Oracle® Fusion Middleware

Oracle Unified Directory Bundle Patch Readme

12c (12.2.1.3.190522)

F20425-01

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Oracle Unified Directory Bundle Patch Readme

This document describes Bundle Patch 12c Release (12.2.1.3.190522) for Oracle Unified Directory.

This document requires base installation of Oracle Unified Directory 12c. It contains the following sections:

- Understanding Bundle Patches
- Bundle Patch Requirements
- Before Applying the Bundle Patch
- Using the Oracle Patch Mechanism (Opatch)
- Applying the Bundle Patch
- After Applying the Bundle Patch
- Creating the File based Access Control Log Publisher
- Removing the Bundle Patch
- Resolved Issues
- Known Issues and Workarounds
- Documentation Updates
- Related Documents
- Documentation Accessibility

Understanding Bundle Patches

This section describes bundle patches and explains differences between bundle patches, interim patches (also known as patch set exceptions), and patch sets.

- Bundle Patch
- Interim Patch
- Patch Set

Bundle Patch

A bundle patch is an official Oracle patch for Oracle Unified Directory. 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 form "YYMMDD" 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 libraries and files that have been rebuilt to implement one or more fixes. All of the fixes in a bundle patch are tested and certified to work with one another. Each bundle patch is cumulative. That is, the latest bundle patch includes all fixes in earlier bundle patches for the same release.

Interim Patch

In contrast to a bundle patch, an interim patch addressed only one issue for a single component. Although each interim patch was an official Oracle patch, it was not a complete product distribution and did not include packages for every component. An interim patch included only the libraries and files that had been rebuilt to implement a specific fix for a specific component.

You may also know an interim patch 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. A patch set can 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 of the fixes in a patch set are tested and certified to work with one another on the specified platforms.

Bundle Patch Requirements

This section describes the OUD bundle patch requirements for this release.

Complete the following steps before you apply or remove the bundle patch:

- Verify and update the OPatch version to 13.9.4.0.0.
    1. Access and log into My Oracle Support at the following location:

        https://support.oracle.com/

2. In the Search Knowledge Base field, enter **1587524.1**. This is the ID of the document that describes Using OUI NextGen OPatch 13 for Oracle Fusion Middleware 12c.

3. In the search results, click the link corresponding to document ID **1587524.1**.

4. In the document, click the **Patch 28186730** link which will take you to the screen where you can obtain the OPatch 13.9.4.0.0.

- Verify the OUI Inventory:

  OPatch needs access to a valid OUI inventory to apply patches. Validate the OUI inventory with the following commands:

  Unix

  ```
  $ opatch lsinventory
  ```

  Windows

  ```
  opatch.bat lsinventory
  ```

  If the command throws errors than contact Oracle Support and work to validate and verify the inventory setup before proceeding.

- Confirm the executables appear in your system `PATH`.

  Unix

  ```
  $ which opatch
  $ which unzip
  ```

  Windows
  ```
  where opatch.bat
  where unzip
  ```

  If the command errors out, contact Oracle Support and work to validate and verify the inventory setup before proceeding.If either of these executables do not show in the `PATH`, correct the problem before proceeding.

- Create a location for storing the unzipped patch. This location will be referred to later in the document as `PATCH_TOP`.

Before Applying the Bundle Patch

This section describes the requirements before applying the bundle patch.

The following are the prerequisites before applying this bundle patch:

1. Prepare the application server instance for patching OUDSM.

   Stop the Administration Server (the WebLogic domain used for OUDSM).

   > **Note:**
   >
   > You must read about the OUDSM auto redeployment instructions in Documentation Updates before applying this bundle patch.

2. Set `ORACLE_HOME` environment variable to Oracle Middleware Home Location (under which OUD is installed).

   For example:

   Unix

   ```
   $ <bash> export ORACLE_HOME="Oracle Middleware Home Location"
   ```

   Windows

   ```
   <prompt> set ORACLE_HOME="Oracle Middleware Home Location"
   ```

3. Verify that `ORACLE_HOME` is set correctly by running the following command.

   Unix

   ```
   ls $ORACLE_HOME/OPatch/opatch
   ```

   Windows

   ```
   dir %ORACLE_HOME%\OPatch\opatch.bat
   ```

> **✎ Note:**
>
> See Understanding the Oracle Unified Directory Installation Directories to know about OUD installation directories.

Using the Oracle Patch Mechanism (Opatch)

> **✎ Note:**
>
> You must have the latest version of Opatch (version 13.9.4.0.0) from My Oracle Support. Opatch requires access to a valid Oracle Universal Installer (OUI) Inventory to apply patches.

The patching process uses both unzip and Opatch executables. After sourcing the `ORACLE_HOME` environment, Oracle recommends that you confirm that both of these exist before patching. Opatch is accessible at:

```
$ORACLE_HOME/OPatch/opatch
```

When Opatch starts, it validates the patch to ensure there are no conflicts with the software already installed in your $ORACLE_HOME:

- If you find conflicts with a patch already applied to the $ORACLE_HOME, stop the patch installation and contact Oracle Support Services.

- If you find conflicts with a subset patch already applied to the $ORACLE_HOME, continue Bundle Patch application. The subset patch is automatically rolled back before installation of the new patch begins. The latest Bundle Patch contains all fixes from the previous Bundle Patch in $ORACLE_HOME.

This Bundle Patch is not `-auto` flag enabled. Without the `-auto` flag, no servers need to be running. The Machine Name & Listen Address can be blank on a default install.

> ✏ **See Also:**
>
> Oracle Universal Installer and Opatch User's Guide

Identifying the Version of OPatch

In general, there is a version of OPatch available for each version of the Oracle Universal Installer software.

To identify the version of OPatch:

1. Change directory to the following directory:

   ```
   cd ORACLE_HOME/OPatch/
   ```

2. Run the following command:

   ```
   ./opatch version
   ```

   For example:

   ```
   ./opatch version
   OPatch Version: 13.9.4.0.0

   OPatch succeeded.
   ```

Applying the Bundle Patch

1. Unzip the patch zip file into the `PATCH_TOP` , where `PATCH_TOP` is a directory path that temporarily contains the patch for installation.

   Unix

   ```
   $ unzip -d PATCH_TOP p29814384_122130_Generic.zip
   ```

Windows

```
unzip -d PATCH_TOP p29814384_122130_Generic.zip
```

> **✎ Note:**
>
> On Windows, the unzip command has a limitation of 256 characters in the path name. If you encounter this, use an alternate ZIP utility such as 7-Zip to unzip the patch. For example, run the following command to unzip using 7-Zip:
>
> ```
> "c:\Program Files\7-Zip\7z.exe" x p29814384_122130_Generic.zip
> ```

2. Set your current directory to the directory where the patch is located. For example:

   Unix

   ```
   $ cd PATCH_TOP/29814384
   ```

   Windows

   ```
   cd PATCH_TOP\29814384
   ```

3. Run OPatch to apply the patch.

   Unix

   ```
   $ [ORACLE_HOME]/OPatch/opatch apply
   ```

   Windows

   ```
   [ORACLE_HOME]\OPatch\opatch.bat apply
   ```

```
ORACLE_HOME
```

* Conflicts with a patch already applied to the `ORACLE_HOME`.

  In this case, stop the patch installation, and contact Oracle Support Services.

* 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`.

After Applying the Bundle Patch

You need to perform certain tasks after applying the bundle patch

1. Check the Oracle Unified Directory installation has been patched. For example:

Unix

```
$ [ORACLE_HOME]/<dsInstanceName>/OUD/bin/start-ds -F
```

Windows

```
[ORACLE_HOME]\<dsInstanceName>\OUD\bat\start-ds.bat -F
```

> **✏ Note:**
>
> OUD patch version can be determined from the output, based on the val-ues for `Build ID, Platform Version` and `Label Identifier` fields.

2. Upgrade Oracle Unified Directory server instances that are associated with the `ORACLE_HOME` directory. For example:

Unix

```
$ [ORACLE_HOME]/<dsInstanceName>/OUD/bin/start-ds --upgrade
```

Windows

```
[ORACLE_HOME]/<dsInstanceName>\OUD\bat\start-ds.bat --upgrade
```

> **✏ Note:**
>
> The preceding step is executed to upgrade OUD instance according to the patched version of OUD in `ORACLE_HOME`. If `start-ds` is executed to start OUD instance without executing `start-ds --upgrade`, following message will be displayed:
> Instance needs to be upgraded. Please run the `start-ds` command with the option "`--upgrade`"

3. Restart all the Directory Server instances using the `start-ds` command. For ex-ample:

Unix

```
$ [ORACLE_HOME]/<dsInstanceName>/OUD/bin/start-ds
```

Windows

```
[ORACLE_HOME]\<dsInstanceName>\OUD\bat\start-ds.bat
```

4. Allow the application server instance to uptake the OUDSM patch.

ORACLE

> **✎ Note:**
>
> On WebLogic, start the Administration Server (the WebLogic domain used for OUDSM).

Creating the File based Access Control Log Publisher

This step is optional. You can create a File Based Access Control Log publisher for diagnosing ACI evaluation. This publisher should be disabled as soon as diagnostic is over as it impacts server performance.

> **✎ Note:**
>
> Once this publisher is created, the de-installation of this patch will not be possible as the server would no longer be able to start.

To create the File Based Access Control Log publisher, a server administrator must invoke the following `dsconfig` command against a server instance that is already up and running:

```
dsconfig create-log-publisher \
        --publisher-name "ACI logger" \
        --type file-based-access-control \
        --set enabled:true \
        --set log-file:logs/acilog \
        --hostname serverHostName --port 4444 \
        --trustAll --bindDN cn=Directory\ Manager \
        --bindPasswordFile passwordFile \
        --no-prompt
```

The following entry is created in the `config.ldif:` server configuration file:

```
dn: cn=ACI logger,cn=Loggers,cn=config
        objectClass: ds-cfg-log-publisher
        objectClass: ds-cfg-access-control-log-publisher
        objectClass: ds-cfg-file-based-access-control-log-publisher
        objectClass: top
        ds-cfg-enabled: true
        ds-cfg-java-class: org.opends.server.loggers.accesscontrol.TextAccessCon-
trolLogPublisher
        ds-cfg-asynchronous: true
        cn: ACI logger
        ds-cfg-log-file-permissions: 640
        ds-cfg-log-file: logs/acilog
```

Removing the Bundle Patch

If you experience any problems after installing the bundle patch, you can remove the bundle patch.

Execute the following commands to remove the bundle patch:

1. Set the `ORACLE_HOME` environment variable for Oracle Middleware Home Location (Where Oracle Unified Directory is installed).

   Unix

   ```
   $ <bash> export ORACLE_HOME="Oracle Middleware Home Location"
   ```

   Windows

   ```
   <prompt> set ORACLE_HOME="Oracle Middleware Home Location"
   ```

2. Verify the OUI inventory by running the following command:

   Unix

   ```
   $ [ORACLE_HOME]/OPatch/opatch lsinventory
   ```

   Windows

   ```
   [ORACLE_HOME]\OPatch\opatch.bat lsinventory
   ```

3. Run `OPatch` to deinstall the patch:

   Unix

   ```
   $ [ORACLE_HOME]/OPatch/opatch rollback -id 29814384
   ```

   Windows

   ```
   [ORACLE_HOME]\OPatch\opatch.bat rollback -id 29814384
   ```

4. In the case of a Directory Server instance created after the application of this patch, once the patch is removed, the instance `buildinfo` still looks like:

   ```
   $ cat [ORACLE_HOME]/<dsInstanceName>/OUD/config/buildinfo
   12.2.1.3.190522.1905220537
   ```

5. The instance `buildinfo` must be manually changed back:

   ```
   $ cp [ORACLE_HOME]/oud/config/buildinfo [ORACLE_HOME]/<dsInstanceName>/OUD/
   config/buildinfo
   ```

   For example,

   ```
   $ cat [ORACLE_HOME]/<dsInstanceName>/OUD/config/buildinfo
   12.2.1.3.190522.1905220537
   ```

6. After removing the bundle patch, start the OUD instance by running the following command:

Unix

```
$ [ORACLE_HOME]/<dsInstanceName>/OUD/bin/start-ds
```

Windows

```
[ORACLE_HOME]\<dsInstanceName>\OUD\bat\start-ds.bat
```

Resolved Issues

This section lists the issues resolved in 12c Release.

- Resolved Issues in 12c Release (12.2.1.3.190522)
- Resolved Issues in 12c Release (12.2.1.3.180829)
- Resolved Issues in 12c Release (12.2.1.3.180626)
- Resolved Issues in 12c Release (12.2.1.3.180322)

Resolved Issues in 12c Release (12.2.1.3.190522)

The following table lists the issues resolved in Release (12.2.1.3.190522):

Table 1-1   Issues Resolved in 12c Release (12.2.1.3.190522)

Bug Number	Description
29376960	OUD12C: PROXY USING FORK JOIN HAVE QUERIES WITH RESULT=32
29026772	ISSUE WITH FORCE-CHANGE-ON-ADD AFTER APPLYING BUNDLE PATCH 11.1.2.3.181016
29143490	AFTER UPGRADE FROM OUD 11G TO OUD 12C PASSWORD VALIDATOR MANGELED
27911963	ODSM ORACLEJSP ERROR: JAVA.IO.FILENOTFOUNDEXCEPTION
29320825	PASSWORD REHASH NOT WORKING AFTER APPLYING PATCH 28817042
25633930	FMW_DIAG_IMPROVEMENT - HANDLING EMPTY CATCH BLOCKS IN ADMIN, BACK-END & CORE
28650524	UNEXPECTED ERROR DURING THE INITIALIZATION OF SUFFIX
28507697	RDBMS WFE CANNOT ACCESS TABLE FROM DIFFERENT SCHEMA
28564137	ODSM IS VERY SLOW WITH A LARGE NUMBER OF BACKENDS

Table 1-1   (Cont.) Issues Resolved in 12c Release (12.2.1.3.190522)

Bug Number	Description
28636130	IMPORT-LDIF REJECTS TOMBSTONE ENTRIES WITH PARENT NO FOUND ERROR
26773404	ACI ISSUE WITH PTA KERBEROS TO AD
28433125	SIMPLE COMPLEX SEARCH FILTER USING ISMEMBEROF INCORRECTLY RETURNS NO ENTRIES
27266700	USERCERTIFICATE ATTRIBUTE DISPLAYED AS BINARY IN ODSM
27601364	ACCOUNT STATUS NOTIFICATION ARE NOT LOGGED IN ERROR FILE

Resolved Issues in 12c Release (12.2.1.3.180829)

The following table lists the issues resolved in Release (12.2.1.3.180829):

Table 1-2   Issues Resolved in 12c Release (12.2.1.3.180829)

Bug Number	Description
27847613	CHANGING MULTIPLE-VALUES PASSWORD POLICY WITH 2 STORAGE SCHEME FAILS
28017604	OUD PROXY NON-RETRIEVABLE ATTRIBUTES FOR OPERATIONAL ATTRIBUTES NOT WORKING
28130109	BINDING AS SECONDARY PARTICIPANT USER FAILS AGAINST FORKJOIN CONFIGURATION
27745214	OUDSM 12C - EUS INFORMATION ARE NOT DISPLAYED
27804567	OAM NOT ABLE TO AUTHENTICATE TO OUD 12C PROXY USING RDBMS
27032565	APPENDING DATA VIA IMPORT-LDIF CAUSES ACI PRIVILEGE TO BE LOST
27752576	EUS WITH DB12CR2 OUD12C PROXY AND NOVELL NOT WORKING: ORA-28274
28052332	OUD 12C FORK JOIN SECONDARY PARTICIPANT ISSUE WITH LDAPSEARCH FILTER

Table 1-2   (Cont.) Issues Resolved in 12c Release (12.2.1.3.180829)

Bug Number	Description
27030137	DIAG - AUDIT LOG TO STORE MODIFIER-SNAME AND MODIFYTIMESTAMP.
21839259	LDAPSEARCHES RESULT NOT AS EXPECTED WHEN USING MEMBER IN NUMERIC FORMAT
27940182	OUD 12C STATIC/VIRTUAL STATIC GROUP MEMBERSHIP CROSS REFERENCE AMONG SUFFIXES
20033750	ODSM: REPL MANAGER: AUTO REFRESH DOESN'T TAKE INTO ACCOUNT REPL GROUP SETTING

Resolved Issues in 12c Release (12.2.1.3.180626)

Applying this bundle patch resolves the issues listed in the table.

Table 1-3   Issues Resolved in 12c Release (12.2.1.3.180626)

Bug Number	Description
28074093	ONE OFF BUILD FAILED FOR PLATFORM_VERSION IN 12C APRIL BP
27689317	LDAPSEARCH WITH DYNAMICALLY LINKED USER AS UNIQUE MEMBER DOES NOT DISPLAY DESCR
27782271	HIGHLY COMPLEX SEARCH FILTERS DO NOT RETURN RESULTS AND SLOW DOWN SERVER
27822171	PATCH 27782271 WORKS ONLY UPTO 100 NESTED FILTERS
27538880	OUD APRIL'18 BP (27491238) ISSUE
27460616	OUD RETURNS A ROOT DSE ENTRY OF A REMOTE LDAP SERVER AS ITS OWN ROOT DSE ENTRY
27768179	ROUTINE RESTART OF OUD SERVER MAKES OUD UNRESPONSIVE
27585207	ERROR WHEN CHECKING THE COMPATIBILITY OF THE DSEE CONSUMER
27309834	REBUILD-ALL INDEXES IN BETWEEN THE DELETE AND THE PURGE RESULT TOMBSTONES ISSUE
27195037	REPLICATION INFO MISSING ON ODSM REPLICATION TOPOLOGY TAB WHEN REPLICA OFFLINE
26828546	OUD	ORCLSOURCEMODIFYTIMESTAMP ATTRIBUTE ALLOWS DUPLICATE ENTRIES

Table 1-3   (Cont.) Issues Resolved in 12c Release (12.2.1.3.180626)

Bug Number	Description
27151076	REGRESSSION OF UPDATES ON SINGLE VALUED ATTRIBUTES ARE NOT REPLICATED PROPERLY
27147081	OUD USER RESOURCE LIMITS NOT ENFORCED ON SEARCHES USING PROXY-AUTH
27116703	OUD SERVER IN DIFFERENT LOCATIONS-REMOTE HOST CLOSED CONNECTION DURING HANDSHAKE
26969822	STOP-DS SLOW WHEN REPLICATION IS ENABLED

Resolved Issues in 12c Release (12.2.1.3.180322)

The following table lists the issues resolved in Release (12.2.1.3.180322):

Table 1-4   Issues Resolved in 12c Release (12.2.1.3.180322)

Bug Number	Description
27337656	OVD OBJECTCLASS MAPPER PLUGIN IN OUD
27027834	SUPPORT COMPLEX FILTER FOR TOKENIZE-ATTRIBUTE TRANSFORMATION
26616633	FMW_DIAG_IMPROVEMENT - HANDLING EMPTY CATCH BLOCKS IN WORKFLOWELEMENT
26579516	LDIF IMPORT VIA ODSM CONSOLE SHOWING INCORRECT STATUS
25556682	FMW_DIAG_IMPROVEMENT - HANDLING EMPTY CATCH BLOCKS IN REPLICATION
27337538	SAML XASP PLUGIN THROUGH OUD
26878832	ISMEMBEROF QUERY SLOW FOR COMPLEX SEARCHES INVOLVING STATIC GROUPS
27036003	ODE CORRECTION ON THE TRANSACTION OF BASE BUG 26828755
27337446	COORDINATORADAPTER THROUGH UNION WFE IN OUD
27337617	DYNAMICGROUPS PLUGIN THROUGH OUD
26557145	DEBUG WARNING LOG MESSAGE IS REQUIRED TO HELP DEBUGGING

Table 1-4 (Cont.) Issues Resolved in 12c Release (12.2.1.3.180322)

Bug Number	Description
26389404	REPLICATION EXIT WITHOUT WRITING ANY LOG IN DEBUG LOG WHEN EN-TRYUUID NOT FOUND
26051378	PWDRESET FLAG DOES NOT SYNC PROP-ERLY BETWEEN REPLICATED OUD SERV-ERS
25659967	OUD DELETED REFERENCE ENTRIES ARE NOT REPLICATING TO OTHER SERVERS
24912151	REPLICATION OUT OF SYNC AT ATTRIB-UTE LEVEL AFTER STRESS TEST
26651161	DPS2OUD FAILS WITH ERROR "FATAL ER-ROR DURING THE PROCESSING OF THE DPS CONFIG"
25543336	OUD PROXY DOESN'T RETURN AD EN-TRIES WITH DUPLICATE DSCOREPROPA-GATIONDATA
26397668	OUD SEARCH BEHAVIOR WITH WHITE-SPACE AND WILDCARD (*) IN THE SEARCH FILTER
25524876	USERCERTIFICATE;BINARY ATTRIBUTE IS NOT SHOWED RIGHT
27421407	LDAPSEARCH RESULTS IN DIFFERENT AT-TRIBUTES RETURNED BY LDAPSEARCH WRT OVD
27638073	UNION LDAPSEARCH WITH SEARCH-FIRSTMATCH TRUE AUTOTUNESEARCH-OPTION TRUE FAILS
27621150	OBJECTCLASS MAPPER TRANSFO:FIL-TER-ATTRIBUTE NOT APPLIED FOR LDAP-SEARCH,COMPARE
27567476	LDAPSEARCH WITH DYNAMIC GROUPS PLUGIN CHANGES CASE OF O IN OUD OVD RETAINS IT
27499608	LDAPSEARCH ISSUES WITH DYNAMIC GROUPS PLUGIN
27716604	OUD 12C APR'18 BP - DIFS OBSERVED IN DYNAMIC GROUPS PLUGIN TESTING.
27456961	LDAPSEARCH WITH ANONYMOUS AC-CESS NEEDS TO DISPLAY NO ENTRY WITH SAML XASP PLUGIN
27428553	LDAPSEARCH IN OUD DOES NOT RETURN RESULTS WITHOUT OBJECTCLASS IN FIL-TER

Table 1-4   (Cont.) Issues Resolved in 12c Release (12.2.1.3.180322)

Bug Number	Description
27537121	LDAPSEARCH WITH FETCH-BOTH-STATIC-DYNAMIC DOES NOT WORK FOR DYNAMIC GRP PLUGIN
27622404	TOKENIZE ATTRIBUTE TRANSFORMATION - LDAPSEARCH RETURNS INVALID RESULTS
27451993	LDAPSEARCH RETURNS ALL ATTRIBUTES REGARDLESS OF ATTRIBUTE NAME IN SEARCH CRITERI

Known Issues and Workarounds

This section describes about the known issues in the current release.

Known issues and their workarounds in Oracle Unified Directory Release (12.2.1.3.190522) are described in the Oracle Unified Directory 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/middleware/12213/idmsuite/IDMRN/toc.htm

For issues documented after the release of this OUD Bundle Patch Release (12.2.1.3.190522), refer to My Oracle Support Document 2378916.1 at https://support.oracle.com

For information about OPatch issues, see My Oracle Support and use the OPatch version provided with the product.

Error after Rolling Back Bundle Patch 12.2.1.3.190522 (Doc ID 2557033.1)

After you roll back the bundle patch 12.2.1.3.190522 or above and then start the instance, you might see an error message as listed below and the server will not start due to a schema error. To resolve the issue follow instructions in solution section within the KM article (Doc ID 2557033.1):

```
------------
[23/May/2019:01:21:43 -0700] category=CORE severity=NOTICE msgID=458891
msg=The Directory Server has sent an alert notification generated by class
org.opends.server.core.DirectoryServer (alert type
org.opends.server.DirectoryServerShutdown, alert ID 458893):  The Directo-
ry
Server has started the shutdown process.  The shutdown was initiated by an
instance of class org.opends.server.core.DirectoryServer and the reason
```

```
provided for the shutdown was An error occurred while trying to start the
Directory Server:  An error occurred at or near line 1455 while trying to
parse the configuration from LDIF file
/net/example.org/scratch/example/view_storage/example_OUD12cMATS/work/exam-
ple.org-20
190523-011334/inst/OPatch_Sanity_DS_install/Oracle_OUD/
OPatch_Sanity_DS/OUD/co
nfig/config.ldif:  org.opends.server.util.LDIFException: Entry cn=Default
Password Policy,cn=Password Policies,cn=config read from LDIF starting at
line 1455 is not valid because it violates the server's schema configura-
tion:
 Entry cn=Default Password Policy,cn=Password Policies,cn=config violates
the
Directory Server schema configuration because it includes attribute
ds-cfg-skip-force-change-reset-on-deprecate which is not allowed by any of
the objectclasses defined in that entry
[23/May/2019:01:21:43 -0700] category=CORE severity=NOTICE msgID=458955
msg=The Directory Server is now stopped
-----------
```

Documentation Updates

This section describes documentation updates for this release.

> **✎ Note:**
>
> See REST APIs for administering Oracle Unified Directory at the following
> URL: https://docs.oracle.com/middleware/12213/oud/OUDRT/index.html

OUDSM Auto Redeployment Instructions

The `oudsm.ear` file is shipped along with the OUD bundle patch `(bppatchnumber/`
`files/oracle.idm.oud.odsm/12.2.1.3.0/oracle.idm.oud.odsm.symbol/odsm/`
`oudsm.ear)`. A new `oudsm.ear` file is included with bundle patch for Release
12.2.1.3.190522 would be patched at the following location:

`$ORACLE_HOME/oud/odsm/oudsm.ear`

When you restart the Server for the first time after applying the patch, it will automati-
cally redeploy the new `oudsm.ear` file. Therefore, you might experience a slower re-
start of the Server. You must look at the logs related to `oudsm.ear` file deployment.

If for any reason the `oudsm.ear` file deployment fails during the first restart of the Serv-
er, then you manually need to redeploy the file.

Related Documents

For more information, see the following resources:

- Oracle Fusion Middleware Documentation

  This contains documentation for all Oracle Fusion Middleware 12c products.

- Oracle Technology Network

  This site contains additional documentation that is not included as part of the documentation libraries.

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.