Oracle® Secure Enterprise Search

Release Notes

11*g* Release 1 (11.1.2.2)

E14092-01

April 2011

This document contains important information for Oracle Secure Enterprise Search 11*g* Release 1 (11.1.2.2) that is not included in the regular documentation.

This document may be updated after it is released. To check for updates to this document and to view other Oracle documentation, refer to the Documentation section on the Oracle Technology Network (OTN) Web site:

http://www.oracle.com/technology/documentation/

This document contains the following topics:

- Mandatory Software Patches
- Patch 9740780 Upgrade Instructions
- Oracle Access Manager (OAM) Support
- Changes to Supported Document Types
- Desupported Features
- Known Issues and Open Bugs
- Documentation Accessibility

Mandatory Software Patches

You can download software patches from My Oracle Support at

https://support.oracle.com

Patch 9740780 Upgrade Instructions

Patch 9740780 significantly reduces the time needed to upgrade the index. The following steps supplement but do not replace the upgrade procedures in the *Oracle Secure Enterprise Search Installation and Upgrade Guide* for your Linux or UNIX-based platform.

To install the patch during an interactive upgrade to Oracle SES 11.1.2.2:

1. Complete the preupgrade steps in the *Oracle Secure Enterprise Search Installation and Upgrade Guide*.

2. Review "Upgrade Issues" on page 4 for additional preupgrade steps.

3. Download patch 9740780 to the installation system from My Oracle Support at

   https://support.oracle.com

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Tip: Do not unzip it yet.

4. Start Oracle Universal Installer for Oracle SES 11*g* Release 1 (11.1.2.2).

5. Choose to upgrade the existing installation, and enter the installation paths and administrative password as required.

6. On the Install page, watch the installation messages closely. Click **Stop Installation** when "Installation in progress" changes to "Install successful." Do *not* exit from Oracle Universal Installer. Allow the Exit dialog box to remain open while you complete the next step.

   You can stop the installation at any time during the Link or Setup phases, while "Configuration pending" is still displayed.

7. Unzip the patch into the new 11*g* `ORACLE_HOME` in `$ORACLE_HOME/search/patch/11.1.2.2`. For example:

   ```
   unzip p9740780_11122_Generic.zip -d
   /oracle/product/11.1.2.2/ses/seshome/search/patch/11.1.2.2
   ```

   This directory contains the other patches, which were copied there by the installer.

8. In the Exit dialog box, resume the installation by clicking **No** in response to "Are you sure you want to stop the installation and exit?" Do *not* exit from the installer.

9. Complete the upgrade and postupgrade steps in the *Oracle Secure Enterprise Search Installation and Upgrade Guide*.

10. Download and install patch 9625180, which is described in "9625180: EQ_SYS AND EQ_TEST DB PASSWORDS EXPIRE AFTER 180 DAYS, SEARCH THROWS ORA-28001" on page 12.

11. Review "Upgrade Issues" on page 4 for additional postupgrade steps.

Oracle Access Manager (OAM) Support

Release 11.1.2.2 supports Oracle Access Manager 10.1.4 or later to SSO-protect the Oracle SES default search application running on WebLogic Server. Crawling support for OAM-protected sources is planned for a future release of Oracle SES. For configuration instructions, see "Security in Oracle Secure Enterprise Search" in the Oracle SES Administration Guide on Oracle Technology Network. These instructions are not part of the documentation that is included with the product.

Changes to Supported Document Types

Oracle SES uses Oracle Text to convert binary documents to HTML. This section lists the changes to supported document types for this release.

Support is dropped in Oracle SES release 11.1.2.2 for these document types:

- Applix Word
- Applix Spreadsheet
- IBM DCA-RFT
- Folio Flat File
- Fujitsu Oasys
- Microsoft Visio XML Format

Support is added in Oracle SES release 11.1.2.2 for these document types:

- Microsoft Office 2007

- SUN StarOffice

- Haansoft Hangul Documents

For a complete list of supported document types, open the Oracle SES Administration tool from within the product. Customize a data source and select the **Document Types** subtab.

Desupported Features

This section contains features and functionality that is desupported for this release.

This section contains these topics:

- Desupport of V1 Agent

- Deprecated Public Web Services

- Deprecated Connectors

Desupport of V1 Agent

The V1 Agent, called the Crawler Agent API in Oracle Ultra Search, is desupported in Oracle SES release 11.1.2.2 (The V1 Agent is the predecessor of the current crawler plug-in API in Oracle SES.)

Deprecated Public Web Services

The Oracle SES 10*g* Administration API is deprecated in this release (searchadminctl and the associated Web services). The Oracle SES release 11.1.2.2 Administration API replaces it. Therefore, the following public Web services are deprecated in this release:

- oracle.search.admin.ws.client.SearchAdminClient

    The operations for this service include:

    - getEstimatedIndexFragmentation

    - getSchedules

    - getScheduleStatus

    - optimizeIndexNow

    - startSchedule

    - stopSchedule

    - login

    - logout

- oracle.search.admin.ws.client.Schedule

- oracle.search.admin.ws.client.ScheduleStatus

Deprecated Connectors

The following connectors are deprecated in this release, so that maintenance will be provided only when issues are raised by existing customers. No active development, testing, or certification will be provided for any of these connectors.

- FileNet Image Server
- FileNet P8 Content Engine
- Open Text LiveLink Enterprise Server
- Hummingbird DM
- IBM DB2 Content Management

Known Issues and Open Bugs

This section contains the latest known issues and bugs for this release and contains these topics:

- Installation Issues
- Upgrade Issues
- Open Bugs

> **Note:** For updated information on bugs, workarounds, and best practices, visit the Oracle SES Web site at:
>
> http://www.oracle.com/technology/products/oses/index.html

Installation Issues

This section contains known issues for this release that affect installation.

8503413: RUNINSTALLER DOES NOT HONOR THE -IGNORESYSPREREQS FLAG

In interactive or silent mode, the `-ignoreSysPrereqs` flag is ignored and `runInstaller` performs the checks for system prerequisites.

Workaround: Execute `runInstaller` as in the following example:

```
./runInstaller -ignorePrereq -silent -debug -responseFile ~/upgrade.rsp
```

You must specify a response file if you use the `-responseFile` flag. The `ignoreSysPrereqs` flag skips the very first, initial system prerequisite check, which checks swap, memory, and color depth.

9295102: INSTALLATION FAILS WITH ORA-01031 WHEN PASSWORD IS MULTI-BYTE

The installation fails with an ORA-01031 error when multibyte characters are entered for the administrator password.

Workaround: Enter only ASCII characters for the password.

Upgrade Issues

This section lists known issues that affect the upgrade process.

8662950: VERSION OF IDENTITY PLUGIN IS 10.1.8.2.0 IN UPGRADE INSTANCE

In Oracle SES 11.1.2.2, when identity plug-in configuration is exported using the Oracle SES Administration API `searchadmin`, the release number (also referred to as *version* number) of a few identity plug-ins may be incorrect in the exported XML. Only the release number string of a few identity plug-ins are affected in the exported XML. This does not have any impact on the identity plug-in itself.

Workaround: The release number string will be displayed correctly in the Oracle SES Administration UI on importing the same XML into an Oracle SES 11.1.2.2 instance.

9261343: CDB PERFORMS FORCED CRAWL AFTER UPGRADE EVEN IF MODE IS INCREMENTAL

Content Database Source (CDB) executes a forced crawl even though the mode is set to `incremental` after the upgrade. This happens only during the first crawl performed immediately after upgrade (CDB indexes all documents even when mode is set as `incremental` and no changes are made on the repository side).

Workaround: There is no workaround.

9290561: MIGRATE_10184_SECURITY_DATA FAILED

Trusted entities that were created in Oracle SES 10.1.8.0 cause an error during the last stage of the upgrade:

```
ORA-28817: PL/SQL function returned an error.
ORA-06512: at "SYS.DBMS_CRYPTO_FFI", line 67
ORA-06512: at "SYS.DBMS_CRYPTO", line 44
ORA-06512: at "EQSYS.DEOBFUSCATE", line 10
```

Workaround: Delete all trusted entities before starting the upgrade. Use the Oracle SES Administration GUI to delete them, or take these steps:

1. Open SQL*Plus and connect as `eqsys`.

2. Run the EQ_ADMIN.USE_INSTANCE procedure:

   ```
   EXECUTE eq_adm.use_instance(1);
   ```

3. Delete the trusted entities:

   ```
   DELETE FROM eq$trusted_entity;
   ```

4. Save the changes:

   ```
   COMMIT;
   ```

5. After the upgrade is complete, re-create the trusted entities.

9326121: POST 10G-11.1.2 UPG ZONE-TO-FIELD CONVERSION CAN TAKE EXTRA TIME WITH A LARGE NUMBER OF DOCUMENT ATTRIBUTES

The post upgrade script `enable_ses1112_improve.sql` performs the zone-to-field conversion very slowly.

Workaround: There is no workaround.

9336801: POST UPGRADE SCRIPT REQUIRES LARGE AMOUNT OF DISK SPACE

Running postupgrade script `enable_ses1112_improve.sql` requires a large amount of disk space.

Workaround: Before upgrading Oracle SES from 10.1.8.4.0 to 11.1.2.2, download Oracle SES patch 9403944 to estimate the disk space required to run enable_ses1112_improve.sql.

9374665: ORA- ERRORS IN INSTALL LOG FOR 10.1.8.4 -> 11.1.2.2 UPGRD

Miscellaneous ORA errors appear in the install log after upgrading. These also appear in `seshome/cfgtoollogs/searchctl_install.log`. For example:

```
.... creating policy for markup
begin
*
ERROR at line 1:
ORA-20000: Oracle Text error:
DRG-10700: preference does not exist: eq_filter
ORA-06512: at "CTXSYS.DRUE", line 160
ORA-06512: at "CTXSYS.CTX_DDL", line 954
ORA-06512: at line 2
```

Workaround: These errors can be safely ignored.

11818382 : 11.1.2.2_LIN.X64_RC2: ORA-04043 ERROR IN SEARCHCTL_INSTALL LOG FOR UPGRD

ORA-04043 error appears in the install log (`seshome/cfgtoollogs/searchctl_install.log`) after upgrading.

```
... drop temporary procs
drop procedure repos_mkdir_p
*
ERROR at line 1:
ORA-04043: object REPOS_MKDIR_P does not exist
```

Workaround: This error can be safely ignored.

BUG 9740780: UPGRADE TAKES VERY LONG TIME FOR LARGE INDEX

An upgrade appears to hang during processing of a very large eq$cache table on Linux and UNIX platforms.

Workaround: Install patch 9740780 during the upgrade, as described in "Patch 9740780 Upgrade Instructions" on page 1.

BUG 11839505: 11122LNXRC2UPG1112: AUDIT_FILE_DEST IN THE UPGRDED SES INSTANCE IS DEPENDENT ON THE OLD SES INSTANCE

After upgrading from Oracle SES 11.1.2 to Oracle SES 11.1.2.2, the fields `audit_file_dest` and `db_recovery_file_dest` in the upgraded Oracle SES instance file `sesupd1/seshome/dbs/initses1.ora` are still dependent on the files in the old Oracle SES instance. The upgraded Oracle SES instance will not work if these dependent files are removed from the old Oracle SES instance.

Workaround: Do not remove the original `SEARCH_BASE` after running the `deinstall_ses` script to deinstall the old Oracle SES instance. Specifically, the `admin` and the `flash_recovery_area` directories must be retained.

Open Bugs

This section lists the general known bugs for this release.

6934015 and 10013814: IPv6 COMPATIBILITY ISSUE

This issue is applicable for all the operating systems supported by Oracle SES.

If your operating system supports Internet Protocol version 6 (IPv6), then under some circumstances, this may lead to the failure in starting up the WebLogic Server middle tier.

Workaround:

If IPv6 is enabled on your operating system, then disable it before installing Oracle SES.

Following are the steps to disable IPv6 on Linux and Windows operating systems. For disabling IPv6 on other operating systems, refer to your operating system specific documentation.

For Linux:

Comment the IPv6 entries in the `/etc/hosts` file as shown below:

```
# special IPv6 addresses
# ::1             localhost ipv6-localhost ipv6-loopback

# fe00::0         ipv6-localnet

# ff00::0         ipv6-mcastprefix
# ff02::1         ipv6-allnodes
# ff02::2         ipv6-allrouters
# ff02::3         ipv6-allhosts
```

For Windows:

Disable all the IPv6 components, except the IPv6 loopback interface, as explained below:

1. Click **Start**, type `regedit` in the **Start Search** box, and then click **regedit.exe** in the **Programs** list.

2. In the **User Account Control** dialog box, click **Continue**.

3. In **Registry Editor**, locate and then click the following registry subkey:
    `HKEY_LOCAL_`
    `MACHINE\SYSTEM\CurrentControlSet\Services\Tcpip6\Parameters\`.

4. Double-click **DisabledComponents** to modify the **DisabledComponents** entry.

Note: If the **DisabledComponents** entry is unavailable, you must create it. To do this, follow these steps:

1. In the **Edit** menu, point to **New**, and then click **DWORD (32-bit) Value**.
2. Type **DisabledComponents**, and then press **ENTER**.
3. Double-click **DisabledComponents**.

---

5. Type `0xffffffff` to disable all IPv6 components, except the IPv6 loopback interface.

6. Click **OK**.

For more information on disabling the IPv6 components on Windows, refer to the Microsoft website: http://support.microsoft.com/kb/929852.

6400299: RICH QUERY UI DOES NOT RENDER CORRECTLY FOR BIDIRECTIONAL LANGUAGES

The new Rich Query UI in this release does not support correct rendering for bidirectional languages (for example, Arabic and Hebrew).

Workaround: There is no workaround.

6860280: ISSUE WITH THE PARAMS OF THE TOPIC CLUSTERING METADATA EXTRACTION

Two query-time clustering parameters under Global Settings/Clustering Configuration do not work. Under Single Word Extraction: `Minimum occurrence` and `Maximum number of words to extract` do not work. Under Phrase Extraction: `Minimum occurrence` and `Maximum number of phrases to extract` do not work.

Workaround: There is no workaround.

7456946: CHINESE DISPLAYED INCORRECTLY IN SUGGESTED CONTENT

Under certain scenarios, content with Chinese character set does not display correctly. See the bug for scenario and setup.

Workaround: There is no workaround.

7488403: GARBAGE CODE IS DISPLAYED WHEN CRAWL A PDF FILE FROM OTN

Characters in PDF documents with custom-encoded fonts do not index correctly. This is a known limitation in Oracle Text. Oracle Text, and therefore Oracle SES, cannot determine the countless ways that embedded fonts might have been customized. To see if this problem is the cause for display garbage in a PDF, in Acrobat Reader click **File** and **Properties**, and select the **Fonts** tab. You can verify that custom-encoded fonts are the cause of the display problem.

Workaround: Avoid using custom-encoded fonts when creating PDF documents. There is no workaround for viewing PDF documents that were created using custom-encoded fonts.

8659019: INTERNAL QUERY SYNTAX ERROR OCCURS WHEN SEARCHING FOR ATTRIBUTE TAG

Tag attribute search is not supported in Oracle SES 11.1.2 (in fresh installations and in upgraded installations). For example, `TAG:="info"` fails and generates an error:

```
Internal query syntax error
```

Workaround: Do not search on Tag attribute.

8982493: SES MIDTIER START/STOP WARNING MESSAGES (SECURITY NOTICE BEA-090898)

Security warnings appear when connecting to the node manager with WebLogic as the midtier. This is because WebLogic does not recognize the CA certificates from the midtier of the earlier Oracle SES release.

Workaround: Ignore the warning messages in the log. If you are concerned about the log indicating the warnings, remove the offending CA certificates from the truststore (or keystore). By default, WebLogic Server is configured with `DemoTrust.jks` and ignores the JDK CA certificate trust stores. Therefore, removing the offending CA certs from the JDK CA certs file should cause the warning to cease.

Alternatively, the following solution may be applied.

Set the `Dweblogic.StdoutSeverityLevel` system property to limit the number of warnings:

```
-Dweblogic.StdoutSeverityLevel=16
```

(Or substitute a lower number depending on how many messages you want to display, such as 8, 4, 2,1.)

9091672: CANNOT OBTAIN XACONNECTION, NO RESOURCES LEFT IN ENTERPRISESEARCHDS

When XA Connection is enabled and seems to not be efficiently utilized by Oracle SES, an exception is thrown while creating a connection for pool `EnterpriseSearchDS`. The listener refuses the connection with the following error:

ORA-12528, TNS:listener: All appropriate instances are blocking new connections

By default the `min` and `max` values of JDBC connection pool capacity are 20/100. In extreme scenarios (>= 1500 concurrent users, >= 2 million docs / 50 GB content size), and especially where the hardware specification is less than 4 CPUs and 16 GB RAM, available resources will not be able to handle new connections. In this case, tuning the values to 200/200 can provide a solution.

Workaround: XA Connections will eventually get freed up when traffic subsides. If this is a recurring issue, then consider tuning the WebLogic midtier, JDBC Connection Pool `max` and `min` capacity values, for example, to something like 200/200. See *Oracle Database Performance Tuning Guide* for procedures.

9112217: IMPDP FAILED FOR PARTITIONED TGT, ORA-00059: MAX # OF DB_FILES EXCEEDED

If the deployment has a large number of DBFs under ORADATA that are pushing above the limits of the `db_files` value, then `impdp` of multi-source dump into the target Oracle SES instance fails.

Workaround: Update `init.ora` to increase the value of `db_files` to something like 10% more than the current DBF count.

9130467: PRE-11.1.2 UPGRADE PATCH HISTORY NOT PRESERVED FROM 10G

The opatch `lsinventory` does not return all patch history carried over from earlier releases.

Workaround: In order to see the history for earlier instances, you must query each Oracle home and print or note the history. Additionally, after you have verified that the upgraded Oracle SES 11*g* instance is working, you may remove the Oracle SES 10*g* home. See *Oracle Secure Enterprise Search Installation and Upgrade Guide for Linux* for procedures.

9154080: SEARCHCTL RESTART TAKES APPROXIMATELY 2.5 MINUTES

The `searchctl` restart takes about 2.5 minutes to complete in this release. This is due to integration with WebLogic server, which provides substantially more services. (The previous Oracle SES release used OC4J.)

Workaround: There is no workaround.

9192452: PORTLET- REDIRECT PAGE SHOWS UNAVAILABLE CONTENT FOR FILE ETC SOURCE

The query user may not be logged in to the Oracle SES query application, even if both the OracleAS Portal instance and the Oracle SES instance are pointing to the same identity server (for example, the `OID`).

Workaround: Configure the OracleAS Portal instance and the Oracle SES Query application to use Single Sign-on (SSO), and configure the ORacle SES Query

application to require *login* for all content. Then, when the users are redirected to the display JSP for the search result, they will be logged in through SSO and will therefore have access to the content.

9233383: DB DUMPED CORE AFTER HITTING ORA-600 [KDSGRP1] DURING LIGHT PUBLIC QUERY STRESS

This intermittent failure is observed during deployment, and happens only with the concurrent execution of low level read and write activities during a timeslice.

Workaround: There is no workaround.

9241318: MULTIBYTE NAMES NOT SUPPORTED BY WNA

Multibyte login name is not supported by WNA since the underlying WebLogic implementation for Kerberos authentication does not support such names.

Workaround: There is no workaround.

9246468: DEFAULT CACHE WILL BE STORED ON THE OPERATING SYSTEM

The Mailing List data source uses storage on the operating system.

Workaround: All new Mailing List sources must use the same cache location as the default parent Mailing List source.

9268418: THE JDBC HEALTH STATUS IN ADMINSERVER IS ALWAYS CRITICAL

After installing or upgrading to this release, when you log in to the WLS Administration console (`http://$HOST_NAME:$WLS_LISTEN_PORT/console`) and check the status of AdminServer, the status is shown as Critical instead of OK. Then when you check the detail health information of the server, you can see that the status of JDBC is Critical with reason "Connection Pool Name = null:null:mds-owsm, State = Unhealthy."

Workaround: Define the JDBC data source for the Oracle Web Services Manager (OWSM) template as described below:

1. Log in to the WebLogic admin console (`http://host:port/console`).

2. Set the domain instance to **lock/edit** mode.

3. In the left navigation menu, select **Services > JDBC > Data Sources**.

4. Replace the value of **mds-owsm > Connection Pool > URL** with that from **EnterpriseSearchDS > Connection Pool > URL**.

5. Click **Save**.

6. Click **Activate Changes**.

7. Restart the middle tier.

> **Note:** If Oracle SES is configured with portlet and this workaround is not applied, then the WebLogic server may generate diagnostic incident reports at close intervals, which may cause the file system to run out of space.

9280235: EXCEPTION BEING PRINTED WITH FULLY QUALIFIED PATH

The old stack used to throw `javax.xml.soap.SOAPException`. The new stack throws `javax.xml.rpc.soap.SOAPFaultException`, which is mapped back to

`SOAPException` on the client side. When the exception message is printed, it starts with the fully qualified name of the exception class and not just the name of the exception class. For example, `javax.xml.SoapException` instead of just `SoapException`.

Workaround: To avoid this problem, the Oracle SES release 11.1.2 query WS client API must be run in JDK 1.6 or higher. This workaround is not confirmed on all systems.

9298458: ORACLE TEXT ERRORS IN UPGRADE LOG

This Oracle Text error appears twice in the installActions log:

```
ORA-20000: Oracle Text error:
DRG-10700: preference does not exist: eq_filter
```

Workaround: Ignore these errors. They do not affect the upgrade.

9361080: WEB-SERVICES BASED CONNECTOR PLUG-IN DEVELOPMENT

In order to develop any identity or authorization plug-in that is based on a Web service, the proxy stub classes that the plug-in uses to access the Web service must be added to commons-plugins-stubs.jar.

Workaround: Add the proxy stub classes that your plug-in uses to:

Oracle_Home/search/lib/plugins/commons-plugins-stubs.jar

9359467: WEBLOGIC SERVER - LOG ROTATION FAILS TO WORK AS EXPECTED

After setting `rotate_logfile` back to `true` and restarting the Oracle SES midtier, the logging *Rotation type* configuration in the WLS Admin Console still shows as NONE. The logfile rotation setting has not been reenabled.

Workaround: A partial workaround for this problem is as follows.

1. Go to the WLS Console at `http://host:port/console`.

2. Select **Servers/AdminServer** and click the **Logging** tab.

3. On the Logging tab, click **Lock & Edit** and make the appropriate configuration changes and click **Save**. (You must save your changes before activating them in the next step.)

4. Click **Activate Changes**.

5. Restart the Oracle SES midtier.

9369154: EXCEPTION WHEN OPEN QUERY PAGE OF SSO INSTANCE

Some of the required SSO parameters are not configured by default in the query plan.

Workaround: When enabling SSO using the query application deployment plan, which is located at `$ORACLE_HOME/search/tools/weblogic/deploy/plans/QueryPlan.xml`, in addition to the `sso_enabled` flag, the following parameters must be configured:

```
    <variable>
      <name>sso_vendor_name</name>
      <value>osso</value>
      <description>The SSO vendor name.</description>
    </variable>

    <variable>
      <name>sso_user_guid_header</name>
```

```
   <value>Osso-User-Guid</value>
   <description>The HTTP header name that the SSO server uses to pass the
user GUID to SES. The value in the header should match the value of the users
canonical attribute for the active identity plugin.</description>
   </variable>

   <variable>
    <name>sso_username_header</name>
    <value>REMOTE_USER</value>
    <description>The HTTP header name that the SSO server uses to pass the
search username to SES. The value in the header should match the value of the
users authentication attribute for the active identity plugin. Specify
REMOTE_USER to use getRemoteUser in the HTTP request to retrieve the
username.</description>
   </variable>
```

9589783: REGISTERING SES PORTLET FAILS ON PORTAL 10.1.4.2.0 + PSE PATCH 7560661

Registering an Oracle SES Portlet on Portal 10.1.4.2 against an Oracle SES 11.1.2.2 end point running on Solaris SPARC (64-Bit) or IBM AIX, results in the following error message:

```
An error occurred during the call to the WSRP Provider: Java stack trace from root
exception:
java.rmi.ServerException: java.lang.RuntimeException: Internal Error
```

Workaround: There is no workaround.

9625180: EQ_SYS AND EQ_TEST DB PASSWORDS EXPIRE AFTER 180 DAYS, SEARCH THROWS ORA-28001

Search functionality breaks after 180 days of use.

Workaround: Install patch 9625180.

9755414: "ORACLE VSS WRITER" SERVICE DOES NOT START OR STOP USING THE SEARCHCTL COMMAND

The database service *Oracle VSS Writer* does not start or stop using the Oracle SES command searchctl on Microsoft Windows.

Workaround: Oracle SES is currently not using this service on Microsoft Windows, because it is a separate service on Microsoft Windows for database backup and recovery. You should manually start or stop this service.

8924865: "EQUALS" OPERATOR DOES NOT REMOVE THE DOUBLE QUOTATION MARKS PRESENT IN THE ATTRIBUTE VALUE DURING SEARCH

The search query does not work as expected, when the filter value in the attribute filter is enclosed in double quotes in the query page.

Workaround: There is no workaround.

9914304: SHAREPOINT CONNECTOR DOESN'T HANDLE CAD FILES

Sharepoint connector does not crawl CAD files stored in a Sharepoint server.

Workaround: To crawl CAD files, you should insert the following text in the beginning of the ORACLE_HOME/search/data/config/crawler.dat file: MIMEINCLUDE application/octet-stream.

11867873: CANNOT SEARCH IN THE GROUP CONTAINING PORTAL SOURCE ONLY

When Parallel Query option is enabled with partitioning based on the data source type in Oracle SES, the search operation in the Oracle SES Query application does not return any result for the data source group that contains only the OracleAS Portal type of source.

Workaround: There is no workaround.

11894473: ALTERNATE WORD NOT DISPLAYED WHEN USING PHRASE SEARCH

The alternate word is not displayed when using the phrase search in the Oracle SES Query application.

Workaround: There is no workaround. In the Oracle SES 11.1.2.2 release, the alternate words expansion is turned off for searches that use advanced constructs like thesaurus-based search, proximity search, fuzzy search, phrase search, and compulsory exclusion search.

11798419: DEINSTALL OF OLD SES HOME MAKES THE UPGRADED SES HOME NON-FUNCTIONAL

During upgrade from Oracle SES 10.1.8.4/11.1.2.0 to Oracle SES 11.1.2.2, when the old Oracle SES instance (10.1.8.4/11.1.2.0) is deinstalled, the new upgraded Oracle SES instance (11.1.2.2) becomes non-functional.

Workaround: This happens because after deinstalling the old Oracle SES instance (10.1.8.4/11.1.2.0), the contents of `oradata` directory get deleted, making the new upgraded Oracle SES instance (11.1.2.2) non-functional. To resolve this issue, install the patch 11798419. See *Oracle Secure Enterprise Search Installation and Upgrade Guide for Linux* for more information on installing the patch 11798419.

11890791: INVALID OBJECT EQ$INDEX_TOKENS AFTER UPGRADING FROM SES 11.1.2.0 TO SES 11.1.2.2

The status of `EQ$INDEX_TOEKNS` view becomes `INVALID` after upgrading from Oracle SES 11.1.2.0 to Oracle SES 11.1.2.2.

Workaround: You may ignore this, as there is no functionality impact because of the invalid `EQ$INDEX_TOEKNS` view.

10647571: INTRODUCE A MODE IN IMAP EMAIL CONNECTOR TO EXCLUDE ATTACHMENTS

In the Oracle SES releases earlier to 11.1.2.2, when attachments are excluded by document type exclusion rules, there is no efficient way to revisit them again in the future, unless doing a force recrawl.

Workaround: In Oracle SES 11.1.2.2, Imap Email connector has been enhanced to track the skipped attachments. A new parameter "Revisit Skipped Attachments" is now added, so that when set to TRUE, the connector revisits the skipped attachments from the earlier crawls based on the current document type inclusion rules. By default, the value of this parameter is set to FALSE, and the skipped attachments from the earlier crawls are not revisited.

12328699: SES 11.1.2.0 NODEMANAGER PROCESS IS STILL ALIVE AFTER UPGRADING TO SES 11.1.2.2

After upgrading from Oracle SES 11.1.2.0 to Oracle SES 11.1.2.2, the NodeManager process for the old SES instance (11.1.2.0) is still running.

Workaround: There is no functional impact. You may kill the process for the old SES instance after the upgrade.

12321729: FEDERATION ENGINE CONFIGURATION MAX/MIN THREADS VALUE IS SET TO 20 INSTEAD OF 100 AFTER UPGRADING FROM SES 10.1.8.2 TO SES 11.1.2.2

After upgrading from Oracle SES 10.1.8.2 to Oracle SES 11.1.2.2, the values for the minimum and the maximum number of threads of Federation Engine Configuration and Security Filter Configuration are set to 20 instead of their earlier value of 100.

Workaround: You will have to manually set these thread values to 100 in the Oracle SES 11.1.2.2 instance after the upgrade. Following are the steps to achieve this using SES Administration GUI:

1. In the Oracle SES 11.1.2.2 Administration GUI, navigate to **Global Settings > Query Configuration**.

2. In the **Federation Engine Configuration** section, set the values of **Minimum Number of Threads** and **Maximum Number of Threads** to 100.

3. In the **Security Filter Configuration** section, set the values of **Minimum Number of Threads** and **Maximum Number of Threads** to 100.

4. Click **Apply**.

Alternately, you can use SES Administration API to achieve this. Run the following command at the command line:

```
searchadmin export queryConfig -o qc.xml
```

Open the `qc.xml` file in a text editor, and set the values for the minimum and the maximum number of threads of Federation Engine Configuration and Security Filter Configuration to 100. Save these settings using the following command:

```
searchadmin update queryConfig -i qc.xml -a overwrite
```

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