

# Oracle® Fusion Middleware

Bundle Patch Release Notes for Oracle Directory Server Enterprise Edition

11g Release 1 (11.1.1.7.2)

E58086-01

January 2015

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This document describes Bundle Patch 11g Release 1 (11.1.1.7.2) for Oracle Directory Server Enterprise Edition 11g Release 1 (11.1.1.7.0) and (11.1.1.7.1). This document contains the following sections:

- ["Understanding Bundle Patches"](#)
- ["Bundle Patch Requirements"](#)
- ["Back Up the Existing ODSEE 11.1.1.7.0 or 11.1.1.7.1 Installation"](#)
- ["Applying the Bundle Patch"](#)
- ["Resolved Issues"](#)
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## 1 Understanding Bundle Patches

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

### Bundle Patch

A bundle patch is an official Oracle patch for Oracle Directory Server Enterprise Edition. The fifth digit in a bundle patch release string indicates the bundle patch number. The first four digits indicate the release to which the bundle patch is applied. For example, 11g Release 1 (11.1.1.7.2) is the second bundle patch for Release 11.1.1.7.0.

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.

### Patch Set Exception

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

### 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.

## 2 Bundle Patch Requirements

Complete the following steps before applying the bundle patch.

1. Confirm you are applying this bundle patch to Oracle Directory Server Enterprise Edition 11g Release 1 (11.1.1.7.0) or 11g Release 1 (11.1.1.7.1).
2. Confirm that the patch and unzip executables exist and appear in your system `PATH`, as both are needed to apply this bundle patch. For example, on UNIX or Linux you can execute the following command:

```
# which unzip
```

Both executables must appear in the `PATH` before applying this bundle patch.

3. Back up the existing ODSEE 11.1.1.7.0 or ODSEE 11.1.1.7.1 instances. See ["Back Up the Existing ODSEE 11.1.1.7.0 or 11.1.1.7.1 Installation."](#)
4. Be sure you have the appropriate ODSEE credentials.

Applying the bundle patch can be performed only by the user account that owns the Directory Server Enterprise Edition installation.

5. Identify the server that hosts Directory Service Control Center. You must patch this server before you patch any other servers.
  - You can run the following command to verify basic information for a Directory Server instance you want to patch:

### Unix, Linux

```
$ install-path/bin/dsadm info instance-name
```

### Windows

```
C:\> install-path\bin\dsadm info instance-name
```

For example:

```
$ install-path/bin/dsadm info /local/host1/DS1
Instance Path: /local/host1/DS1
Owner: root
Non-secure port: 1389
Secure port: 1636
Bit format: 64-bit
State: Running
Server PID: 6768
DSCC url: -
SMF application name: -
Instance version: D-A30
```

- You can run the following command to verify the version number for a Directory Server instance you want to patch:

### Unix, Linux

```
$ install-path/bin/dsconf --version
```

### Windows

```
C:\> install-path\bin\dsconf --version
```

For example:

```
$ dsconf --version
[dsconf]
dsconf : 11.1.1.7.0 B2013.0109.2015
```

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### 3 Back Up the Existing ODSEE 11.1.1.7.0 or 11.1.1.7.1 Installation

Before you apply the ODSEE 11.1.1.7.2 Bundle Patch, make a backup of each file used by the existing 11.1.1.7.0 or 11.1.1.7.1 Directory Server. This ensures that the server instances can be restored if you encounter a problem during the patching process. Be sure to back up all files in the binaries install path, in each instance install path, and in each database install path. In addition to backing up Directory Server instances, also back up the complete Directory Server installation, or binaries.

First, stop the server instances. Then use a file system utility such as `tar` or `cpio` to backup the entire file system.

### 4 Applying the Bundle Patch

To update ODSEE 11g Release 1 (11.1.1.7.0) or (11.1.1.7.1), you must apply ODSEE Bundle Patch 11g Release 1 (11.1.1.7.2) to all Directory Service Control Center, Directory Server, and Directory Proxy Server instances in your topology.

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**Note:** You must patch the Directory Service Control Center before patching any Directory Server or Directory Proxy Server instances.

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To apply the Bundle Patch to ODSEE 11.1.1.7.0 or 11.1.1.7.1:

1. Be sure the Directory Server and Directory Proxy Server instances you are patching are started before running the `dscsetup prepare-patch` command.
2. Run the following command.

**Unix, Linux**

```
# install-path/bin/dscsetup prepare-patch
```

**Windows**

```
C:\> install-path\bin\dscsetup prepare-patch
```

The `dscsetup prepare-patch` command attempts to stop all running instances of Directory Server and Directory Proxy Server. If the `dscsetup prepare-patch` command does not have permission to stop a server instance, it displays a message that describes its failure, and you must stop the server before continuing.

3. Run one of the following commands to make sure that the server is stopped.

- To stop a directory server, run this command:

**UNIX, Linux**

```
# install-path/bin/dsadm stop instance-path
```

**Windows**

```
C:\> install-path\bin\dsadm stop instance-path
```

- To stop a proxy server, run this command:

**UNIX, Linux**

```
# install-path/bin/dpadm stop instance-path
```

**Windows**

```
C:\> install-path\bin\dpadm stop instance-path
```

4. Create a temporary directory `TEMP_DIRECTORY`, and download one of the following patches into `TEMP_DIRECTORY`:

- `p19765280_111170_HP64.zip`
- `p19765280_111170_Linux-x86-64.zip`
- `p19765280_111170_MSWIN-x86-64.zip`
- `p19765280_111170_Solaris86-64.zip`
- `p19765280_111170_SOLARIS64.zip`

Each patch contains a `readme.htm` file and a compressed archive.

5. To install the Directory Server Enterprise Edition software:

First, expand the archive. Then unzip the `sun-dsee7.zip` file. For example:

**UNIX, Linux**

```
$ cd temp-directory
$ gzip -d < dsee.11.1.1.7.2.SunOS-sparc-5.10-opt-64.full.zip.tar.gz | tar xf -
$ unzip -q sun-dsee7.zip -d install-path
$ cd install-path/dsee7
```

**Windows**

```
# cd temp-directory
# unzip -q dsee.11.1.1.7.2.WINNT-opt.full.zip.zip
# unzip -q sun-dsee7.zip -d install-path
# cd install-path/dsee7
```

This step effectively overwrites the existing installation, so the *install-path* refers to the installation path used in Step 2. All existing files are overwritten.

6. Run the following command.

**UNIX, Linux**

```
# install-path/bin/dscsetup complete-patch
```

**Windows**

```
C:\> install-path\bin\dscsetup complete-patch
```

7. If you manually stopped the server in step 2 above, then the Directory Server instance was not automatically patched in Step 6. You must now manually patch the Directory Service instance by running the following command:

- To patch all Directory Server instances that were not patched in Step 6, run the following command:

**UNIX, Linux**

```
# install-path/bin/dpadm upgrade [-i] install-path
```

**Windows**

```
C:\> install-path\bin\dpadm upgrade [-i] install-path
```

8. If you are patching the server that hosts Directory Service Control Center only, redeploy the Directory Service Control Center (DSCC) WAR file, *install-path/dsee7/var/dscc7.war*.
  - a. Recreate the war file by running the following commands
 

**UNIX, Linux**

```
# install-path/bin/dsccsetup war-file-delete
install-path/bin/dsccsetup war-file-create
```

**Windows**

```
C:\> install-path\bin\dsccsetup war-file-delete
C:\> install-path\bin\dsccsetup war-file-create
```
  - b. Redeploy the DSCC WAR file on the application server. See "Deploying the DSCC WAR File," in *Oracle® Fusion Middleware Installation Guide for Oracle Directory Server Enterprise Edition*.
9. If the Directory Server is configured to work with Identity Synchronization for Windows (ISW), you must restart both ISW and the Message Queue server.
 

See "Section 1.5 Basic Identity Synchronization for Windows Operations" in *Identity Synchronization for Windows 6.0 Service Pack 1 Release Notes 11g Release 1 (11.1.1.7.0)*.

## 5 Resolved Issues

[Table 1](#) lists the issues resolved in Release 11g Release 1 (11.1.1.7.2):

**Table 1 Issues Resolved in Release 11g Release 1 (11.1.1.7.2)**

Bug Number	Description
19874266	FIX FOR BUG 19874266
19622343	DSADM REPACK CALCULATE FREE SPACE INCORRECTLY IN SOME CASES.
19617197	SERVER PROPERTY ENABLE-SEARCH-ATTR-SYNTAX ENABLED BY DEFAULT.
19407763	WRONG INFORMATION IS LOGGED IF ACCESS LOG FILE GOT DELETED SUCCESSFULLY.
19229582	DSADM REPACK CALCULATE FREE SPACE INCORRECTLY
19226087	IDM PLUGIN WITH NULL PASSWORD CRASHES DIRECTORY SERVER
19010883	INVALID DN IS GETTING IGNORED IN THE REFERINT LOG WITHOUT ANY MESSAGE.
18958116	MEMORY LEAK AFTER UPGRADING TO ODSEE 11.1.1.7.1 WHILE USING COMPLEX FILTER
18888576	Fix for bug 18888576
18732074	ERROR LOG FILES ARE NOT RETAINED ACCORDING TO CONFIGURATION IF MIN-FREE-DISK-SPA
18731983	AUDIT LOG FILES ARE NOT RETAINED ACCORDING TO CONFIGURATION IF MIN-FREE-DISK-SPA
18697287	Fix for bug 18697287
18673418	ISW PLUGIN CRASHES WHILE ABANDONING CONNECTION

**Table 1 (Cont.) Issues Resolved in Release 11g Release 1 (11.1.1.7.2)**

<b>Bug Number</b>	<b>Description</b>
18490454	DSCC TEXT VIEW EDITABLE ATTRIBUTE TEXTAREA IS SOMETIME READ-ONLY
18412068	WHEN PASSWORD CHANGED, PWDCHANGEDTIME NOT ALWAYS MODIFIED
18396287	ACCESS LOG FILES ARE NOT RETAINED ACCORDING TO CONFIGURATION IF MIN-FREE-DISK-SP
18380407	CAN NOT SAVE THE USER ENTRY BY DSCC TEXT VIEW
18365231	DPCONF THROWS EXCEPTION WHEN USING PROPERTY NOT USABLE BY TARGET DPS
18338432	STARTTLS CLOSED WITH "UNABLE TO CONVERT ASN.1 ELEMENT TO AN LDAP MESSAGE."
18311560	BACKUP FILES OF AUDIT LOG MAY DISAPPEARS AT THE ROTATION TIME
18311442	BACKUP FILES OF ACCESS LOG MAY DISAPPEARS AT THE ROTATION TIME
18219846	STARTTLS CONNECTION ISN'T ASSIGNED TO CORRECT DPS CONNECTION HANDLER
18167657	DPS - JAVA.IO.IOEXCEPTION: RECEIVED CLOSED DURING INITIAL HANDSHAKING
18158164	DSCONF PLUGIN PROPERTIES FEATURE, VENDOR, VERSION, DESC SHOULD BE READ-ONLY
18102253	BACKUP FILES OF ERROR LOG MAY DISAPPEARS AT THE ROTATION TIME
17921499	OPERATIONAL STATUS DISPLAYS INCORRECTLY ON REPLICATION AGREEMENT TAB IN DSCC
17921471	UNABLE TO START REMOTE SERVER USING DSCC
17787245	NS-SLDAPD MAY CRASH WHILE PROCESSING ABANDON ON BIND OPERATION
17722974	DPS IGNORES CLIENT REQUESTED SEARCH TIMEOUT IF RESOUCES LIMIT POLICY IS USED.
17620437	AFTER MODIFYING A SINGLE VALUED ATTRIBUTE. REPLICA MAY BE OUT OF SYNC.
17586664	DS CORE DUMPED DUE TO NON ASCII/UTF-8 CHARS IN THE REFERINT LOG
17569537	INCONSISTENCY WHEN REQUESTING SEARCH ATTRIBUTE WITH BOTH NAME AND ALIAS
17320038	DUPLICATED NSROLE ARE RETURNED OCCASIONALLY
16501719	REGRESSION ABOUT NSSLDAPD-RETURN-EXACT-CASE ATTRIBUTE

[Table 2](#) lists the issues resolved in Release 11g Release 1 (11.1.1.7.1):

**Table 2 Issues Resolved in Release 11g Release 1 (11.1.1.7.1)**

<b>Bug Number</b>	<b>Description</b>
18060947	INTERNAL TEST MAY FAIL: HEAP CORRUPTION WHILE WRITING THE AUDIT LOG

**Table 2 (Cont.) Issues Resolved in Release 11g Release 1 (11.1.1.7.1)**

<b>Bug Number</b>	<b>Description</b>
18040770	11.1.1.7.1 AND MAIN BRANCH: ABANDONDELETEOPERATION ACCEPTANCE TEST FAILS
17892862	WARNING<10265> WAS OUTPUT AFTER RUN "DSCONF REINDEX" COMMAND.
17701868	NO OUTPUT FROM DSADM LIST-INSTANCE-DIRS ON WINDOWS IF CHANGING ACCESS LOG PATH
17590492	DPS 11.1.1.7.0: PATTERN MATCHING ALGORITHM FAILS SPORADICALLY WITH ERR=32
17588949	DSCC EXCEPTION WHEN A DS INSTANCE WITH NON-SECURE PORT IS SHUTDOWN.
17552814	ODSEE LOGS MESSAGES: DETECTED A PROTOCOL VIOLATION ERROR<8286>
17351907	MESSAGEQUEUE IS NOT MARKED AS ABANDONNED OCCASIONALLY IN CASE OF EXCEPTION
17347777	MEMORY LEAK IN PASSWORD MODIFICATION EXTENDED OPERATION (WHEN USING LDAPPASSWD)
17347150	MEMORY LEAK WHEN HANDLING LDAPV2 SEARCHES AND REFERRALS
17322024	NO UPDATE TO PWDHISTORY IF THE SAME PASSWORD IS USED.
17279429	STILL GET BUG 16800752 BEHAVIOUR IN CERTAIN CASE
17206329	SIGNATURE ERRORS WHEN RUNNING PWDHASH COMMAND ON UPGRADED INSTANCES
16990462	DPS - STARTTLS CLOSED WITH "UNABLE TO CONVERT ASN.1 ELEMENT TO AN LDAP MESSAGE."
16982179	RACE CONDITION DUE TO FIX FOR 16101216
16926156	LDAPS REFERRALS CHANGE TO LDAP REFERRALS DURING REINIT
16862783	ON SOLARIS DS INSTANCE MAY CRASHES WHEN RETROCHANGELOG IS ENABLED
16841985	DSEE 11.1.1.7.0 DSCONF BACKUP FAILS WITH "ERROR LOGGING REGION OUT OF MEMORY,"
16808077	IMPORT MAY STALE -TYPICALLY WHILE PROCESSING LAST ENTRY
16805779	STILL SEE 16486043 SYMPTOMS IF FIRST OPERATION IS A BIND.
16800752	11.1.1.7.0: WORKER THREAD STUCK AT ADDMESSAGE WHEN TIMEOUT DETECTED ON DS CONN
16776826	DS CRASH WHEN COMPAT-FLAG:NO-RFC4522 IS SET
16770166	SOCKET LEAKS IN DPS AFTER CHANGING ALLOW-UNAUTHENTICATE PROPERTY
16737497	DSCONF REINDEX SUFFIX BREAKS ANCESTORID INDEX
16620395	DSCC ISSUE: ACI MAY STILL BE REPLACED WHEN CLICKING CHECK SYNTAX BUTTON
16613666	ERROR<4786> HAPPENS WHEN ADD/IMPORT ENTRY WHOSE RDN IS QUOTED BY CURLY BRACKET
16598550	DIRECTORY SERVER MAY CRASH AT START-UP AFTER SOME COMPLEX CONFLICT RESOLUTION

**Table 2 (Cont.) Issues Resolved in Release 11g Release 1 (11.1.1.7.1)**

<b>Bug Number</b>	<b>Description</b>
16544379	NORMALIZATION ISSUE WITH LDAPSEARCH -Y OPTION
16523310	FIX FOR BUG 16523310
16521113	NS-SLDAPD OF ODSEE DIES IN LIBSSL3.SO'S FUNCTION CALL SSL_POLL
16505714	DPCONF {GET SET}-SERVER-PROP DOESN'T RECOGNIZE NEW VALUE FOR COMAT-FLAG
16486043	DPS IS NOT USING THE RIGHT CONNECTION HANDLER AFTER A FAILED BIND.
16340028	AUDIT LOG DOES NOT CONTAIN SCHEMA CHANGES
16329908	SUBSTRING PERFORMANCE CODE FIX (SUNBT_6607677) MISSING FROM 6.3.1.1.1
16323236	DPS - CLIENT AFFINITY POLICY DOES NOT BEHAVE AS DOCUMENTED.
16250414	SUPPRESS ATTRIBUTE VALUES IN THE AUDIT LOG.
16101216	DS CONSUMER MAY CRASH WHILE ADDING NEW ATTRIBUTES IN SCHEMA
16088029	REPLDISC DOES NOT RUN.. SEGMENTATION FAULT (CORE DUMPED)
15959605	CANNOT REVERT TO DEFAULT BEHAVIOUR AFTER CHANGING IS-SSL-MANDATORY
15893227	SIGNIFICANT MEMORY LEAK EVERY 30 MINUTES
15866235	DPS WORKER THREADS HANGS IN LDAPMESSAGEQUEUE.ADDMESSAGE()
14764944	ODSEE DPS PERFORMANCE ISSUE LEADING TO AN HIGH CPU LOAD
14742500	ODSEE DIRECTORY PROXY DROPPING ENTRIES
14724362	DPS TRANSFORMS MONITORING ENTRY DN IN LOWER CASE.
14673804	IMPROVE THE HANDLING OF "... CSNGEN_ADJUST_TIME: ADJUSTMENT LIMIT EXCEEDED"

## 6 Known Issues and Workarounds

See the following chapters in the *Oracle® Fusion Middleware Release Notes for Oracle Directory Server Enterprise Edition 11g Release 1 (11.1.1.7.0)*:

- "Chapter 5: Directory Proxy Server Bugs Fixed and Known Problems"
- "Chapter 4: Directory Server Bugs Fixed and Known Problems"
- "Chapter 6: Directory Server Resource Kit Bugs Fixed and Known Problems"

## 7 Related Documentation

For more information about Oracle Directory Server Enterprise Edition 11g Release 1 (11.1.1.7.0) or (11.1.1.7.1), see the *Oracle Directory Server Enterprise Edition Documentation Library 11g Release 1 (11.1.1.7.0)* on Oracle Technology Network at:

[http://docs.oracle.com/cd/E29127\\_01/index.htm](http://docs.oracle.com/cd/E29127_01/index.htm)

For information about certified software components for Oracle Directory Server Enterprise Edition 11g Release 1 (11.1.1.7.0) or (11.1.1.7.1), refer to the *System*

*Requirements and Supported Platforms for Oracle Directory Server Enterprise Edition*  
document at:

[http://www.oracle.com/technology/software/products/ias/files/fusion\\_certification.html](http://www.oracle.com/technology/software/products/ias/files/fusion_certification.html)

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