed in the ORACLE\_HOME. OPatch categorizes two types of conflicts:

- Conflicts with a patch already applied to the ORACLE\_HOME. In this case, stop the patch installation and contact Oracle Support.
- Conflicts with subset patch already applied to the ORACLE\_HOME. In this case, continue the install, as the new patch contains all the fixes from the existing patch in the ORACLE\_HOME. The subset patch will automatically be rolled back prior to the installation of the new patch.

**Note**

For clustered and multi-node installation of Oracle Identity Governance, this step must be run on all the ORACLE\_HOME directories on which Oracle Identity Governance is installed.

8. Start all the servers in the OIG domain, which are the Admin Server, SOA Server, and Oracle Identity Governance Server.

## Stage 2: Filling in the patch\_oim\_wls.profile File

Using a text editor, edit the file patch\_oim\_wls.profile located in the ORACLE\_HOME/idm/server/bin/ directory and change the values in the file to match your environment. The patch\_oim\_wls.profile file contains sample values.

**Note**

For clustered and multinode installation of Oracle Identity Governance, perform the step described in this topic on the ORACLE\_HOME\_A directory on which Oracle Identity Governance is installed. This is because you need to run the patch\_oim\_wls script from the node with WebLogic Admin Server, oim\_server1, and soa\_server1 installed. In the patch\_oim\_wls.profile file, mention the host and port of the Oracle Identity Governance server and SOA server running on the first node. When you run the script, only WebLogic Admin Server, oim\_server1, and soa\_server1 should be running, and the rest of the servers can be down.

[Table 1-1](#) lists the information to be entered for the `patch_oim_wls.profile` file. This file is used in next stage of the Bundle Patch process.

**Table 1-1 Parameters of the `patch_oim_wls.profile` File**

| Parameter                        | Description                                                                                           | Sample Value                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <code>ant_home</code>            | Location of the ANT installation. It is usually under <code>MW_HOME</code> .                          | For Linux: <code>%MW_HOME%\oracle_common\modules\third party\org.apache.ant\apache-ant</code><br>For Windows: <code>%MW_HOME%\oracle_common\modules\third party\org.apache.ant\apache-ant</code> |
| <code>java_home</code>           | Location of the JDK/JRE installation that is being used to run the Oracle Identity Governance domain. | For Linux: <code>&lt;JAVA_HOME_PATH&gt;</code> consumed by <code>\$MW_HOME</code><br>For Windows: <code>&lt;JAVA_HOME_PATH&gt;</code> consumed by <code>%MW_HOME%</code>                         |
| <code>mw_home</code>             | Location of the Middleware home on which Oracle Identity Governance is installed.                     | For Linux: <code>/u01/Oracle/Middleware</code><br>For Windows: <code>C:\Oracle\MW_HOME\</code>                                                                                                   |
| <code>oim_oracle_home</code>     | Location of the Oracle Identity Governance installation.                                              | For Linux: <code>\$MW_HOME/ldm</code><br>For Windows: <code>%MW_HOME%\ldm</code>                                                                                                                 |
| <code>soa_home</code>            | Location of the SOA installation.                                                                     | For Linux: <code>\$MW_HOME/soa</code><br>For Windows: <code>%MW_HOME%\soa</code>                                                                                                                 |
| <code>weblogic.server.dir</code> | Directory on which WebLogic server is installed.                                                      | For Linux: <code>\$MW_HOME/wlserver</code><br>For Windows: <code>%MW_HOME%\wlserver</code>                                                                                                       |
| <code>domain_home</code>         | Location of the domain home on which Oracle Identity Governance is installed.                         | For Linux: <code>\$MW_HOME/user_projects/domains/base_domain</code><br>For Windows: <code>%MW_HOME%\user_projects\domains\base_domain</code>                                                     |
| <code>weblogic_user</code>       | Domain administrator username. Normally it is "weblogic" but could be different as well.              | weblogic                                                                                                                                                                                         |
| <code>weblogic_password</code>   | Domain admin user's password. If this line is commented out, then password will be prompted.          | NA                                                                                                                                                                                               |

Table 1-1 (Cont.) Parameters of the patch\_oim\_wls.profile File

| Parameter | Description                                                                                             | Sample Value        |
|-----------|---------------------------------------------------------------------------------------------------------|---------------------|
| soa_host  | Listen address of the SOA Managed Server, or the hostname on which the SOA Managed Server is listening. | oimhost.example.com |

**Note**  
If the SOA Managed Server is not started, the SOA Managed Server will not be able to start.

Table 1-1 (Cont.) Parameters of the patch\_oim\_wls.profile File

| Parameter | Description | Sample Value                                                                                                                                                                                                                        |
|-----------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           |             | virtual<br>a<br>l<br>P<br>a<br>d<br>d<br>r<br>e<br>s<br>s<br>,<br>t<br>h<br>e<br>n<br>t<br>h<br>e<br>v<br>i<br>r<br>t<br>u<br>a<br>l<br>h<br>o<br>s<br>t<br>n<br>a<br>m<br>e<br>m<br>u<br>s<br>t<br>b<br>e<br>s<br>u<br>p<br>p<br>l |

**Table 1-1 (Cont.) Parameters of the patch\_oim\_wls.profile File**

| Parameter                | Description                                                                                                                                              | Sample Value                                       |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
|                          |                                                                                                                                                          | i<br>e<br>d<br>.                                   |
| soa_port                 | Listen port of the SOA Managed Server, or SOA Managed Server port number.                                                                                | 8001<br>Only Non-SSL Listen port must be provided. |
| operationsDB.user        | Oracle Identity Governance database schema user.                                                                                                         | DEV_OIM                                            |
| OIM.DBPassword           | Oracle Identity Governance database schema password. If this line is commented out, then the password will be prompted when the script is executed.      | NA                                                 |
| operationsDB.host        | Hostname of the Oracle Identity Governance database.                                                                                                     | oimdbhost.example.com                              |
| operationsDB.serviceName | Database service name of the Oracle Identity Governance schema/database. This is not the hostname and it can be a different value as well.               | oimdb.example.com                                  |
| operationsDB.port        | Database listener port number for the Oracle Identity Governance database.                                                                               | 1521                                               |
| mdsDB.user               | MDS schema user                                                                                                                                          | DEV_MDS                                            |
| mdsDB.password           | MDS schema password. If this line is commented out, then password will be prompted.                                                                      | NA                                                 |
| mdsDB.host               | MDS database hostname                                                                                                                                    | oimdbhost.example.com                              |
| mdsDB.port               | MDS database/Listen port                                                                                                                                 | 1521                                               |
| mdsDB.serviceName        | MDS database service name                                                                                                                                | oimdb.example.com                                  |
| oim_username             | Oracle Identity Governance username.                                                                                                                     | System administrator username                      |
| oim_password             | Oracle Identity Governance password. This is optional. If this is commented out, then you will be prompted for the password when the script is executed. | NA                                                 |
| oim_serverurl            | URL to navigate to Oracle Identity Governance.                                                                                                           | t3://<br>oimhost.example.com:14000                 |

**Table 1-1 (Cont.) Parameters of the patch\_oim\_wls.profile File**

| Parameter                             | Description                                                                                                                                                                                                                                                                                                              | Sample Value                            |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| wls_serverurl                         | URL to navigate to WLS Console                                                                                                                                                                                                                                                                                           | t3://<br>wlshost.example.com:7001       |
| opss_customizations_present<br>=false | Enables customizations related to authorization or custom task flow. Set this value to true to enable customization.                                                                                                                                                                                                     | true                                    |
| ATP-D                                 | Set the value to false if DB type is not ATP-D. Set this to true if underlying DB type is ATP-D.                                                                                                                                                                                                                         | true                                    |
| TNS_ADMIN                             | Set this value only if the value of ATP-D is true. Set this value to the TNS String as provided by DB Admin, for example, fmwatpdedic2_tp? TNS_ADMIN=/home/opc. Here, /home/opc is the path of the wallet zip that is downloaded. If you are using some other predefined service, then provide the path to that service. | fmwatpdedic2_tp?<br>TNS_ADMIN=/home/opc |

**Note**

Update the parameter value as per the setup used and then execute the patch\_oim\_wls.sh file.

## Stage 3: Patching the Oracle Identity Governance Managed Servers (patch\_oim\_wls Stage)

Patching the Oracle Identity Governance managed servers is the process of copying the staged files in the previous steps to the correct locations, running SQL scripts and importing event handlers and deploying SOA composite. For making MBean calls, the script automatically starts the Oracle Identity Governance Managed Server and SOA Managed Server specified in the patch\_oim\_wls.profile file.

This step is performed by running patch\_oim\_wls.sh (on UNIX) **or** patch\_oim\_wls.bat (on Microsoft Windows) script by using the inputs provided in the patch\_oim\_wls.profile file. As prerequisites, the WebLogic Admin Server, SOA Managed Servers, and Oracle Identity Governance Managed Server must be running.

**Note**

For clustered and multinode installation of Oracle Identity Governance, perform the steps described in this topic on the ORACLE\_HOME\_A directory on which Oracle Identity Governance is installed. In other words, run the patch\_oim\_wls script from the node with WebLogic Admin Server, oim\_server1, and soa\_server1 installed. When you run the script, only WebLogic Admin Server, oim\_server1, and soa\_server1 should be running, and the rest of the servers can be down.

To patch Oracle Identity Governance Managed Servers on WebLogic:

1. Make sure that the WebLogic Admin Server, SOA Managed Servers, and Oracle Identity Governance Managed Server are running.
2. Set the following environment variables:

For LINUX or Solaris, set the JAVA\_HOME environment variable:

```
export JAVA_HOME=<JAVA_HOME_PATH>
export PATH=$JAVA_HOME/bin:$PATH
```

For Microsoft Windows:

```
set JAVA_HOME=<JAVA_HOME_PATH>
set ANT_HOME=\PATH_TO_ANT_DIRECTORY\ant
set ORACLE_HOME=%MW_HOME%\idm
```

**Note**

Make sure to set the reference to JDK binaries in your PATH before running the patch\_oim\_wls.sh (on UNIX) or patch\_oim\_wls.bat (on Microsoft Windows) script. This JAVA\_HOME must be of the same version that is being used to run the WebLogic servers. The JAVA\_HOME version from /usr/bin/ or the default is usually old and must be avoided. You can verify the version by running the following command:

```
java -version
```

3. Execute patch\_oim\_wls.sh (on UNIX) or patch\_oim\_wls.bat (on Microsoft Windows) to apply the configuration changes to the Oracle Identity Governance server. On Linux systems, you must run the script in a shell environment using the following command:

```
sh patch_oim_wls.sh
```

**Note**

For EDG implementations, this script must be run against the mserver domain directory rather than the server domain directory.

4. Clear the following folders from the Oracle Identity Governance domain:

`$DOMAIN_HOME/servers/<oig_managed_server>/tmp`

`$DOMAIN_HOME/servers/<oig_managed_server>/stage`

`$DOMAIN_HOME/servers/<oig_managed_server>/cache`

Here, the `<oig_managed_server>` is the name of the WebLogic managed server used for Oracle Identity Governance.

5. To verify that the `patch_oim_wls` script has completed successfully, check the `ORACLE_HOME/idm/server/bin/patch_oim_wls_YYYY-MM-DD_hh-mm-ss.log` log file.

**Note**

On running the `patch_oim_wls` script, the `$DOMAIN_HOME/servers/MANAGED_SERVER/security/boot.properties` file might be deleted. If you use a script to start the Managed Server and use the `boot.properties` file to eliminate the need of entering the password in the script, then create a new `boot.properties` file.

In an EDG environment, the `boot.properties` file is in `MSERVER_HOME/servers/MANAGED_SERVER/security`.

6. Stop and start WebLogic Admin Server, SOA Server, and Oracle Identity Governance Server.
  - Shutting down Oracle Identity Governance server might take a long time if it is done with `force=false` option. It is recommended that you force shutdown Oracle Identity Governance server.
  - The `patch_oim_wls` script is re-entrant and can be run again if a failure occurs.

## Applying the Bundle Patch to a New Instance

Perform the following steps to apply the Bundle Patch to a new instance:

- [Installing a New Oracle Identity Governance Instance with OIM BUNDLE PATCH 14.1.2.1.251017](#)

## Installing a New Oracle Identity Governance Instance with OIM BUNDLE PATCH 14.1.2.1.251017

You can install a new Oracle Identity Governance instance with the Bundle Patch in any one of the following ways:

- [Using the Quickstart Installer](#)
- [Using the Generic Installer](#)

## Using the Quickstart Installer

To install a new instance of Oracle Identity Governance with the Bundle Patch by using the Quickstart installer:

### Note

For clustered deployments, perform the steps provided in this section on each node in the cluster.

1. Start the installation by referring to [Installing Oracle Identity Governance Using Quickstart Installer](#) of *Installing and Configuring Oracle Identity and Access Management*. Before creating the database schema, apply the patch by using OPatch, as described in [Stage 1: Patching the Oracle Binaries \(OPatch Stage\)](#). Then, continue with schema creation.

### Note

It is recommended that this step is performed before creating or extending the domain with Oracle Identity Governance.

2. Create the domain by launching the configuration wizard, as specified in [Configuring the Domain](#) of *Installing and Configuring Oracle Identity and Access Management*.
3. Run the `offlineConfigManager` command to perform post configuration tasks. See [Running the Offline Configuration Command](#) in *Installing and Configuring Oracle Identity and Access Management*.
4. Start the WebLogic Admin Server, SOA Server, and OIG server.
5. Verify that you are able to log in to Oracle Identity Self Service or Oracle Identity System Administration.
6. Login to Oracle Enterprise Manager Fusion Middleware Control, and invoke the `OIMSOAIntegrationMBean` to integrate OIG with SOA. See [Integrating Oracle Identity Governance with Oracle SOA Suite](#) in *Installing and Configuring Oracle Identity and Access Management*.

## Using the Generic Installer

To install a new instance of Oracle Identity Governance with the Bundle Patch by using the generic installer:

**Note**

For clustered deployments, perform the steps provided in this section on each node in the cluster.

1. Start the installation by referring to [Traditional Method](#) of *Installing and Configuring Oracle Identity and Access Management*. Before creating the database schema, apply the patch by using OPatch, as described in [Stage 1: Patching the Oracle Binaries \(OPatch Stage\)](#). Then, continue with schema creation.

**Note**

It is recommended that this step is performed before creating or extending the domain with Oracle Identity Governance.

2. Create the domain by launching the configuration wizard, as specified in [Configuring the Domain](#) of *Installing and Configuring Oracle Identity and Access Management*.
3. Run the `offlineConfigManager` command to perform post configuration tasks. For details, see [Running the Offline Configuration Command](#) in *Installing and Configuring Oracle Identity and Access Management*.
4. Start the WebLogic Admin Server, SOA Server, and OIG server.
5. Verify that you are able to log in to Oracle Identity Self Service or Oracle Identity System Administration.
6. Log in to Oracle Enterprise Manager Fusion Middleware Control and invoke the `OIMSOAIntegrationMBean` to integrate OIG with SOA. See [Integrating Oracle Identity Governance with Oracle SOA Suite](#) in *Installing and Configuring Oracle Identity and Access Management*.

## Removing the Bundle Patch

If you must remove the Bundle Patch after it is applied, then perform the following steps:

**Note**

For clustered installations, perform steps 1 through 3 on all nodes in the cluster.

1. Perform the same verification steps and requirement checks that you made before applying the Bundle Patch. For example, backup the XML files and import them to

a different location, verify the OUI Inventory and stop all services running from the ORACLE\_HOME.

2. Move to the directory where the Bundle Patch was unzipped. For example:

```
cd PATCH_TOP/38552250
```

3. Run OPatch as follows to remove the Bundle Patch:

```
opatch rollback -id 38552250
```

4. Restore ORACLE\_HOME and the WebLogic domain home.

5. Restore the Oracle Identity Governance database using the backup you created in Step 1 of [Applying the Bundle Patch to an Existing Instance](#).

## Resolved Issues

The following section lists the issues resolved in Release 14.1.2.1.0:

- [Resolved Issues in OIM BUNDLE PATCH 14.1.2.1.251017](#)
- [Resolved Issues in OIM BUNDLE PATCH 14.1.2.1.250708](#)
- [Resolved Issues in OIM BUNDLE PATCH 14.1.2.1.250328](#)

## Resolved Issues in OIM BUNDLE PATCH 14.1.2.1.251017

Applying this Bundle Patch resolves the issues described in the following table.

**Table 1-2 Resolved Issues in OIM BUNDLE PATCH 14.1.2.1.251017**

| Bug      | Description                                                                   |
|----------|-------------------------------------------------------------------------------|
| 38264329 | CVE-2025-61757                                                                |
| 37738142 | TRACK REQUEST SHOWS PAGE FULL OF SAME REQUEST                                 |
| 38206487 | UNREGISTERED EVENT HANDLERS ARE TRYING TO BE RUN AND FAIL                     |
| 35782191 | TESTING AD CONNECTOR VIA AOB. CONNECTION FAILS. NEED BETTER (CLEARER) MESSAGE |
| 37929656 | ACCOUNT CONTEXT MENU INCONSISTENCY IN GERMAN LANGUAGE                         |
| 38011656 | PROXY EDIT ALLOWS OVERLAPPING DATES                                           |
| 38211304 | JOBS NOT GETTING INTERRUPTED/ COMPLETED EVEN AFTER DOING CLEAN RESTART        |

**Table 1-2 (Cont.) Resolved Issues in OIM BUNDLE PATCH 14.1.2.1.251017**

| Bug      | Description                                                                                      |
|----------|--------------------------------------------------------------------------------------------------|
| 38243277 | CERTIFICATION ELEVATED USER (CERTIFICATIONADMINUSER) IS ABLE TO SELF CERTIFY                     |
| 38235447 | DISCONNECTED APP ENTITLEMENT IS GETTING REMOVED BEFORE REVOKE MFT IS COMPLETED                   |
| 37233015 | 508: GROUP ASSOCIATION FOR ADF COMPONENTS OF OIG/OIM UI PAGES                                    |
| 38145967 | DUPLICATE OUD ACCOUNTS CREATED ON RETRY OF FAILED RECONCILIATION EVENTS IN OIG                   |
| 37943741 | POLICY VIOLATION IS NOT RAISED FOR ROLES AND ACCOUNTS FOR INFLIGHT REQUESTS.                     |
| 38070770 | ATPD 23AI DURING OIM SCHEMA CREATION USING RCU NOTICIED ERROR ORA-01031: INSUFFICIENT PRIVILEGES |
| 38197180 | SET ACCESS POLICY EVALUATE FLAG WHEN USER IS ENABLED AND RESOURCE DEPENDENCY IS SETUP            |
| 37472016 | SCHEDULER JOBS OCCASIONALLY FIRE TWICE SINCE INSTALLING<br>IDM_SPB_12.2.1.4.240415               |
| 38077593 | OJET PAGES ARE LOADING FOR END USERS WITH OUT ANY PRIVILEGES                                     |
| 38078989 | ACCESS POLICY FAILS TO PROVISION DEPENDENT APPLICATION WHEN THE START DATE IS FUTURE             |
| 38001573 | NO FORM ASSOCIATED WITH THE PROVISIONING PROCESS OF THE PROVISIONED RESOURCE                     |
| 37985881 | BULK LOAD UTILITY FOR GOOGLE APPS FAILS WITH "ORA-00907: MISSING RIGHT PARENTHESIS" ERROR        |
| 37774569 | CUSTOM UDFS TAKE PREVIOUS VALUES ON CERT PAGE IF THE CURRENT VALUE IS BLANK                      |
| 38040150 | FUTURE START DATE CAUSES OIG TRUSTED RECON FAILURE AND DUPLICATE OUD PROVISIONING                |
| 38023420 | ENTITLEMENT CERTIFICATION FAILS FOR DYNAMIC ORG                                                  |
| 37984958 | HOW TO CONFIGURE OAM/OIM INTEGRATION WHEN NO OAP IS USED.                                        |
| 37926326 | EVAL USER POLICY ATTEMPTING TO DISABLE TARGETS THAT DO NOT SUPPORT DISABLE                       |

**Table 1-2 (Cont.) Resolved Issues in OIM BUNDLE PATCH 14.1.2.1.251017**

| Bug      | Description                                                                      |
|----------|----------------------------------------------------------------------------------|
| 37479113 | ERROR!!RECON DATA PURGE CANNOT BE COMPLETED DUE TO EXCEEDING THE THRESHOLD VALUE |
| 37564661 | RESET PASSWORD FOR XELSYSADM FAILS WHEN LDAPADMINUSER HAS SPACE CHARACTER        |
| 37288812 | DAYS BETWEEN RUNS REMAINS EMPTY AFTER OCT 24 SPB                                 |

## Resolved Issues in OIM BUNDLE PATCH 14.1.2.1.250708

Applying this Bundle Patch resolves the issues described in the following table.

**Table 1-3 Resolved Issues in OIM BUNDLE PATCH 14.1.2.1.250708**

| Bug      | Description                                                                                     |
|----------|-------------------------------------------------------------------------------------------------|
| 37912966 | PROV TASKS GOES REJECTED STATUS WHEN THE VALUE IS REMOVED FROM DATE FIELDS (SSO SETUP)          |
| 37593041 | USER CERTIFICATION JOBS ARE FAILING                                                             |
| 37916124 | ADDING CUSTOM FIELDS TO APPLICATION SCHEMA IS FAILING                                           |
| 37949703 | ROLE CERT REPORTS SHOWING INVALID DATA AFTER OCT 24 STACK PATCH BUNDLE                          |
| 37838929 | Fix for Bug 37838929                                                                            |
| 36460208 | UI- ISS APPLICATION AND SYSTEM CONFIGURATION LIMITED TO A SMALL FRAME WINDOW.                   |
| 37603463 | OIG12CPS4: PROBLEM WITH ASSIGNING A GROUP OF ACCEPTANCE WHEN HAVING A PROXY                     |
| 37604877 | DISABLE JOB RUNS AUTOMATICALLY OFTEN                                                            |
| 37623243 | CONNECTOR ERRORS ARE NOT BEING LOGGED                                                           |
| 37815446 | IGNORE RESOURCE LIST FOR ENTITLEMENT LIST JOB IS NOT WORKING                                    |
| 37640708 | CERTS "PREVENT SELF CERTIFICATION" NOT WORK FOR ENTITLEMENT TYPE CERTIFICATION WITH PROXY USERS |
| 37567925 | ACC: OATB TABLE HAS ERRORS IN CERTIFICATION DASHBOARD                                           |
| 36575454 | MANUAL FULFILLMENT TASKS GOING TO "STALE" STATE                                                 |

**Table 1-3 (Cont.) Resolved Issues in OIM BUNDLE PATCH 14.1.2.1.250708**

| Bug      | Description                                                                                    |
|----------|------------------------------------------------------------------------------------------------|
| 37235779 | GENERIC REST CONNECTOR THROWS GENERIC MESSAGE FOR 409 EXCEPTIONS                               |
| 37263547 | CUSTOM UDFS DON'T CHANGE VALUE ON THE CERTIFICATION USER DETAIL PAGE                           |
| 37659461 | USER PROXIES ALLOWS OVERLAPPING DATES FOR MANAGER AND OTHER TYPE PROXIES                       |
| 37810395 | PASSWORD RESET POPUP - PROPOSAL TO IMPROVE CLARITY                                             |
| 37790603 | UPDATE OF START DATE AND END DATE TRIGGERING DUPLICATE PROV TASKS IN OIM-OAM ENV               |
| 34812616 | USER WITH ADMIN ROLE IS UNABLE TO LOCK/UNLOCK USERS IN OIM.                                    |
| 36874561 | ASTERISK SIGN AND HEADING ARE NOT COMPLIANT WITH WCAG 2.1 LEVEL A 1.3.1INFO AND RELATIONSHIPS  |
| 37203068 | MANUALLY LOCKED USERS BEING UPDATED FROM OUD TRUSTED RECON                                     |
| 37349902 | OIG12CPS4:DIAGNOSTIC_MAINT JOB IS NOT PURGING DATA ON DIAG_LOG AND DIAG_LOG_DTLS               |
| 37461743 | APPROVAL TASK OF APPROVAL DETAILS SECTION ARE NOT GETTING LOADED ON REFRESHING REQUEST PAGE    |
| 37639701 | ACCESSIBILITY ISSUES: KEYBOARD NAVIGATION NOT WORKING AS EXPECTED                              |
| 37651931 | 37197658 REGRESSION: WHEN REMEDIATOR ROLE SET IS DELETED, IDA POLICY DO NOT OPEN ON UI.        |
| 37386262 | QUERY BY EXAMPLE IS NOT ENABLED FOR ACCOUNT STATUS COLUMN IN USERS PAGE                        |
| 37257293 | MODIFYING THE 'USE BULK' FLAG DOES NOT MAKE ANY CHANGES IN THE BACKGROUND                      |
| 37473491 | ROLEUSERMEMBERSHIPRULESQLSUPPORTED SHOULD NOT LIMITED TO ACTIVE USERS                          |
| 37008610 | SSO GROUP MEMBERSHIP INCREMENTAL RECON DOESN'T WORK FOR ALL SPECIAL CHARACTERS                 |
| 36891740 | OIG12CPS4: AOB UI DOES NOT PROVIDE SEPARATE REQUIRED/OPTIONAL OPTION FOR RECONCILIATION FIELDS |

**Table 1-3 (Cont.) Resolved Issues in OIM BUNDLE PATCH 14.1.2.1.250708**

| Bug      | Description                                                                      |
|----------|----------------------------------------------------------------------------------|
| 37465786 | ADDING "STATUS" COLUMN IN HOMEPAGE WORKFLOW FOR DIRECT REPORTS CAUSES DUPLICATES |

## Resolved Issues in OIM BUNDLE PATCH 14.1.2.1.250328

Applying this Bundle Patch resolves the issues described in the following table.

**Table 1-4 Resolved Issues in OIM BUNDLE PATCH 14.1.2.1.250328**

| Bug      | Description                                                                             |
|----------|-----------------------------------------------------------------------------------------|
| 37621708 | FMW 14121 : OIM : SYSADMIN PAGE : HELP PAGE IN LOGIN SCREEN : COPYRIGHT UPDATE REQUIRED |
| 37621784 | FMW 14121 : OIM : IDENTITY PAGE : HELP PAGE IN LOGIN SCREEN : COPYRIGHT UPDATE REQUIRED |

## Known Issues and Workarounds

Known issues and their workarounds in Oracle Identity Governance Release 14.1.2 are described in the Oracle Identity Governance chapter of the *Release Notes for Oracle Identity Management* document. You can access the Release Notes document in the Oracle Identity Management Documentation library at the following URL:

<https://docs.oracle.com/en/middleware/idm/suite/14.1.2/idmrn/index.html>

### Note

Some known issues listed in the Release Notes for Oracle Identity Management may have been resolved by this Bundle Patch. Compare the issues listed in [Resolved Issues](#) of this document when reviewing the *Release Notes for Oracle Identity Management*.

This section describes the issues and workarounds in this BP release of Oracle Identity Governance:

- [ANT Location Updated for Windows](#)

## ANT Location Updated for Windows

For Windows, before running patch\_oim\_wls.bat, the ANT location must be updated from

```
%MW_HOME%  
\\oracle_common\modules\thirdparty\org.apache.ant\1.10.5.0\apache-ant-1.10.5
```

to the following location:

```
%MW_HOME%\\oracle_common\modules\thirdparty\org.apache.ant\apache-ant.
```

## Related Documents

For more information, see the following resources:

- Following is the list of guides for this release:
  - [Administering Oracle Identity Governance](#)
  - [Developing and Customizing Applications for Oracle Identity Governance](#)
  - [Upgrading Oracle Identity Manager](#)
  - [Performing Self Service Tasks with Oracle Identity Governance](#)
- This contains documentation for all Oracle Fusion Middleware 14c products.  
[Oracle Fusion Middleware Documentation](#)
- This site contains additional documentation that is not included as part of the documentation libraries.  
[Oracle Technology Network](#)

## Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

## Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

---

Oracle Fusion Middleware Oracle Identity Governance Bundle Patch Readme, OIM Bundle Patch 14.1.2.1.251017  
G36971-02

Copyright © 2025, Oracle and/or its affiliates. All rights reserved.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software, software documentation, data (as defined in the Federal Acquisition Regulation), or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs) and Oracle computer documentation or other Oracle data delivered to or accessed by U.S. Government end users are "commercial computer software," "commercial computer software documentation," or "limited rights data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, reproduction, duplication, release, display, disclosure, modification, preparation of derivative works, and/or adaptation of i) Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs), ii) Oracle computer documentation and/or iii) other Oracle data, is subject to the rights and limitations specified in the license contained in the applicable contract. The terms governing the U.S. Government's use of Oracle cloud services are defined by the applicable contract for such services. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle®, Java, MySQL, and NetSuite are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Inside are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Epyc, and the AMD logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information about content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.