

Critical Patch Update (CPU) Program Oct 2021 Patch Availability Document (PAD) (Doc ID 2796575.1)

APPLIES TO:

Oracle Database Cloud Schema Service - Version N/A and later
Oracle Database Exadata Express Cloud Service - Version N/A and later
Oracle Database Backup Service - Version N/A and later
Oracle Database - Enterprise Edition - Version 12.1.0.2 and later
Oracle Fusion Middleware - Version 11.1.1.7.0 and later
Information in this document applies to any platform.

PURPOSE

This document defines the patches and minimum releases for the Database Product Suite, Fusion Middleware Product Suite, Exalogic, and Enterprise Manager Suite Critical Patch Updates and Patch Set Updates released on October 19, 2021.

SCOPE

The document is for Database Administrators and/or others tasked with Quarterly Security Patching.

DETAILS

Database, Fusion Middleware, and Enterprise Manager Critical Patch Update October 2021 Patch Availability Document

My Oracle Support [Note 2796575.1](#)

Released October 19, 2021

This document contains the following sections:

- [Critical Patch Update October 2021 Patch Availability Document \(PAD\)](#)
 - [1 Overview](#)
 - [1.1 How To Use This Document](#)
 - [1.2 Terminology in the Tables](#)
 - [1.3 On-Request Patches](#)
 - [1.4 CPU Program and My Oracle Support Patch Recommendations](#)
 - [1.5 My Oracle Support \(MOS\) Conflict Checker Tool](#)
 - [2 What's New in October 2021](#)
 - [2.1 "Final CPU Information \(Error Correction Policies\)"](#)
 - [2.2 "Post Release Patches"](#)
 - [3 Patch Availability for Oracle Products](#)
 - [3.1 Oracle Database](#)
 - [3.2 Oracle Enterprise Manager](#)
 - [3.3 Oracle Fusion Middleware](#)
 - [3.4 Oracle Sun Middleware](#)
 - [3.5 Tools](#)
 - [4 Final CPU History](#)
 - [5 Sources of Additional Information](#)
 - [6 Modification History](#)
 - [7 Documentation Accessibility](#)

Quick Links: [Read Me First](#) [DB 19c](#) [EM Cloud Control](#) [FMW](#) [WLS](#)

1 Overview

Oracle provides quarterly cumulative patches to address security vulnerabilities. The patches may include critical fixes in addition to the security fixes. The security vulnerabilities addressed are announced in the Advisory for October 2021, available at:

[Oracle Technical Network Advisory](#)

This document lists the Oracle Database, Fusion Middleware and Enterprise Manager CPU program cumulative patches for product releases under error correction. The October 2021 release supersedes earlier CPU program cumulative patches for the same product releases. This document is subject to continual update after the initial release, and the changes are listed in "[Modification History](#)." If you print this document, check My Oracle Support to ensure you have the latest version.

This section contains the following:

- [Section 1.1 "How To Use This Document"](#)
- [Section 1.2 "Terminology in the Tables"](#)
- [Section 1.3 "On-Request Patches"](#)
- [Section 1.4 "CPU Program and My Oracle Support Patch Recommendations"](#)
- [Section 1.5 "My Oracle Support \(MOS\) Conflict Checker Tool"](#)

1.1 How To Use This Document

The following steps explain how to use this document.

Step 1 Assess your Environments

Determine the Oracle product suites and products and their release numbers for each of your environments.

Step 2 Read Important Announcements

Review "[What's New in October 2021](#)," as it lists documentation and packaging changes along with important announcements such as upcoming final CPUs.

Step 3 Determine Patches to be Applied

For each environment, determine which patches need to be applied by using the tables in "[Patch Availability for Oracle Products](#)." There is one availability table for each product suite release, such as Oracle Database 12.2.0.1, Oracle Identity Access Management 11.1.2.3, and Enterprise Manager Cloud Control 13.4.0.0.

- The table lists the patches to be applied either to the product or to the appropriate product Oracle homes that are associated with the product suite
- The patches are listed in the order released, with newest patches listed first
- For some patches, multiple Oracle homes are listed. Apply the patch to all of the homes indicated that are applicable to your environment and only to the listed Oracle homes
- The table lists only product releases that are under Premier Support or Extended Support and are under error correction as defined in My Oracle Support [Note 209768.1](#), Database, FMW, Enterprise Manager, TimesTen In-Memory Database, and OCS Software Error Correction Support Policy. Patches are provided only for these releases. If you do not see the release that you have installed, then check "[Final CPU History](#)" and contact Oracle Support for further assistance
- Patches that include security vulnerabilities announced in the current quarter's CPU Advisory, list the vulnerability CVE numbers in the Advisory Number column. If you are interested in the risk matrix for the vulnerabilities fixed in the patch, then see the CPU Advisory at <http://www.oracle.com/technetwork/topics/security/alerts-086861.html>. For patches that are listed from previous quarterly releases, or the current one without any security fixes, the column indicates "Released MMM YYYY"
- When a section is referenced in a table, follow the link to determine which patches to install. For example, when "[Oracle Database](#)" is referenced, determine the Oracle Database release that is installed, and find the patches to apply in the table for that Oracle Database release in "[Oracle Database](#)."

Step 4 Apply the Patches

Download the patches, review the READMEs, and apply the patches according to the instructions.

Step 5 Planning for Future Critical Patch Updates

To help you plan for future Critical Patch Updates, this document includes Final CPU information based on Oracle's Lifetime Support Policy and error correction policies.

["Final CPU Information \(Error Correction Policies\)"](#) in ["What's New in October 2021,"](#) documents product releases for which final Critical Patch Updates are upcoming or are being announced. In each product section, there is also an Error Correction Information Table that documents the final CPU program patch for the product. Products that have reached the end of error correction are documented in ["Final CPU History."](#)

Oracle recommends that you [subscribe](#) to this Patch Availability Document in order to stay informed of any emergent problems.

1.2 Terminology in the Tables

The following terminology is used in this patch availability document and in the subsequent tables.

- **Update (RU)** - Release Update
- **Revision (RUR)** -Release Update Revision
- **BP** - Bundle Patch
- **Final CPU** is the last quarter that a product is supported in the CPU program as per the Premier Support and Extended Support policies. <http://www.oracle.com/us/support/lifetime-support/index.html>.
- **NA** Not Applicable.
- **OR** On-Request. The patch is made available through the On-Request program.
- **PSU** - Patch Set Update
- **SPU** - Security Patch Update. An iterative, cumulative patch consisting of security fixes.
- **Overlay SPU** patch provided as an overlay on top of a PSU or BP instead of a base/patch set release.

1.3 On-Request Patches

Oracle does not proactively release patches for historically inactive platforms. However, Oracle will deliver these patches when requested.

The following guidelines describe how to initiate an on-request (OR) patch.

A request may be made:

- At any time. However, a patch for a specific quarterly release, such as CPUOct2012, cannot be requested. Depending on when the request is received and processed, either the patch for the current quarterly release or the next quarterly release will be provided. Your Service Request (SR) will provide you the planned availability date for the patch.
- As long as the version is in either Premier Support or Extended Support and error correction support has not expired. For example, if a product release is under Extended Support through the release of CPUJan2013 on January 15, 2013, then you can file a request for the product release through January 29, 2013. For more information, see [Oracle Lifetime Support Policies](#) at <http://www.oracle.com/us/support/lifetime-support/index.html>, and [Note 209768.1](#), Database, FMW, Enterprise Manager, TimesTen In-Memory Database, and OCS Software Error Correction Support Policy.
- For a platform-version combination when a major release or patch set is released on a platform after a quarterly release date. Oracle will provide the next patch for that platform-version combination, however you may request the current patch by following the on-request process. For example, if a patch is released for a platform on August 1, 2012, Oracle will provide the CPUOct2012 patch for that platform. You may request a CPUOct2012 patch for the platform, and Oracle will review the request and determine whether to provide CPUJul2012 or CPUOct2012.

A patch that is marked as on-request (OR) may already have been requested by another customer and be available on My Oracle Support. Before you file a Service Request (SR), check on My Oracle Support to see if the patch is

already available for your platform.

1.4 CPU Program and My Oracle Support Patch Recommendations

My Oracle Support patch recommendation features are available on the Patches & Update tab. The patches announced in this document as part of the CPU program are classified as "Security" patch recommendations in My Oracle Support. If a new patch is being announced in this document, then the classification on any earlier patch is changed to "General", causing it to be removed from the My Oracle Support patch recommendations. If a patch has a "Security" classification, and a subsequent bundle, SPU, or PSU is released with a recommendation classification, then it will be classified as a "Security" recommendation in My Oracle Support.

Once a product release is no longer in error correction, its CPU patch information is removed from this document, but the last patch recommendation continues to be available in My Oracle Support. Ensure to select each of the products installed in your environment to obtain all patches.

1.5 My Oracle Support (MOS) Conflict Checker Tool

The My Oracle Support (MOS) Conflict Checker tool is available as of July 21, 2014.

You can access MOS Conflict Checker at <https://support.oracle.com/epmos/faces/PatchConflictCheck>. This tool is also accessible from the Patch Search results screen ("Analyze with OPatch" button).

The MOS Conflict Checker Tool allows you to upload an OPatch inventory to check for conflicts with patches to apply to your environment. If no conflicts are found, you can download the patches. If conflicts are found, the tool finds an existing resolution to download. If no resolution is found, you can request a solution, and monitor your request in the Plans region.

For more information and a demonstration video, see Knowledge Document [Note 1091294.1](#), How to Use the My Oracle Support Conflict Checker Tool for Patches Installed with OPatch [Video].

2 What's New in October 2021

This section describes important changes in October 2021:

- [Section 2.1 "Final CPU Information \(Error Correction Policies\)"](#)
- [Section 2.2 "Post Release Patches"](#)

2.1 Final CPU Information (Error Correction Policies)

The final CPU is the last quarter that a product is supported in the CPU program as per the Premier Support and Extended Support policies. Final CPUs for upcoming releases, as well as newly scheduled final CPUs, are listed in the following sections.

Final CPUs scheduled for Oct 2021

- Oracle Data Integrator 12.2.1.3
- Oracle Data Integrator 11.1.1.9
- Oracle Database Mobile Server 11.3.x
- Oracle GoldenGate 12.1.2.1
- Oracle GoldenGate for Big Data 12.3.2.1.0
- Oracle Enterprise Manager FMW Control 12.2.1.3
- Oracle Enterprise Manager FMW Control 11.1.1.9
- Oracle Business Intelligence Enterprise Edition 12.2.1.3
- Oracle Business Intelligence Enterprise Edition 11.1.1.9
- Oracle Business Intelligence Publisher 12.2.1.3
- Oracle Business Intelligence Publisher 11.1.1.9
- Oracle Enterprise Data Quality 12.2.1.3
- Oracle Enterprise Data Quality 11.1.1.9
- Oracle Enterprise Repository 11.1.1.7
- Oracle Forms and Reports 12.2.1.3
- Oracle Fusion Middleware Infrastructure 12.2.1.3
- Oracle Fusion Middleware Infrastructure 11.1.1.9
- Oracle GoldenGate 18.1
- Oracle GoldenGate 12.3.0.1
- Oracle HTTP Server 12.2.1.3
- Oracle Hyperion Analytic Provider Services 11.1.2.x

- Oracle Hyperion BI+ 11.1.2.x
- Oracle Hyperion Data Relationship Management 11.1.2.x
- Oracle Hyperion Enterprise Performance Management Architect 11.1.2.x
- Oracle Hyperion Essbase 11.1.2.x
- Oracle Hyperion Financial Close Management 11.1.2.x
- Oracle Hyperion Financial Management 11.1.2.0
- Oracle Hyperion Financial Reporting 11.1.2.x
- Oracle Hyperion Infrastructure Technology 11.1.2.4
- Oracle Hyperion Lifecycle Management 11.1.2.x
- Oracle Hyperion Planning 11.1.2.x
- Oracle Hyperion Profitability and Cost Management 11.1.2.4
- Oracle Hyperion Strategic Finance 11.1.2.x
- Oracle Hyperion Workspace 11.1.2.x
- Oracle Identity and Access Management 12.2.1.3.0
- Oracle Identity and Access Management 11.1.x.x
- Oracle JDeveloper and Oracle ADF 12.2.1.3
- Oracle JDeveloper and Oracle ADF 11.1.2.4
- Oracle JDeveloper and Oracle ADF 11.1.1.9
- Oracle Map Viewer 12.2.1.3
- Oracle Map Viewer 11.1.1.9
- Oracle Real Time Decisions Platform 3.2
- Oracle SOA Suite 12.2.1.3
- Oracle SOA Suite 11.1.1.9
- Oracle Traffic Director 12.2.1.3
- Oracle Traffic Director 11.1.1.9
- Oracle WebCenter 12.2.1.3
- Oracle WebCenter 11.1.1.9
- Oracle WebCenter Portal 12.2.1.3
- Oracle WebCenter Sites 12.2.1.3
- Oracle WebCenter Sites 11.1.1.8
- Oracle WebLogic Portal 10.3.7.0
- Oracle WebLogic Server 12.2.1.3.0
- Oracle WebLogic Server 10.3.6.0
- Oracle WebTier 11.1.1.9
- Oracle Coherence 12.2.1.3
- Oracle Coherence 3.7.1

Final CPUs scheduled for Jan 2022

- Oracle WebLogic Server 12.1.3.0
- Oracle Coherence 12.1.3.0

2.2 Post Release Patches

Oracle strives to complete preparations and testing of each Quarterly Security Patch for each platform by the quarterly release date. Occasionally, circumstances beyond our control dictate that a particular patch be delayed and be released a few days after the quarterly release date. The following table lists any current patch delays and the estimated date of availability.

Patch	Patch Number	Platform	Availability
21.4.0.0.211019 DB RU	Patch 33239276	Linux x86-64	Available
21.4.0.0.211019 GI RU	Patch 33250101	Linux x86-64	Available
19.13.0.0.211019 DB RU (& associated COMBO)	Patch 33192793 (& Patch 33248420)	zLinux, Solaris Sparc64, Solaris x86-64	Available
		HP-UX Itanium, AIX	13-Nov-2021
19.13.0.0.211019 GI RU (& associated COMBO)	Patch 33182768 (& Patch 33248471)	zLinux, Solaris Sparc64, Solaris x86-64	Available
		HP-UX Itanium, AIX	13-Nov-2021

19.12.1.0.211019 DB RUR	Patch 33210889	All	Available
19.12.1.0.211019 GI RUR	Patch 33204768	All	Available
19.11.2.0.211019 DB RUR	Patch 33153989	All	Available
19.11.2.0.211019 GI RUR	Patch 33248229	All	Available
12.2.0.1.211019 DBRU (& associated COMBO)	Patch 33261817 (& Patch 33248521)	HP-UX Itanium	Available
12.2.0.1.211019 GIRU	Patch 33290750	HP-UX Itanium	Available
COMBO 12.2.0.1.211019 GIRU	Patch 33248546	HP-UX Itanium	Available
12.1.0.2.211019 DB BP	Patch 33248411	Solaris Sparc64, Solaris x86-64, zLinux, HP-UX Itanium, AIX	Available
COMBO 12.1.0.2.211019 DB BP	Patch 33248596	All	Available
12.1.0.2.211019 DBPSU	Patch 33128590	All	Available
COMBO 12.1.0.2.211019 DBPSU	Patch 33248571	All	Available
12.1.0.2.211019 GIPSU	Patch 33248367	Solaris Sparc64, Solaris x86-64, AIX, zLinux, HP-UX Itanium	Available
COMBO 12.1.0.2.211019 GIPSU	Patch 33248580	All	Available
OJVM Release Update 19.13.0.0.211019	Patch 33192694	MS-Windows	13-Nov-2021
19.13.0.0.211019 WIN BP	Patch 33155330	All	13-Nov-2021
21.4 Quarterly Full Stack download for Exadata	Patch 33266144	All	Available
19.3 Quarterly Full Stack download for Exadata	Patch 33248572	All	Available
12.2.0.1 Quarterly Full Stack download for Exadata	Patch 33248531	All	Available
12.1.0.2 Quarterly Full Stack download for Exadata	Patch 33248499	All	Available
Quarterly Full Stack download for SuperCluster (Q4.2021)	Patch 33248582	All	01-Dec-2021

3 Patch Availability for Oracle Products

This section contains the following:

- [Section 3.1 "Oracle Database"](#)
- [Section 3.2 "Oracle Enterprise Manager"](#)
- [Section 3.3 "Oracle Fusion Middleware"](#)
- [Section 3.4 "Oracle Sun Middleware"](#)
- [Section 3.5 "Tools"](#)

3.1 Oracle Database

This section contains the following:

- [Section 3.1.1 "Oracle REST Data Services \(formally called Oracle APEX Listener\)"](#)
- [Section 3.1.2 "Oracle Application Express"](#)
- [Section 3.1.3 "Oracle Graph Server and Client"](#)
- [Section 3.1.4 "Oracle Big Data Spatial and Graph"](#)

- [Section 3.1.5 "Oracle Database"](#)
- [Section 3.1.6 "Oracle Database Mobile/Lite Server"](#)
- [Section 3.1.7 "Oracle GoldenGate"](#)
- [Section 3.1.8 "Oracle GoldenGate for Big Data \(Formerly known as Oracle GoldenGate Application Adapters\)"](#)
- [Section 3.1.9 "Oracle GoldenGate Veridata"](#)
- [Section 3.1.10 "Oracle NoSQL Database"](#)
- [Section 3.1.11 "Oracle Secure Backup"](#)
- [Section 3.1.12 "Oracle Spatial Studio"](#)
- [Section 3.1.13 "Oracle SQL Developer"](#)
- [Section 3.1.14 "Oracle Stream Analytics"](#)
- [Section 3.1.15 "Oracle TimesTen In-Memory Database"](#)
- [Section 3.1.16 "Oracle Essbase "](#)

3.1.1 Oracle REST Data Services (formally called Oracle APEX Listener)

Minimum Product Requirements for Oracle REST Data Services

Critical Patch Update security vulnerabilities are fixed in the listed releases. For Oracle REST Data Services downloads and installation instructions, see <http://www.oracle.com/technetwork/developer-tools/rest-data-services/overview/index.html>.

Product	Release	Advisory Number	Comments
Oracle REST Data Services	21.3	CVE-2021-28165, CVE-2021-28169, CVE-2021-34428, CVE-2020-11988, CVE-2019-17566, CVE-2020-11987	

3.1.2 Oracle Application Express

Minimum Product Requirements for Oracle Application Express

Critical Patch Update security vulnerabilities are fixed in the listed releases. For Oracle Application Express downloads and installation instructions, see <http://www.oracle.com/technetwork/developer-tools/apex/downloads/index.html>.

Component	Release	Advisory Number	Comments
Oracle Application Express	21.1.0 Bundle Patch Patch 32598392	CVE-2021-26272, CVE-2021-26271	

3.1.3 Oracle Graph Server and Client

Minimum Product Requirements for Oracle Graph Server and Client

Critical Patch Update security vulnerabilities are fixed in the listed releases. For Oracle Graph Server and Client downloads and installation instructions, see <https://www.oracle.com/database/technologies/spatialandgraph/property-graph-features/graph-server-and-client/graph-server-and-client-downloads.html>

Component	Release	Advisory Number	Comments
Oracle Graph Server and Client	21.3.0.0.0	CVE-2021-25122, CVE-2021-25329, CVE-2020-8908, CVE-2021-23337, CVE-2020-28500, CVE-2020-25649	

3.1.4 Oracle Big Data Spatial and Graph

Minimum Product Requirements for Oracle Big Data Spatial and Graph

Critical Patch Update security vulnerabilities are fixed in the listed releases. For Oracle Big Data Spatial and Graph downloads and installation instructions, see <https://www.oracle.com/database/technologies/spatialandgraph/property-graph-features/graph-server-and-client/graph-server-and-client-downloads.html>

Component	Release	Advisory Number	Comments
Big Data Spatial and Graph	BDSG 3.0 Patch 30431133	Released July 2021	

3.1.5 Oracle Database

This section contains the following:

- [Section 3.1.5.1 "Patch Availability for Oracle Database"](#)
- [Section 3.1.5.2 "Oracle Database 21"](#)
- [Section 3.1.5.3 "Oracle Database 19"](#)
- [Section 3.1.5.4 "Oracle Database 12.2.0.1"](#)
- [Section 3.1.5.5 "Oracle Database 12.1.0.2"](#)

3.1.5.1 Patch Availability for Oracle Database

For information regarding the different types of patches for Database, refer to Oracle Database - Overview of Database Patch Delivery Methods - 12.1.0.2 and older, [Note 1962125.1](#) and Oracle Database - Overview of Database Patch Delivery Methods for 12.2.0.1 and greater, [Note 2337415.1](#)

3.1.5.2 Oracle Database 21

Patch Information	21	Comments
Final CPU	See Note 742060.1	
On-Request platforms	32-bit client-only platforms	

Patch Availability for Oracle Database 21

Product Home	Patch	Advisory Number	Comments
Oracle Database Server home	Database Release Update 21.4.0.0.211019 Patch 33239276 for UNIX, or GI Release Update 21.4.0.0.211019 Patch 33250101 , or Quarterly Full Stack download for Exadata (Oct2021) 21.4 Patch 33266144 for Linux x86-64, or	CVE-2021-35599, CVE-2021-35619, CVE-2021-2332, CVE-2021-35551, CVE-2021-35557, CVE-2021-35558, CVE-2021-29425, CVE-2021-29921, CVE-2020-28928, CVE-2021-2341, CVE-2021-2369, CVE-2021-2388, CVE-2021-2432, CVE-2021-25122 (GI)	21c does not have COMBO nor OJVM patches. Instead, the OJVM fixes are contained within the DB RU and the GU RU patches. The Database and GI Update and Revision patches include the JDK fixes released in the prior cycle. For the most recent JDK fixes a separate patch is available (see below) and needs to be installed in addition to the Database and GI patches.

Oracle Database Server, Client, and Global Data Services Home	JDK8u301 Patch 33197565	CVE-2021-3517, CVE-2021-35560, CVE-2021-35567, CVE-2021-35550, CVE-2021-3522, CVE-2021-35586, CVE-2021-35564, CVE-2021-35556, CVE-2021-35559, CVE-2021-35561, CVE-2021-35565, CVE-2021-35603, CVE-2021-35588, CVE-2021-35578	JDK patches for 32 bit clients would be build on demand basis.
Oracle Database Client, and Global Data Services Home	Database Release Update 21.4.0.0.211019 Patch 33239276 for UNIX	Released October 2021	The Instant Client installation is not the same as the client-only Installation. For additional information about Instant Client installations, see Oracle Call Interface Programmer's Guide .

3.1.5.2 Oracle Database 19

Patch Information	19	Comments
Final CPU	See Note 742060.1	
On-Request platforms	32-bit client-only platforms	

Patch Availability for Oracle Database 19

Product Home	Patch	Advisory Number	Comments
Oracle Database Server home	Combo OJVM Release Update 19.13.0.0.211019 and Database Release Update 19.13.0.0.211019 Patch 33248420 for UNIX, or Combo OJVM Release Update 19.13.0.0.211019 and GI Release Update 19.13.0.0.211019 Patch 33248471 , or Quarterly Full Stack download for Exadata (Oct2021) 19.13 Patch 33248572 for Linux x86-64	CVE-2021-35619, CVE-2021-2332, CVE-2021-35551, CVE-2021-35557, CVE-2021-35558, CVE-2021-35576, CVE-2021-29425, CVE-2021-35579, CVE-2020-27824, CVE-2021-25122 (GI)	See Note 1929745.1 , Oracle Recommended Patches -- Oracle JavaVM Component Database PSU (OJVM PSU) Patches. For patch availability, see section 2.2 Post Release Patches
Oracle Database Server home	Database Release Update 19.13.0.0.211019 Patch 33192793 for UNIX, or GI Release Update 19.13.0.0.211019	CVE-2021-2332, CVE-2021-35551, CVE-2021-35557, CVE-2021-35558, CVE-2021-35576, CVE-2021-29425, CVE-2021-35579, CVE-2020-27824, CVE-2021-25122 (GI)	From Jan2020 onwards the Database and GI Update and Revision patches include the JDK fixes released in the prior cycle. For the most recent JDK fixes a separate patch is available (see below) and needs to be installed in addition to the Database and GI patches. From Jan2021 onwards the Database and GI Update and Revision patches include updates to the

	<p>Patch 33182768, or</p> <p>Microsoft Windows 32-Bit and x86-64 BP 19.13.0.0.211019 Patch 33155330 or later, or</p> <p>Database Release Update Revision 19.12.1.0.211019 Patch 33210889 for UNIX, or</p> <p>GI Release Update Revision 19.12.1.0.211019 Patch 33204768, or</p> <p>Database Release Update Revision 19.11.2.0.211019 Patch 33153989 for UNIX, or</p> <p>GI Release Update Revision 19.11.2.0.211019 Patch 33248229, or</p> <p>Quarterly Full Stack download for Exadata (Oct2021) 19.13 Patch 33248572 for Linux x86-64, or</p> <p>Quarterly Full Stack download for SuperCluster (Q4.2021) Patch 33248582 for Solaris SPARC 64- Bit</p>		<p>Crypto libraries. See "MES v4.1.6 to v4.5 update 18c / 19c databases (Note 2746801.1)" for more details.</p> <p>From July 2021 onwards the Database and GI Update and Revision patches introduce a number of Native Network Encryption changes to deal with vulnerability CVE-2021-2351 and prevent the use of weaker ciphers. Customers should review: "Changes in Native Network Encryption with the July 2021 Critical Patch Update" Note 2791571.1</p> <p>For patch availability, see section 2.2 Post Release Patches</p>
<p>Oracle Database Server home</p>	<p>OJVM Release Update 19.13.0.0.211019 Patch 33192694 for all platforms</p>	<p>CVE-2021-35619</p>	<p>See Note 1929745.1, Oracle Recommended Patches -- Oracle JavaVM Component Database PSU (OJVM PSU) Patches</p>
<p>Oracle Database Server, Client, and Global Data Services Home</p>	<p>JDK8u311Patch 33197296</p>	<p>CVE-2021-3517, CVE-2021-35560, CVE-2021-35567, CVE-2021-35550, CVE-2021-3522, CVE-2021-35586, CVE-2021-35564, CVE-2021-35556, CVE-2021-35559, CVE-2021-35561, CVE-2021-35565, CVE-2021-35603, CVE-2021-35588, CVE-2021-35578</p>	<p>JDK patches for 32 bit clients would be build on demand basis.</p>

Oracle Database Server, Client, and Global Data Services Home	Perl Patch 31732095	Released January 2021	
Oracle Database Client, and Global Data Services Home	<p>Database Release Update 19.13.0.0.211019 Patch 33192793 for UNIX, or</p> <p>Database Release Update Revision 19.12.1.0.211019 Patch 33210889 for UNIX, or</p> <p>Database Release Update Revision 19.11.2.0.211019 Patch 33153989 for UNIX, or</p> <p>Microsoft Windows 32-Bit and x86-64 BP 19.13.0.0.211019 Patch 33155330</p>	Released October 2021	The Instant Client installation is not the same as the client-only Installation. For additional information about Instant Client installations, see Oracle Call Interface Programmer's Guide .

3.1.5.3 Oracle Database 12.2.0.1

Patch Information	12.2.0.1	Comments
Final CPU	See Note 742060.1	
On-Request platforms	32-bit client-only platforms	

Patch Availability for Oracle Database 12.2.0.1

Product Home	Patch	Advisory Number	Comments
Oracle Database Server home	<p>Combo OJVM Release Update 12.2.0.1.211019 and Database Release Update 12.2.0.1.211019 Patch 33248521 for UNIX, or</p> <p>Combo OJVM Release Update 12.2.0.1.211019 and GI Release Update 12.2.0.1.211019 Patch 33248546, or</p>	CVE-2021-35619, CVE-2021-2332, CVE-2021-35551, CVE-2021-35557, CVE-2021-35558, CVE-2021-35576, CVE-2021-29425, CVE-2021-35579, CVE-2020-27824, CVE-2021-25122 (GI)	<p>OJVM Update Patches are not RAC Rolling installable. However, NOTE 2217053.1 defines a few specific situations where the OJVM PSU patchset can be postinstalled into each database while the database remains in unrestricted "startup" mode. Please refer to the NOTE for more details.</p> <p>Combos are for environments that take a single downtime to apply all patches</p> <p>See Note 1929745.1, Oracle Recommended Patches - "Oracle JavaVM Component Database PSU and Update" (OJVM PSU and OJVM Update) Patches.</p> <p>From July 2021 onwards the Database and GI Update and Revision patches include updates to the Native</p>

	<p>Quarterly Full Stack download for Exadata (Oct2021) 12.2.0.1 Patch 33248531, or</p> <p>Quarterly Full Stack download for SuperCluster (Q4.2021) Patch 33248582 for Solaris SPARC 64-Bit</p>		<p>Network Encryption. See "Improving Native Network Encryption Security" for more details.</p> <p>For patch availability, see section 2.2 Post Release Patches</p>
Oracle Database Server home	<p>Database Oct2021 Release Update 12.2.0.1.211019 Patch 33261817 for UNIX, or</p> <p>GI Oct2021 Release Update 12.2.0.1.211019 Patch 33290750, or</p> <p>Microsoft Windows 32-Bit and x86-64 BP 12.2.0.1.211019 Patch 33174380 or later, or</p> <p>BS2000 Database BP 12.2.0.1.211019 Patch 33204389, or</p> <p>Quarterly Full Stack download for Exadata (Oct2021) 12.2.0.1 Patch 33248531, or</p> <p>Quarterly Full Stack download for SuperCluster (Q4.2021) Patch 33248582 for Solaris SPARC 64-Bit</p>	<p>CVE-2021-2332, CVE-2021-35551, CVE-2021-35557, CVE-2021-35558, CVE-2021-35576, CVE-2021-29425, CVE-2021-35579, CVE-2020-27824, CVE-2021-25122 (GI)</p>	<p>From Jan2020 onwards the Database and GI Update and Revision patches include the JDK fixes released in the prior cycle. For the most recent JDK fixes a separate patch is available (see below) and needs to be installed in addition to the Database and GI patches.</p> <p>From July 2021 onwards the Database and GI Update and Revision patches introduce a number of Native Network Encryption changes to deal with vulnerability CVE-2021-2351 and prevent the use of weaker ciphers. Customers should review: "Changes in Native Network Encryption with the July 2021 Critical Patch Update" Note 2791571.1</p> <p>Please note that 12.2.0.1 entered Limited Error Correction as of December 01, 2020. Hence, Oracle is only including Security and P1 fixes into the 12.2.0.1 quarterly patch bundles. Therefore as of 2021, there is no content difference between a Release Update and a Release Update Revision, and all 12.2.0.1 customers should use the 12.2.0.1 Release Update.</p> <p>For patch availability, see section 2.2 Post Release Patches</p>
Oracle Database Server home	<p>OJVM Release Update 12.2.0.1.211019 Patch 33192662 for UNIX, or</p> <p>OJVM Microsoft Windows Bundle</p>	<p>CVE-2021-35619</p>	<p>OJVM Update Patches are not RAC Rolling installable. However, NOTE 2217053.1 defines a few specific situations where the OJVM PSU patchset can be postinstalled into each database while the database remains in unrestricted "startup" mode. Please refer to the NOTE for more details.</p>

	Patch 12.2.0.1.211019 Patch 33248852		See Note 1929745.1 , Oracle Recommended Patches - - Oracle JavaVM Component Database PSU (OJVM PSU) Patches
Oracle Database Server and Client home	JDK8u301 Patch 33197448	CVE-2021-3517, CVE-2021-35560, CVE-2021-35567, CVE-2021-35550, CVE-2021-3522, CVE-2021-35586, CVE-2021-35564, CVE-2021-35556, CVE-2021-35559, CVE-2021-35561, CVE-2021-35565, CVE-2021-35603, CVE-2021-35588, CVE-2021-35578	See Note 2584628.1 , "JDK and PERL Patches for Oracle Database Home and Grid Home" for information on availability and prior patches. JDK patches for 32 bit clients would be build on demand basis.
Oracle Database Server home	Perl Patch 31858212	Released January 2021	
Oracle Database Client home	Database Oct2021 Release Update 12.2.0.1.211019 Patch 33261817 for UNIX, or Microsoft Windows 32-Bit and x86-64 BP 12.2.0.1.211019 Patch 33174380	Released October 2021	The Instant Client installation is not the same as the client-only Installation. For additional information about Instant Client installations, see Oracle Call Interface Programmer's Guide .

3.1.5.4 Oracle Database 12.1.0.2

Error Correction information for Oracle Database 12.1.0.2

Patch Information	12.1.0.2	Comments
Final CPU	See Note 742060.1	
On-Request platforms	32-bit client-only platforms	

Patch Availability for Oracle Database 12.1.0.2

If the Combo patches that are listed in the first row are applied, then the patches listed in Rows 2 and 3 do not need to be applied.

Product Home	Patch	Advisory Number	Comments
Oracle Database Server home	Combo OJVM PSU 12.1.0.2.211019 and Database Proactive BP 12.1.0.2.211019 Patch 33248596 for UNIX, or Combo OJVM PSU 12.1.0.2.211019 and Database PSU 12.1.0.2.211019 Patch 33248571 for UNIX, or	CVE-2021-35619, CVE- 2021-2332, CVE-2021- 35557, CVE-2021-35558, CVE-2021-35576, CVE- 2021-29425, CVE-2021- 35579	OJVM PSU Patches are not RAC Rolling installable. However, NOTE 2217053.1 defines a few specific situations where the OJVM PSU patchset can be postinstalled into each database while the database remains in unrestricted "startup" mode. Please refer to the NOTE for more details. Combos are for environments that take a single downtime to apply all patches See Note 1929745.1 , Oracle Recommended Patches -- Oracle JavaVM Component Database PSU (OJVM PSU) Patches. For patch availability, see section 2.2 Post Release Patches

	<p>Combo OJVM PSU 12.1.0.2.211019 and GI PSU 12.1.0.2.211019 Patch 33248580, or</p> <p>Quarterly Full Stack download for Exadata (Oct2021) 12.1.0.2 Patch 33248499, or</p> <p>Quarterly Full Stack download for SuperCluster (Q4.2021) Patch 33248582 for Solaris SPARC 64- Bit</p>		
Oracle Database Server home	<p>Database Proactive Bundle Patch 12.1.0.2.211019 Patch 33248411, or</p> <p>Database PSU 12.1.0.2.211019 Patch 33128590 for UNIX, or</p> <p>GI PSU 12.1.0.2.211019 Patch 33248367, or</p> <p>Microsoft Windows 32-Bit and x86-64 BP 12.1.0.2.211019 Patch 33174365 or later, or</p> <p>Quarterly Full Stack download for Exadata (Oct2021) 12.1.0.2 Patch 33248499, or</p> <p>Quarterly Full Stack download for SuperCluster (Q4.2021) Patch 33248582 for Solaris SPARC 64- Bit</p>	<p>CVE-2021-2332, CVE-2021-35557, CVE-2021-35558, CVE-2021-35576, CVE-2021-29425, CVE-2021-35579</p>	<p>For JDK fixes a separate patch is available (see below) and needs to be installed in addition to the Database and GI patches.</p> <p>From July 2021 onwards the Database and GI Update and Revision patches introduce a number of Native Network Encryption changes to deal with vulnerability CVE-2021-2351 and prevent the use of weaker ciphers. Customers should review: "Changes in Native Network Encryption with the July 2021 Critical Patch Update" Note 2791571.1</p> <p>For patch availability, see section 2.2 Post Release Patches</p>
Oracle Database Server home	Oracle JavaVM Component Database PSU	CVE-2021-35619	<p>OJVM PSU Patches are not RAC Rolling installable. However, NOTE 2217053.1 defines a few specific situations where the OJVM PSU patchset can be postinstalled into each database</p>

	12.1.0.2.211019 Patch 33192628 for UNIX, or Oracle JavaVM Component Microsoft Windows Bundle Patch 12.1.0.2.211019 Patch 33248785		while the database remains in unrestricted "startup" mode. Please refer to the NOTE for more details. All OJVM PSU since 12.1.0.2.161018 includes Generic JDBC Patch 23727148 See Note 1929745.1 , Oracle Recommended Patches -- Oracle JavaVM Component Database PSU (OJVM PSU) Patches For patch availability, see section 2.2 Post Release Patches
Oracle Database Server and Client home	JDK7u321 Patch 33197468	CVE-2021-35550, CVE-2021-35586, CVE-2021-35564, CVE-2021-35556, CVE-2021-35559, CVE-2021-35561, CVE-2021-35565, CVE-2021-35603, CVE-2021-35588	See Note 2584628.1 , "JDK and PERL Patches for Oracle Database Home and Grid Home" for information on availability and prior patches. JDK patches for 32 bit clients would be build on demand basis.
Oracle Database Server home	Perl Patch 31858428	Released January 2021	
Oracle Database Server home	Oracle JavaVM Component Database PSU - Generic JDBC 12.1.0.2.160719 Patch 23727148	Released July 2016	
Oracle Database Client home	Database PSU 12.1.0.2.211019 Patch 33128590 for UNIX, or Microsoft Windows 32-Bit and x86-64 BP 12.1.0.2.211019 Patch 33174365	Released October 2021	The Instant Client installation is not the same as the client-only Installation. For additional information about Instant Client installations, see Oracle Call Interface Programmer's Guide .

3.1.6 Oracle Database Mobile/Lite Server

Error Correction Information for Oracle Database Mobile Server

Patch Information	12.1 (Mobile Server)	11.3 (Mobile Server)	Comments
Final CPU	April 2023	October 2021	

Patch Availability for Oracle Database Mobile Server 12.1.x

Product Home	Patch	Advisory Number	Comments
12.1	12.1.0.0 BP Patch 21974980	Released October 2015	

Patch Availability for Oracle Database Mobile Server 11.3.x

Product Home	Patch	Advisory Number	Comments
--------------	-------	-----------------	----------

Product Home	Patch	Advisory Number	Comments
11.3	11.3.0.2 BP Patch 21950285	Released October 2015	

3.1.7 Oracle GoldenGate

Error Correction information for Oracle GoldenGate

Component	19.1	12.3.0.1	12.2.0.2	12.1.2.1	Comments
Final CPU	July 2026	October 2021	October 2023	October 2021	

Patch Availability for Oracle GoldenGate

Product Home	Patch	Advisory Number	Comments
19.1	OGG 19.1.0.0.211019 for Oracle 19c Patch 33376981	CVE-2019-3740, CVE-2019-3738, CVE-2019-3739, CVE-2020-11987, CVE-2019-17566, CVE-2020-11023, CVE-2011-4969, CVE-2012-6708, CVE-2015-9251, CVE-2019-11358, CVE-2020-11022, CVE-2018-10237, CVE-2020-8908	Refer to Note 1645495.1 for the latest release and additional platforms.
	OGG 19.1.0.0.211019 for Oracle 18c Patch 33376978		
	OGG 19.1.0.0.211019 for Oracle 12c Patch 33376975		
	OGG 19.1.0.0.211019 for Oracle 11g Patch 33376964		
12.3.0.1	On-Request	CVE-2019-3740, CVE-2019-3738, CVE-2019-3739, CVE-2020-11987, CVE-2019-17566, CVE-2020-11023, CVE-2011-4969, CVE-2012-6708, CVE-2015-9251, CVE-2019-11358, CVE-2020-11022, CVE-2018-10237, CVE-2020-8908	Refer to Note 1645495.1 for the latest release and additional platforms.
12.2.0.2	On-Request	CVE-2019-3740, CVE-2019-3738, CVE-2019-3739, CVE-2020-11987, CVE-2019-17566, CVE-2020-11023, CVE-2011-4969, CVE-2012-6708, CVE-2015-9251, CVE-2019-11358, CVE-2020-11022, CVE-2018-10237, CVE-2020-8908	Refer to Note 1645495.1 for the latest release and additional platforms.
12.1.2.1	On-Request	CVE-2019-3740, CVE-2019-3738, CVE-2019-3739, CVE-2020-11987, CVE-2019-17566, CVE-2020-11023, CVE-2011-4969, CVE-2012-6708, CVE-2015-9251, CVE-2019-11358, CVE-2020-11022, CVE-2018-10237, CVE-2020-8908	Refer to Note 1645495.1 for the latest release and additional platforms.

3.1.8 Oracle GoldenGate for Big Data (Formerly known as Oracle GoldenGate Application Adapters)

Error Correction information for Oracle GoldenGate for Big Data

Component	19.1.0.0.x	12.3.2.1.0	Comments
Final CPU	July 2026	October 2021	

Patch Availability for Oracle GoldenGate for Big Data

Product Home	Patch	Advisory Number	Comments
19.1.0.0.0	Oracle GoldenGate for Big Data 19.1.0.0.9 Patch 33116428 or later	CVE-2021-29425	
12.3.2.1	Oracle GoldenGate for Big Data 12.3.2.1.9 Patch 31555782 or later	Released October 2020	

3.1.9 Oracle GoldenGate Veridata

Error Correction information for Oracle GoldenGate Veridata

Component	12.2.1	12.1.3	11.2.1.0	Comments
Final CPU	July 2025	July 2022	October 2020	

Patch Availability for Oracle GoldenGate Veridata

Product Home	Patch	Advisory Number	Comments
12.2.1	OGG Veridata Bundle Patch 12.2.1.4.200714 (PS4 BP2) (Server+Agent) Patch 31044508	Released July 2020	
12.1.3	ORACLE GOLDENGATE VERIDATA V12.1.3.0.180415 SERVER Patch 26424104	Released April, 2018	
11.2.1.0	oracle goldengate veridata v11.2.1.0.2 java agent - Patch 27425665 oracle goldengate veridata v11.2.1.0.2 server - Patch 27425668	Released April 2018	Golden Gate Veridata Patch

3.1.10 Oracle NoSQL Database

Minimum Product Requirements for Oracle NoSQL Database

Critical Patch Update security vulnerabilities are fixed in the listed releases. The Oracle NoSQL Database downloads and installation instructions can be found at <https://www.oracle.com/database/technologies/nosql-database-server-downloads.html>

Product	Release	Advisory Number	Comments
Oracle NoSQL Database	21.1.12	CVE-2021-34558, CVE-2021-21409	

3.1.11 Oracle Secure Backup

Error Correction information for Oracle Secure Backup

Patch Information	18.1	Comments
Final CPU	January 2024	

Minimum Product Requirements for Oracle Secure Backup

Critical Patch Update security vulnerabilities are fixed in the listed releases. The Oracle Secure Backup downloads and installation instructions can be found at <http://www.oracle.com/technetwork/database/database-technologies/secure-backup/overview/index.html>

Product	Release	Advisory Number	Comments
---------	---------	-----------------	----------

Oracle Secure Backup	18.1.0.1	CVE-2021-3450, CVE-2021-3449, CVE-2021-21702, CVE-2020-7065, CVE-2020-7071	
----------------------	----------	--	--

3.1.12 Oracle Spatial Studio

Minimum Product Requirements for Oracle Spatial Studio

Critical Patch Update security vulnerabilities are fixed in the listed releases. The Oracle Spatial Studio downloads and installation instructions can be found at

<https://www.oracle.com/database/technologies/spatial-studio/oracle-spatial-studio-downloads.html>

Product	Release	Advisory Number	Comments
Oracle Spatial Studio	21.1.0	CVE-2021-29425, CVE-2019-10086	

3.1.13 Oracle SQL Developer

Minimum Product Requirements for Oracle SQL Developer

Critical Patch Update security vulnerabilities are fixed in the listed releases. The Oracle SQL Developer downloads and installation instructions can be found at

<https://www.oracle.com/tools/downloads/sqldev-downloads.html>

Product	Release	Advisory Number	Comments
Oracle SQL Developer	21.2.1.204.1703	CVE-2021-27807	

3.1.14 Oracle Stream Analytics

Minimum Product Requirements for Oracle Stream Analytics

Critical Patch Update security vulnerabilities are fixed in the listed releases. The Oracle Stream Analytics downloads and installation instructions can be found at

<https://www.oracle.com/middleware/technologies/stream-analytics/downloads.html>

Product	Patch	Advisory Number	Comments
Oracle Stream Analytics	19.1.0.0.1 Patch 30629903	Released July 2020	

3.1.15 Oracle TimesTen In-Memory Database

Error Correction information for Oracle TimesTen In-Memory Database

Describes Error Correction information for Oracle TimesTen In-Memory Database.

Patch Information	18.1	Comments
Final Patch	April 2026	

Minimum Product Requirements for Oracle TimesTen In-Memory Database

Describes the minimum product requirements for Oracle TimesTen In-Memory Database. The CPU security vulnerabilities are fixed in the listed release and later releases.

Product	Release	Advisory Number	Comments
Oracle TimesTen In-Memory Database	18.1.4.1.0 or later version	Released October 2020	

3.1.16 Oracle Essbase

Error Correction information for Oracle Essbase

Describes Error Correction information for Oracle Essbase.

Patch Information	21.c	Comments
Final Patch	July 2025	

Minimum Product Requirements for Oracle Essbase

Describes the minimum product requirements for Oracle Essbase. The CPU security vulnerabilities are fixed in the listed release and later releases.

Product Home	Patch	Advisory Number	Comments
21.x	21.2.0.0.0 ORACLE ESSBASE RELEASE UPDATE Patch 31949360	Released July 2021	

3.2 Oracle Enterprise Manager

This section contains the following:

- [Section 3.2.1 "Oracle Real User Experience Insight"](#)
- [Section 3.2.2 "Oracle Application Testing Suite"](#)
- [Section 3.2.3 "Oracle Business Transaction Management"](#)
- [Section 3.2.4 "Oracle Enterprise Manager Cloud Control"](#)
- [Section 3.2.5 "Oracle Enterprise Manager Ops Center"](#)
- [Section 3.2.6 "OSS Support Tools"](#)
- [Section 3.2.7 "Oracle Configuration Manager"](#)

3.2.1 Oracle Real User Experience Insight

Error Correction information for Oracle Real User Experience Insight

Patch Information	13.4.1.0	Comments
Final CPU	July 2022	
On-Request platforms	-	

Minimum Product Requirements for Oracle Real User Experience Insight

Critical Patch Update security vulnerabilities are fixed in the listed releases. For more information on Oracle Real User Experience Insight, see <http://www.oracle.com/technetwork/oem/app-performance-mgmt/index.html>.

Product Version	Patch	Advisory Number	Comments
Real User Experience Insight 13.4.1.0	-	-	There have been no quarterly patches released so far for Real User Experience Insight 13.4.1.0

3.2.2 Oracle Application Testing Suite

Error Correction information for Oracle Application Testing Suite

Patch Information	13.3.0.1	Comments
Final CPU	June 2025	

Patch Availability for Oracle Application Testing Suite

These patches contain Critical Patch Update security vulnerabilities fixes for this release. All previous versions will need to be upgraded to the minimum version. Then, apply the following patches to fix the announced security vulnerabilities. For Oracle Application Testing Suite downloads and installation instructions, see <http://www.oracle.com/technetwork/oem/downloads/index-084446.html>.

Product Home	Patches	Advisory Number	Comments
Base Platform Fusion Middleware home	See " Oracle WebLogic Server 12.2.1.4 "	See " Oracle WebLogic Server 12.2.1.4 "	See "Oracle WebLogic Server" (Version 12.2.1.4)
13.3.0.1	EM BP Application Testing Suite CPU October 2021 Patch 33471275 or later	CVE-2020-25649, CVE-2020-36189	
13.3.0.1	EM BP Application Testing Suite OFB CPU April 2021 Patch 32690139 or later	Released April 2021	

3.2.3 Oracle Business Transaction Management

Error Correction Information for Oracle Business Transaction Management

Component	12.1.0.7	Comments
Final CPU	-	

Patch Availability for Oracle Business Transaction Management

Product Home	Patch	Advisory Number	Comment
BTM Home	BTM Patch 12.1.0.7.15 Patch 29135901	Released April 2019	

3.2.4 Oracle Enterprise Manager Cloud Control

Error Correction information for Oracle Enterprise Manager Cloud Control

Patch Information	13.5.0.0	13.4.0.0	Comments
Final CPU	October 2026	April 2022	Note 1595197.1 Lifetime Support and Support Policies for Oracle Enterprise Manager
On-Request platforms	-	-	

Patch Availability for Oracle Enterprise Manager Cloud Control 13c Release 5 (13.5.0.0)

Product Home	Patches	Advisory Number	Comments
Base Platform Repository home	See " Oracle Database "	See " Oracle Database "	Patch Repository Database of Oracle Enterprise Manager
Oracle Java SE home	Oracle JDK 8 Update 311 Patch 33416537 or later for Linux, Windows and Solaris	See Note 2810386.1 , Oracle Critical Patch Update (CPU) October 2021 for Oracle Java SE	See Note 2776765.1 EM 13.5: How to Use the Latest Certified JDK 8 Update with OMS 13.5 If your plans include updating the JDK version, please be sure that the JDK version that you choose is certified with your Oracle Enterprise Manager Cloud Control Component.

Base Platform OMS home	OPatch 13.9.4.2.6 Patch 28186730 or later	Released July 2021	Update OPatch 13.9.4.2.6 Patch 28186730 before applying the WLS PSU. See Note 1587524.1 Using OUI NextGen OPatch 13 for Oracle Fusion Middleware 12c.
Base Platform OMS home	Enterprise Manager 13c Release 5 Update 1 (13.5.0.1) for OMS Patch 32835392 or later	CVE-2021-2137	
Base Platform Agent home	Enterprise Manager 13c Release 5 Update 1 (13.5.0.1) for Agent Patch 32924765 or later	CVE-2021-2137	
Base Platform OMS home	WLS PATCH SET UPDATE 12.2.1.4.210930 Patch 33416868 or later	CVE-2021-35620, CVE-2021-35617, CVE-2021-29425, CVE-2020-7226, CVE-2019-12400, CVE-2021-35552, CVE-2020-11022	CVE-2021-35617 - Resolution of this CVE requires installation of both the WebLogic Server PSU and the Coherence patch See Note 2764668.1 Security Advice and Post-Install Information for Oracle WebLogic Server PSUs
Base Platform OMS home	Coherence 12.2.1.4.0 Cumulative Patch 11 Patch 33286160 or later		CVE-2021-35617 - Resolution of this CVE requires installation of both the WebLogic Server PSU and the Coherence patch
Base Platform OMS home	FMW PLATFORM 12.2.1.4.0 SPU FOR APRCPU2021 Patch 33093748 or later	Released April 2021	
Base Platform OMS home	FMW COMMON THIRDPARTY SPU 12.2.1.4.0 FOR APRIL2021CPU Patch 32880070 or later	Released April 2021	See Note 2768441.1 Details for Oracle Fusion Middleware Third-Party Component Updates
Base Platform OMS home	ADR FOR WEBLOGIC SERVER 12.2.1.4.0 JULY CPU 2020 Patch 31544353 or later	Released July 2020	ADR Patch See Note 2703429.1 for details on ADR and Applicability of this patch.
Base Platform OMS home	OHS (NATIVE) BUNDLE PATCH 12.2.1.4.210826 Patch 33283762 or later	CVE-2020-1971, CVE-2018-20843	Note 2743971.1 Cumulative README Post-Install Steps for Oracle HTTP Server 12.2.1.4 Bundle Patches
Base Platform OMS home	OSS BUNDLE PATCH 12.2.1.4.210302 Patch 32575741 or later	Released April 2021	Oracle Security Service (SSL/Network) Patch for Oracle HTTP server (OHS)
Base Platform OMS home	OPSS BUNDLE PATCH 12.2.1.4.210418 Patch 32784652 or later	Released April 2021	
Base Platform OMS home	ADF BUNDLE PATCH 12.2.1.4.210706 Patch 33084721 or later	Released July 2021	
Base Platform OMS home	WebCenter Core Bundle Patch 12.2.1.4.200526 Patch 31403376 or later	Released July 2020	

Patch Availability for Oracle Enterprise Manager Cloud Control 13c Release 4 (13.4.0.0)

Product Home	Patches	Advisory Number	Comments
Base Platform Repository home	See "Oracle Database"	See "Oracle Database"	Patch Repository Database of Oracle Enterprise Manager
Oracle Java SE home	Oracle JDK 8 Update 311 Patch 33416537 or later for Linux, Windows and Solaris	See Note 2810386.1 , Oracle Critical Patch Update (CPU) October 2021 for Oracle Java SE	See Note 2653847.1 EM 13.4: How to Use the Latest Certified JDK 8 Update with OMS 13.4 If your plans include updating the JDK version, please be sure that the JDK version that you choose is certified with your Oracle Enterprise Manager Cloud Control Component.
Base Platform OMS home	OPatch 13.9.4.2.6 Patch 28186730 or later	Released July 2021	Update OPatch 13.9.4.2.6 Patch 28186730 before applying the WLS PSU. See Note 1587524.1 Using OUI NextGen OPatch 13 for Oracle Fusion Middleware 12c.
Base Platform OMS home	WLS PATCH SET UPDATE 12.2.1.3.210929 Patch 33412599 or later	CVE-2021-35620, CVE-2021-35617, CVE-2021-29425, CVE-2021-35552, CVE-2020-11022	CVE-2021-35617 - Resolution of this CVE requires installation of both the WebLogic Server PSU and the Coherence patch See Note 2764668.1 Security Advice and Post-Install Information for Oracle WebLogic Server PSUs
Base Platform OMS home	Coherence 12.2.1.3 Cumulative Patch 16 Patch 33286132 or later		CVE-2021-35617 - Resolution of this CVE requires installation of both the WebLogic Server PSU and the Coherence patch
Base Platform OMS home	FMW Platform 12.2.1.3.0 SPU FOR AprCPU2021 Patch 32982708 or later	Released April 2021	
Base Platform OMS home	FMW COMMON THIRD PARTY SPU 12.2.1.3.0 FOR APRIL2021CPU Patch 32910589 or later	Released April 2021	See Note 2768441.1 Details for Oracle Fusion Middleware Third-Party Component Updates
Base Platform OMS home	ADR FOR WEBLOGIC SERVER 12.2.1.3.0 JULY CPU 2020 Patch 31544340 or later	Released July 2020	ADR Patch See Note 2703429.1 for details on ADR and Applicability of this patch.
Base Platform OMS home	Oracle WebLogic Server 12.2.1.3.0 Patch 33235201 or later	Released July 2021	Patch 33235201 replaces Patch 29738020. See Note 2568304.1 for more details.
Base Platform OMS home	Enterprise Manager for Peoplesoft 13.4.1.1.0 Patch for CPUOct2020 Patch 31795605	Released October 2020	
Base Platform Agent home	Enterprise Manager 13c Release 4 Platform Update 13 (13.4.0.13) for Agent Patch 33179516 or later	CVE-2021-2137	For CVE-2020-10878, upgrade to Enterprise Manager 13c Release 5
Base Platform Agent home	Enterprise Manager for Beacon 13c Release 4 Plug-in Update 12 (13.4.0.12) for Agent Patch 33072895 or later	Released July 2021	
Base Platform Agent home	Enterprise Manager for Virtualization 13c Release 4 Plug-in Update 10 (13.4.1.10) for Agent	Released April 2021	

	(Discovery) Patch 32352393 or later		
Base Platform OMS home	Enterprise Manager 13c Release 4 Update 13 (13.4.0.13) for OMS Patch 33177978 or later	CVE-2021-2137	For CVE-2020-10878, upgrade to Enterprise Manager 13c Release 5
Base Platform OMS home	Latest Oracle Cluster Verification Utility Release Patch 16766985 or later	CVE-2021-20227	Follow the steps provided in Note 2628009.1 How to Update the CVU for EM Cloud Control 13c
Base Platform OMS home	ADF BUNDLE PATCH 12.2.1.3.201007 Patch 31985811 or later	Released October 2020	
Base Platform OMS home	OHS (NATIVE) BUNDLE PATCH 12.2.1.3.210826 Patch 33283753 or later	CVE-2018-20843	Note 2568225.1 Cumulative README Post-Install Steps for Oracle HTTP Server 12.2.1.3 Bundle Patches
Base Platform OMS home	OSS BUNDLE PATCH 12.2.1.3.210420 Patch 31971994 or later	Released April 2021	Oracle Security Service (SSL/Network) Patch for Oracle HTTP server (OHS)
Base Platform OMS home	ONS 12.2.1.3.0 SPU Patch Patch 27323998 or later	Released July 2018	For the WLS Plug-In installed with OHS
Base Platform OMS home	OBI BUNDLE PATCH 12.2.1.3.210915 Patch 33358811 or later	CVE-2021-30468, CVE-2021-23841	
Base Platform OMS home	OHT SPU 12.2.1.3.0 Patch 31613012 or later	Released July 2020	
Base Platform OMS home	WebCenter Core Bundle Patch 12.2.1.3.200519 Patch 31403333 or later	Released July 2020	
EM Cloud Control Connectors	Upgrade to Enterprise Manager Connectors 13.2.2.0.0 or later	Released January 2021	See Announcement on MOSC Connector 13.2.1.0 is applicable to EM 13.4

3.2.5 Oracle Enterprise Manager Ops Center

Error Correction information for Oracle Enterprise Manager Ops Center

Patch Information	12.4.0	Comments
Final CPU	April 2024	Premier Support ends

Patch Availability for Oracle Enterprise Manager Ops Center

These patches contain Critical Patch Update security vulnerabilities fixes for this release. All previous versions will need to be upgraded to the minimum version. Then, apply the following patches to fix the announced security vulnerabilities. For Oracle Enterprise Manager Ops Center downloads and installation instructions, see <http://www.oracle.com/technetwork/oem/ops-center/oem-ops-center-188778.html>.

Product Home	UNIX	Advisory Number	Comments
12.4.0	Ops Center UCE patches for Oct 2021 Patch 33352383 or later	CVE-2021-26691, CVE-2021-3518	
12.4.0	Ops Center UI/Other patches for Oct 2021 Patch 33352410 or later	CVE-2021-29505, CVE-2021-21345	

3.2.6 OSS Support Tools

Error Correction information for OSS Support Tools

Patch Information	8.11.x	Comments
Final CPU	-	

Patch Availability for OSS Support Tools

Product Home	Solaris	Advisory Number	Comments
8.11.16.3.8	BP Patch 22783063	March 2016	See My Oracle Support Note 1153444.1 , Oracle Services Tools Bundle (STB) - RDA/Explorer, SNEEP, ACT

3.2.7 Oracle Configuration Manager

Minimum Product Requirements for Oracle Configuration Manager

Critical Patch Update security vulnerabilities are fixed in the listed releases. Oracle Configuration Manager can be downloaded from MOS (support.oracle.com). Customer can use collector tab to down the Oracle Configuration Manager Collector.

Component	Release	Advisory Number	Comments
Oracle Configuration Manager	OCM 12.1.2.0.8 Patch 5567658 or later	Released July 2021	Upgrade to 12.1.2.0.8 Release

3.3 Oracle Fusion Middleware

This section contains the following:

- [Section 3.3.1 "Management Pack For Oracle GoldenGate"](#)
- [Section 3.3.2 "NetBeans IDE"](#)
- [Section 3.3.3 "Oracle Business Intelligence Enterprise Edition"](#)
- [Section 3.3.4 "Oracle Business Intelligence Publisher"](#)
- [Section 3.3.5 "Oracle Data Integrator"](#)
- [Section 3.3.6 "Oracle Data Quality for Oracle Data Integrator"](#)
- [Section 3.3.7 "Oracle Data Visualization Desktop"](#)
- [Section 3.3.8 "Oracle Enterprise Data Quality"](#)
- [Section 3.3.9 "Oracle Enterprise Repository"](#)
- [Section 3.3.10 "Oracle Exalogic Patch Set Update \(PSU\)"](#)
- [Section 3.3.11 "Oracle FMW Infrastructure"](#)
- [Section 3.3.12 "Oracle Forms and Reports"](#)
- [Section 3.3.13 "Oracle HTTP Server / Web-Tier"](#)
- [Section 3.3.14 "Oracle Hyperion Analytic Provider Services"](#)
- [Section 3.3.15 "Oracle Hyperion BI+"](#)

- [Section 3.3.16 "Oracle Hyperion Data Relationship Management"](#)
- [Section 3.3.17 "Oracle Hyperion Enterprise Performance Management Architect"](#)
- [Section 3.3.18 "Oracle Hyperion Essbase"](#)
- [Section 3.3.19 "Oracle Hyperion Financial Close Management"](#)
- [Section 3.3.20 "Oracle Hyperion Financial Management"](#)
- [Section 3.3.21 "Oracle Hyperion Financial Reporting"](#)
- [Section 3.3.22 "Oracle Hyperion Infrastructure Technology"](#)
- [Section 3.3.23 "Oracle Hyperion Lifecycle Management"](#)
- [Section 3.3.24 "Oracle Hyperion Planning"](#)
- [Section 3.3.25 "Oracle Hyperion Profitability and Cost Management"](#)
- [Section 3.3.26 "Oracle Hyperion Strategic Finance"](#)
- [Section 3.3.27 "Oracle Hyperion Workspace"](#)
- [Section 3.3.28 "Oracle Identity and Access Management"](#)
- [Section 3.3.29 "Oracle JDeveloper and Oracle ADF"](#)
- [Section 3.3.30 "Oracle Map Viewer"](#)
- [Section 3.3.31 "Oracle Outside In Technology"](#)
- [Section 3.3.32 "Oracle Real Time Decisions Applications"](#)
- [Section 3.3.33 "Oracle Real Time Decisions Platform"](#)
- [Section 3.3.34 "Oracle Service Architecture Leveraging Tuxedo \(SALT\)"](#)
- [Section 3.3.35 "Oracle SOA Suite"](#)
- [Section 3.3.36 "Oracle Traffic Director"](#)
- [Section 3.3.37 "Oracle Tuxedo"](#)
- [Section 3.3.38 "Oracle Tuxedo System and Applications Monitor Plus \(TSAM Plus\)"](#)
- [Section 3.3.39 "Oracle WebCenter"](#)
- [Section 3.3.40 "Oracle WebCenter Sites \(Formerly FatWire Content Server\)"](#)
- [Section 3.3.41 "Oracle WebCenter Sites Community"](#)
- [Section 3.3.42 "Oracle WebLogic Portal"](#)
- [Section 3.3.43 "Oracle WebLogic Server"](#)
- [Section 3.3.44 "Oracle Coherence"](#)

3.3.1 Oracle GoldenGate Monitor (aka Management Pack for Oracle GoldenGate)

Error Correction information for Oracle GoldenGate Monitor (aka Management Pack for Oracle GoldenGate)

Patch Information	12.2.1	12.1.3.x	Comments
Final CPU	July 2025	July 2022	

Patch Availability for Management Pack For Oracle GoldenGate

Product Home	Patch	Advisory Number	Comments
--------------	-------	-----------------	----------

Product Home	Patch	Advisory Number	Comments
12.2.1.2.0	Oracle GoldenGate Monitor 12.2.1.2.200930 (Server+Agent) Patch 31748559	Released October 2020	
12.1.3	Monitor Server 12.1.3.0.160628 Patch 23340597 Monitor Agent 12.1.3.0.160628 Patch 23333295	Released June 2016	-

3.3.2 NetBeans IDE

Minimum Product Requirements for NetBeans IDE

Critical Patch Update security vulnerabilities are fixed in the listed releases. For NetBeans IDE downloads, see <https://netbeans.org/downloads/>

Product Home	Release	Advisory Number	Comments
NetBeans IDE	8.2	Released October 2016	

3.3.3 Oracle Business Intelligence Enterprise Edition

Error Correction information for Oracle Business Intelligence Enterprise Edition

Patch Information	5.9.0.0.0	5.5.0.0.0	12.2.1.4.0	12.2.1.3	11.1.1.9	Comments
Final CPU	-	-	-	October 2021	October 2021	11.1.1.9.0 End of Error Correction for Extended Support Customer only beyond Dec 2018

Patch Availability for Oracle Analytics Server 5.9

Product Home	Patch	Advisory Number	Comments
Oracle Database home	See "Oracle Database"	See "Oracle Database"	Patch any Database Server associated to a Fusion Middleware installation
Oracle Java SE home Oracle JRockit 28.x home	See Note 2810386.1 , Oracle Critical Patch Update (CPU) October 2021 for Oracle Java SE	See Note 2810386.1 , Oracle Critical Patch Update (CPU) October 2021 for Oracle Java SE	See Note 1492980.1 , How to Install and Maintain the Java SE Installed or Used with FMW 11g/12c Products
Oracle Fusion Middleware Infrastructure (WebLogic Server for FMW)	See "Patch Availability for Oracle Fusion Middleware Infrastructure 12.2.1.4"	See "Patch Availability for Oracle Fusion Middleware Infrastructure 12.2.1.4"	Apply all 12.2.1.4 patches listed for "Oracle Fusion Middleware Infrastructure (WebLogic Server for FMW)"

Product Home	Patch	Advisory Number	Comments
Oracle Analytics Server (OAS) 5.9.0.0.0	OAS BUNDLE PATCH 5.9.0.0.210920 Patch 33359278 or later	CVE-2021-23841, CVE-2021-30468	Oracle Business Intelligence is rebranded as Oracle Analytics Server Apply all 12.2.1.4 patches listed for "Oracle Fusion Middleware Infrastructure (WebLogic Server for FMW)". See "Oracle Fusion Middleware 12.2.1.4"
Oracle Security Service	OSS BUNDLE PATCH 12.2.1.4.210302 Patch 32575741 or later	Released April 2021	

Patch Availability for Oracle Analytics Server 5.5 (Formerly known as Oracle Business Intelligence)

Product Home	Patch	Advisory Number	Comments
Oracle Database home	See "Oracle Database"	See "Oracle Database"	Patch any Database Server associated to a Fusion Middleware installation
Oracle Java SE home Oracle JRockit 28.x home	See Note 2810386.1 , Oracle Critical Patch Update (CPU) October 2021 for Oracle Java SE	See Note 2810386.1 , Oracle Critical Patch Update (CPU) October 2021 for Oracle Java SE	See Note 1492980.1 , How to Install and Maintain the Java SE Installed or Used with FMW 11g/12c Products
Oracle Fusion Middleware Infrastructure (WebLogic Server for FMW)	See "Patch Availability for Oracle Fusion Middleware Infrastructure 12.2.1.4"	See "Patch Availability for Oracle Fusion Middleware Infrastructure 12.2.1.4"	Apply all 12.2.1.4 patches listed for "Oracle Fusion Middleware Infrastructure (WebLogic Server for FMW)"
Oracle Analytics Server (OAS) 5.5.0.0.0	OAS BUNDLE PATCH 5.5.0.0.210922 Patch 33327488 or later	CVE-2021-30468, CVE-2021-23841	Oracle Business Intelligence is rebranded as Oracle Analytics Server Apply all 12.2.1.4 patches listed for "Oracle Fusion Middleware Infrastructure (WebLogic Server for FMW)". See "Oracle Fusion Middleware 12.2.1.4"
Oracle Security Service	OSS BUNDLE PATCH 12.2.1.4.210302 Patch 32575741	Released April 2021	

Patch Availability for Oracle Business Intelligence Enterprise Edition 12c

Product Home	Patch	Advisory Number	Comments
Oracle Database home	See "Oracle Database"	See "Oracle Database"	Patch any Database Server associated to a Fusion Middleware installation

Product Home	Patch	Advisory Number	Comments
Oracle Java SE home Oracle JRockit 28.x home	See Note 2810386.1 , Oracle Critical Patch Update (CPU) October 2021 for Oracle Java SE	See Note 2810386.1 , Oracle Critical Patch Update (CPU) October 2021 for Oracle Java SE	See Note 1492980.1 , How to Install and Maintain the Java SE Installed or Used with FMW 11g/12c Products
Oracle Fusion Middleware Infrastructure (WebLogic Server for FMW)	See "Patch Availability for Oracle Fusion Middleware Infrastructure 12.2.1.3"	See "Patch Availability for Oracle Fusion Middleware Infrastructure 12.2.1.3"	For both OBIEE 12.2.1.4 and 12.2.1.3, apply all patches listed for "Oracle Fusion Middleware Infrastructure 12.2.1.3"
12.2.1.4 Oracle Business Intelligence Enterprise Edition	OBI BUNDLE PATCH 12.2.1.4.210915 Patch 33358815 or later	CVE-2021-30468, CVE-2021-23841	
12.2.1.4 Oracle Business Intelligence Enterprise Edition and 12.2.1.3 Oracle Business Intelligence Enterprise Edition	OSS BUNDLE PATCH 12.2.1.3.210420 Patch 31971994 or later	Released April 2021	Oracle Security Service (SSL/Network) Patch
12.2.1.3 Oracle Business Intelligence Enterprise Edition	OBI BUNDLE PATCH 12.2.1.3.210915 Patch 33358811 or later	CVE-2021-30468, CVE-2021-23841	

Patch Availability for Oracle Business Intelligence Enterprise Edition 11.1.1.9

Product Home	Patch	Advisory Number	Comments
Oracle Database home	See "Oracle Database"	See "Oracle Database"	Patch any Database Server associated to a Fusion Middleware installation
Oracle Java SE home Oracle JRockit 28.x home	See Note 2810386.1 , Oracle Critical Patch Update (CPU) October 2021 for Oracle Java SE	See Note 2810386.1 , Oracle Critical Patch Update (CPU) October 2021 for Oracle Java SE	See Note 1492980.1 , How to Install and Maintain the Java SE Installed or Used with FMW 11g/12c Products
Oracle WebLogic Server home	See "Oracle WebLogic Server"	See "Oracle WebLogic Server"	See Note 1306505.1 , Patch Set Update (PSU) Administration Guide for Oracle WebLogic Server (WLS)
11.1.1.9	BI Bundle Suite 11.1.1.9.210720 Patch 33032067 or later	Released July 2021	
11.1.1.9	OSS BUNDLE PATCH 11.1.1.9.210420 Patch 32287205	Released April 2021	Note 2572809.1 Steps to Evaluate and Update SSL Wallet

Product Home	Patch	Advisory Number	Comments
11.1.1.9	OPMN Patch 23716938 or later OPMN (NATIVE) PATCH WITH MES 4.5 COMPLIANCE Patch 32928416	Released April 2021	Both OPMN 11.1.1.9 patches are required for integration with OSS See Note 2566042.1 SSL Configuration Required to Secure OPMN 11.1.1.9
DAC 11.1.1.6.4 home	Patch 27825965 - DAC 11.1.1.6.4 / OBI application 7.9.6.4 SPU for apr2018cpu	Released April 2018	Patch can be installed in any home

3.3.4 Oracle Business Intelligence Publisher

Error Correction information for Oracle Business Intelligence Publisher

Patch Information	12.2.1.4	12.2.1.3	11.1.1.9	Comments
Final CPU	-	October 2021	October 2021	11.1.1.9.0 End of Error Correction for Extended Support Customer only beyond Dec 2018

Patch Availability for Oracle Business Intelligence Publisher

Product Home	Patch	Advisory Number	Comments
OAS 5.5.0.0.0, 12.2.1.3 and 12.2.1.4 Business Intelligence Publisher	See " Oracle Business Intelligence Enterprise Edition "	See " Oracle Business Intelligence Enterprise Edition "	BIP is part of OBI Patch in 12c
11.1.1.9	BI SUITE BUNDLE PATCH 11.1.1.9.210119 Patch 32310890	Released July 2021	
11.1.1.9	BP Patch 24580895	Released October 2016	Webservice BP
11.1.1.9	11.1.1.9 Interim Patch 17081528	Released October 2016	XDK Interim Patch

3.3.5 Oracle Data Integrator

Error Correction information for Oracle Data Integrator

Patch Information	12.2.1.4	12.2.1.3	11.1.1.9	Comments
Final CPU	July 2025	October 2021	October 2021	Note 1933372.1 Error Correction Support Dates for Oracle Fusion Middleware 12c - FMW/WLS Note 1290894.1 Error Correction Support Dates for Oracle Fusion Middleware 11g (11.1.1/11.1.2) 11.1.1.9.0 patches provided beyond Dec 2018 are for Extended Support Customers only

Patch Availability for Oracle Data Integrator 12.2.1.4

Distribution / Product Home	Patches	Advisory Number	Comments
Oracle Fusion Middleware Infrastructure (WebLogic Server for FMW)	See " Oracle Fusion Middleware Infrastructure 12.2.1.4 "		Apply patches for WebLogic Server and Infrastructure components
Oracle Data Integrator	ODIMP Bundle Patch 12.2.1.4.211011 Patch 33455953 or later	CVE-2020-25649	

Patch Availability for Oracle Data Integrator 12.2.1.3

Distribution / Product Home	Patches	Advisory Number	Comments
Oracle Fusion Middleware Infrastructure (WebLogic Server for FMW)	See " Oracle Fusion Middleware Infrastructure 12.2.1.3 "		Apply patches for WebLogic Server and Infrastructure components
Oracle Data Integrator	ODI Bundle Patch 12.2.1.3.210720 Patch 32835080 or later	Released July 2021	

Patch Availability for Oracle Data Integrator 11.1.1.9

Product Home	Patches	Advisory Number	Comments
Oracle Data Integrator 11.1.1.9 home (Colocated with WebLogic Server)	See " Oracle Fusion Middleware Infrastructure 11.1.1.9 "		Apply patches for WebLogic Server and Middleware common components
ODI 11.1.1.9 Home	ODI Bundle Patch 11.1.1.9.210115 Patch 32137794 or later	Released April 2021	Oracle Data Integrator Patch

3.3.6 Oracle Data Quality for Oracle Data Integrator

Error Correction information for Oracle Data Quality for Oracle Data Integrator

Patch Information	ODIDQ 11.1.x	Comments
Final CPU	-	

Patch Availability for Oracle Data Quality for Oracle Data Integrator

Product Home	Patch	Advisory Number	Comments
11.1.1.3.0	CPU Patch 21418574	Released July 2015	

3.3.7 Oracle Data Visualization Desktop

Error Correction information for Oracle Data Visualization Desktop

Patch Information	12.2.4.1.1	Comments
Final CPU	-	

Patch availability for Oracle Data Visualization Desktop

Product Home	Patch	Advisory Number	Comments
Oracle Data Visualization Desktop 12.2.4.1.1	Patch is available on http://www.oracle.com/technetwork/middleware/oracle-data-visualization/index.html	Released April 2018	

3.3.8 Oracle Enterprise Data Quality

Error Correction information for Oracle Enterprise Data Quality

Patch Information	12.2.1.4	12.2.1.3	11.1.1.9	Comments
Final CPU	July 2025	October 2021	October 2021	

Patch Availability for Oracle Enterprise Data Quality

Distribution / Product Home	Patch	Advisory Number	Comments
Oracle Fusion Middleware Infrastructure (WebLogic Server for FMW)	See " Oracle Fusion Middleware Infrastructure "		Apply FMW infrastructure patches if you have installed EDQ with WebLogic Server
Oracle Enterprise Data Quality 12.2.1.4	EDQ 12.2.1.4.0 CPU Jul 2021 Patch 33143748 or later	Released July 2021	
Oracle Enterprise Data Quality 12.2.1.3	EDQ 12.2.1.3.0 CPU Jul 2021 Patch 33124541 or later	Released July 2021	
Oracle Enterprise Data Quality 11.1.1.9	EDQ 11.1.1.9 Jan 2021 SPU Patch 32395356 or later	Released January 2021	

3.3.9 Oracle Enterprise Repository

Error Correction information for Oracle Enterprise Repository

Patch Information	11.1.1.7	Comments
Final CPU	October 2021	

Patch Availability for Oracle Enterprise Repository

Product Home	Patch	Advisory Number	Comments
11.1.1.7.0	OER 11.1.1.7.0 SPU for Oct 2021 Patch 33206715 or later	CVE-2021-36374	

3.3.10 Oracle Exalogic Patch Set Update (PSU)

Error Correction information for Oracle Exalogic Patch Set Update (PSU)

Patch Information	2.x	1.x	Comments

Patch Information	2.x	1.x	Comments
Final CPU	-	-	

Patch Set Update Availability for Oracle Exalogic

Oracle Exalogic	Patch	Advisory Number	Comments
2.x Physical	2.0.6.4.211019 Physical Linux (for all X2-2, X3-2, X4-2, X5-2, and X6-2) Patch 33217537 or later 2.0.6.3.211019 Physical Solaris (for all X2-2, X3-2, X4-2, and X5-2) Patch 33217537 or later	Released July 2021	See Note 1314535.1 , Announcing Exalogic PSUs (Patch Set Updates)
2.x Virtual	2.0.6.3.211019 Virtual (for all X2-2, X3-2, X4-2, X5-2, and X6-2) Patch 33217538 or later	Released July 2021	See Note 1314535.1 , Announcing Exalogic PSUs (Patch Set Updates)
1.x	Upgrade to 2.x based on information in the Comments column. Then apply the patches listed above.	Released March 2012 (13795376) Released February 2013 (15931901)	See Patch 13795376 EECS 2.0 PHYSICAL INFRASTRUCTURE UPGRADE KIT (V1.0.0.X.X -> EECS 2.0.0.0.0) See Patch 15931901 Oracle Exalogic 2.0.4.0.0 Upgrade Kit for Exalogic Solaris x86-64 (64 bit) See Note 1314535.1 , Announcing Exalogic PSUs (Patch Set Updates)

3.3.11 Oracle FMW Infrastructure

This section contains the following:

- [Section 3.3.11.1 "Error Correction information for Oracle Fusion Middleware Infrastructure"](#)
- [Section 3.3.11.2 "Patch Availability for Oracle Fusion Middleware Infrastructure 12.2.1.4"](#)
- [Section 3.3.11.3 "Patch Availability for Oracle Fusion Middleware Infrastructure 12.2.1.3"](#)
- [Section 3.3.11.4 "Patch Availability for Oracle Fusion Middleware Infrastructure 11.1.1.9"](#)

3.3.11.1 Error Correction Information for Oracle Fusion Middleware Infrastructure

Error Correction information for Oracle Fusion Middleware Infrastructure

Patch Information	12.2.1.4	12.2.1.3	11.1.1.9	Comments
Final CPU	July 2025	October 2021	October 2021	See Note 1933372.1 , Error Correction Support Dates for Oracle Fusion Middleware 12c - FMW/WLS

				See Note 1290894.1 , Error Correction Support Dates for Oracle Fusion Middleware 11g (11.1.1/11.1.2)
On-Request platforms	-		AIX, HP-UX Itanium, and Windows are on request.	Note: 11.1.1.9.0 patches provided beyond Dec 2018 are for Extended Support Customers only

3.3.11.2 Patch Availability for Oracle Fusion Middleware Infrastructure 12.2.1.4

Note: The patches and guidance below are common to all Oracle Fusion Middleware (FMW) products installed (colocated) with an FMW 12.2.1.4 Infrastructure. Ensure to also follow the tables within this document for all FMW products you have installed with the FMW 12.2.1.4 Infrastructure.

Product / Component	Patches	Advisory Number	Comments
Oracle Database home	See "Oracle Database"	See "Oracle Database"	Patch any Database SERVER associated with a Fusion Middleware installation. If any CLIENT side patching is required in the FMW home, there will be a separate row below.
Java home	Java SE 8 Update 311 Patch 18143322 or later for Linux, Windows, and Solaris.	See Note 2810386.1 , Oracle Critical Patch Update (CPU) October 2021 for Oracle Java SE	See Note 1492980.1 , How to Maintain the Java SE Installed or Used with FMW 11g/12c Products
Oracle WebLogic Server	Download and apply the SPB or individual patches listed within the section, "Oracle WebLogic Server 12.2.1.4" Then, apply the patches below for the remaining FMW Infrastructure components:	See "Oracle WebLogic Server 12.2.1.4"	If using Identity and Access Management, refer to Oracle Identity and Access Management 12.2.1.4 . The IDM Stack Patch Bundle includes all FMW Infrastructure and WLS patches.
Application Development Framework (ADF)	ADF Bundle Patch 12.2.1.4.210706 Patch 33084721 or later	Released July 2021	
FMW Third-Party Jars	FMW COMMON THIRD PARTY SPU 12.2.1.4.0 FOR APRIL2021CPU Patch 32880070 or later	Released April 2021	See Note 2768441.1 Details for Oracle Fusion Middleware Third-Party Component Updates
Oracle Platform Security Services (OPSS)	OPSS BUNDLE PATCH 12.2.1.4.210418 Patch 32784652 or later	Released April 2021	
FMW Control	FMW Control SPU Patch Patch 30613424	Released April 2021	
WebCenter Core	WebCenter Core Bundle Patch 12.2.1.4.200526 Patch 31403376 or later	Released July 2020	

3.3.11.3 Patch Availability for Oracle Fusion Middleware Infrastructure 12.2.1.3

Note: The patches and guidance below are common to all Oracle Fusion Middleware (FMW) products installed (colocated) with an FMW 12.2.1.3 Infrastructure. Ensure to also follow the tables within this document for all FMW products you have installed with the FMW 12.2.1.3 Infrastructure.

Product / Component	Patches	Advisory Number	Comments
Oracle Database home	See "Oracle Database"	See "Oracle Database"	Patch any Database SERVER associated with a Fusion Middleware installation. If any CLIENT side patching is required in the FMW home, there will be a separate row below.
Java home	Java SE 8 Update 311 Patch 18143322 or later for Linux, Windows, and Solaris.	See Note 2810386.1 , Oracle Critical Patch Update (CPU) October 2021 for Oracle Java SE	See Note 1492980.1 , How to Maintain the Java SE Installed or Used with FMW 11g/12c Products
Oracle WebLogic Server	Download and apply the SPB or individual patches listed within the section, "Oracle WebLogic Server 12.2.1.3" Then, apply the patches below for the remaining FMW Infrastructure components:	See "Oracle WebLogic Server 12.2.1.3"	If using Identity and Access Management, refer to Oracle Identity and Access Management 12.2.1.3 . The IDM Stack Patch Bundle includes all FMW Infrastructure and WLS patches.
FMW Third-Party Jars	FMW COMMON THIRD PARTY SPU 12.2.1.3.0 FOR APRIL2021CPU Patch 32910589 or later	Released April 2021	See Note 2768441.1 Details for Oracle Fusion Middleware Third-Party Component Updates
Oracle Platform Security Services (OPSS)	OPSS Bundle Patch 12.2.1.3.210420 Patch 32397127 or later	Released April 2021	
Application Development Framework (ADF)	ADF BUNDLE PATCH 12.2.1.3.201007 Patch 31985811 or later	Released October 2020	Apply to all Oracle homes installed with an FMW Infrastructure
Oracle Help Technologies (OHT)	OHT SPU 12.2.1.3.0 Patch 31613012 or later	Released July 2020	
WebCenter Core	WebCenter Core Bundle Patch 12.2.1.3.200519 Patch 31403333 or later	Released July 2020	

3.3.11.4 Patch Availability for Oracle Fusion Middleware Infrastructure 11.1.1.9

Note: The patches and guidance below are common to all Oracle Fusion Middleware (FMW) products installed in a Middleware home with Oracle WebLogic Server 10.3.6. Ensure to also follow the tables within this document for all FMW products you have installed in this Middleware home.

Product Home	Patches	Advisory Number	Comments
--------------	---------	-----------------	----------

Product Home	Patches	Advisory Number	Comments
Oracle Database home	See "Oracle Database"	See "Oracle Database"	Patch any Database SERVER associated with a Fusion Middleware installation. If any CLIENT side patching is required in the FMW home, there will be a separate row below.
Java home	Java SE 7 Update 321 Patch 33416555	See Note 2810386.1 , Oracle Critical Patch Update (CPU) October 2021 for Oracle Java SE	See Note 1492980.1 , How to Maintain the Java SE Installed or Used with FMW 11g/12c Products
Oracle WebLogic Server home	See "Oracle WebLogic Server 10.3.6"	See "Oracle WebLogic Server 10.3.6"	See Note 1306505.1 , Patch Set Update (PSU) Administration Guide for Oracle WebLogic Server (WLS)
Middleware 11.1.1.9 ORACLE_COMMON home	JRF 11.1.1.9.0 SPU APR21 Patch 32910651 or later	Released April 2021	Java Required Files (JRF) patch
Middleware 11.1.1.9 ORACLE_COMMON home	OPSS Bundle Patch 11.1.1.9.210420 Patch 32636808 or later	Released April 2021	Oracle Platform Security Services (OPSS) patch
Middleware 11.1.1.9 ORACLE_COMMON home	ADF SPU 11.1.1.9.0 FOR OCTCPU2020 Patch 31985571 or later	Released October 2020	Application Development Framework (ADF) patch
Middleware 11.1.1.9 ORACLE_COMMON home	OHT SPU 11.1.1.9.0 Patch 28097644 or later	Released July 2020	Oracle Help Technologies (OHT) patch
Middleware 11.1.1.9 ORACLE_COMMON home	WEB SERVICES BP Patch 24580895 or later	Released October 2016	Oracle Web Services Manager (OWSM) patch
Middleware 11.1.1.9 ORACLE_COMMON home	Enterprise Manager for Fusion Middleware SPU Patch 22567790 or later	Released July 2016	FMW Control patch

3.3.12 Oracle Forms and Reports

Error Correction information for Oracle Forms and Reports

Patch Information	12.2.1.4	12.2.1.3	Comments
Final CPU	July 2025	October 2021	Note 1933372.1 Error Correction Support Dates for Oracle Fusion Middleware 12c - FMW/WLS

Patch Availability for Oracle Forms and Reports 12.2.1.4

Distribution / Component	Patches	Advisory Number	Comments
Oracle Fusion Middleware Infrastructure (WebLogic Server for FMW)	See "Oracle Fusion Middleware Infrastructure 12.2.1.4"		Apply patches for WebLogic Server and Infrastructure components
Oracle Reports	Oracle Reports Developer 12.2.1.4.0 SPU Patch 30731161 or later	Released January 2020	

Distribution / Component	Patches	Advisory Number	Comments
Oracle HTTP server (OHS)	OHS (NATIVE) BUNDLE PATCH 12.2.1.4.210826 Patch 33283762 or later	CVE-2020-1971, CVE-2018-20843	Note 2743971.1 Cumulative README Post-Install Steps for Oracle HTTP Server 12.2.1.4 Bundle Patches
Oracle Security Services (OSS)	OSS BUNDLE PATCH 12.2.1.4.210302 Patch 32575741 or later	Released April 2021	

Patch Availability for Oracle Forms and Reports 12.2.1.3

Distribution / Component	Patches	Advisory Number	Comments
Oracle Fusion Middleware Infrastructure (WebLogic Server for FMW)	See " Oracle Fusion Middleware Infrastructure 12.2.1.3 "		Apply patches for WebLogic Server and Infrastructure components
Oracle Forms	Forms 12.2.1.3.0 SPU Patch 30410629 or later	Released October 2019	
Oracle Reports	Reports Developer 12.2.1.3 SPU Patch 30731147 or later	Released January 2020	
Oracle HTTP Server (OHS)	OHS (NATIVE) BUNDLE PATCH 12.2.1.3.210826 Patch 33283753 or later	CVE-2018-20843	Note 2568225.1 Cumulative README Post-Install Steps for Oracle HTTP Server 12.2.1.3 Bundle Patches
Oracle Security Services (OSS)	OSS BUNDLE PATCH 12.2.1.3.210420 Patch 31971994 or later	Released April 2021	
Oracle Access Manager (OAM) WebGate	OAM WebGate Bundle Patch 12.2.1.3.200813 Patch 31750289 or later	Released October 2020	
Oracle Notification Server (ONS)	ONS 12.2.1.3.0 SPU Patch Patch 27323998 or later	Released July 2018	For the WLS Plug-In installed with OHS

3.3.13 Oracle HTTP Server / Web-Tier

This section contains the following:

- [Section 3.3.13.1 "Error Correction information for Oracle HTTP Server"](#)
- [Section 3.3.13.2 "Patch Availability for Oracle HTTP Server 12.2.1.4 \(Colocated with FMW Infrastructure\)"](#)
- [Section 3.3.13.3 "Patch Availability for Oracle HTTP Server 12.2.1.4 \(Standalone\)"](#)
- [Section 3.3.13.4 "Patch Availability for Oracle HTTP server 12.2.1.3 \(Colocated with FMW Infrastructure\)"](#)
- [Section 3.3.13.5 "Patch Availability for Oracle HTTP Server 12.2.1.3 \(Standalone\)"](#)
- [Section 3.3.13.6 "Patch Availability for Web-Tier 11.1.1.9 \(Oracle HTTP Server\)"](#)

3.3.13.1 Error Correction Information for Oracle HTTP Server / Web-Tier

Error Correction information for Oracle HTTP Server / Web-Tier

Patch Information	12.2.1.4	12.2.1.3	11.1.1.9	Comments
Final CPU	July 2025	October 2021	October 2021	Note 1933372.1 Error Correction Support Dates for Oracle Fusion Middleware 12c - FMW/WLS Note 1290894.1 Error Correction Support Dates for Oracle Fusion Middleware 11g (11.1.1/11.1.2)

			11.1.1.9.0 patches provided beyond Dec 2018 are for Extended Support Customers only
On-Request platforms		AIX, HP-UX Itanium, and Windows are on request.	

3.3.13.2 Patch Availability for Oracle HTTP Server 12.2.1.4 (Colocated with FMW Infrastructure)

Distribution / Component	Patches	Advisory Number	Comments
Oracle Fusion Middleware Infrastructure (WebLogic Server for FMW)	See " Oracle Fusion Middleware Infrastructure 12.2.1.4 "		Apply patches for WebLogic Server and Infrastructure components
Oracle HTTP Server	OHS (NATIVE) BUNDLE PATCH 12.2.1.4.210826 Patch 33283762 or later	CVE-2020-1971, CVE-2018-20843	Note 2743971.1 Cumulative README Post-Install Steps for Oracle HTTP Server 12.2.1.4 Bundle Patches
Oracle Security Services (OSS)	OSS BUNDLE PATCH 12.2.1.4.210302 Patch 32575741 or later	Released April 2021	

3.3.13.3 Patch Availability for Oracle HTTP Server 12.2.1.4 (Standalone)

Distribution / Component	Patches	Advisory Number	Comments
Java home	Java SE 8 Update 311 Patch 18143322 for Linux, Windows, and Solaris.	See Note 2810386.1 , Oracle Critical Patch Update (CPU) October 2021 for Oracle Java SE	See Note 1492980.1 How to Install and Maintain the Java SE Installed or Used with FMW 11g/12c Products
OPatch home	OPatch 13.9.4.2.6 Patch 28186730 or later	Released July 2021	Upgrade OPatch before installing patches
Oracle HTTP Server	OHS (NATIVE) BUNDLE PATCH 12.2.1.4.210826 Patch 33283762 or later	CVE-2020-1971, CVE-2018-20843	Note 2743971.1 Cumulative README Post-Install Steps for Oracle HTTP Server 12.2.1.4 Bundle Patches
Oracle Security Services (OSS)	OSS BUNDLE PATCH 12.2.1.4.210302 Patch 32575741 or later	Released April 2021	
Node Manager and WLST	WLS PATCH SET UPDATE 12.2.1.4.210930 Patch 33416868 or later	CVE-2021-35620, CVE-2021-35617, CVE-2021-29425, CVE-2020-7226, CVE-2019-12400, CVE-2021-35552, CVE-2020-11022	See Note 2764668.1 Security Advice and Post-Install Information for Oracle WebLogic Server PSUs
FMW Platform	FMW PLATFORM 12.2.1.4.0 SPU FOR APRCPU2021 Patch 33093748 or later	Released April 2021	
FMW Third-Party Jars	FMW COMMON THIRD PARTY SPU 12.2.1.4.0 FOR APRIL2021CPU Patch 32880070 or later	Released April 2021	See Note 2768441.1 Details for Oracle Fusion Middleware Third-Party Component Updates

3.3.13.4 Patch Availability for Oracle HTTP Server 12.2.1.3 (Colocated with FMW Infrastructure)

Distribution / Component	Patches	Advisory Number	Comments
--------------------------	---------	-----------------	----------

Distribution / Component	Patches	Advisory Number	Comments
Oracle Fusion Middleware Infrastructure (WebLogic Server for FMW)	See " Oracle Fusion Middleware Infrastructure 12.2.1.3 "		Apply patches for WebLogic Server and Infrastructure components
Oracle HTTP Server	OHS (NATIVE) BUNDLE PATCH 12.2.1.3.210826 Patch 33283753 or later	CVE-2018-20843	See Note 2568225.1 Cumulative README Post-Install Steps for Oracle HTTP Server 12.2.1.3 Bundle Patches
Oracle Security Services (OSS)	OSS BUNDLE PATCH 12.2.1.3.210420 Patch 31971994 or later	Released April 2021	
Oracle Access Manager (OAM) WebGate	OAM WebGate Bundle Patch 12.2.1.3.200813 Patch 31750289 or later	Released October 2020	
Oracle Notification Server (ONS)	ONS 12.2.1.3.0 SPU Patch Patch 27323998 or later	Released July 2018	For the WLS Plug-In installed with OHS

3.3.13.5 Patch Availability for Oracle HTTP Server 12.2.1.3 (Standalone)

Distribution / Component	Patches	Advisory Number	Comments
Java home	Java SE 8 Update 311 Patch 18143322 or later for Linux, Windows, and Solaris.	See Note 2810386.1 , Oracle Critical Patch Update (CPU) October 2021 for Oracle Java SE	See Note 1492980.1 How to Install and Maintain the Java SE Installed or Used with FMW 11g/12c Products
OPatch home	OPatch 13.9.4.2.6 Patch 28186730 or later	Released July 2021	Upgrade OPatch before installing patches
Oracle HTTP Server	OHS (NATIVE) BUNDLE PATCH 12.2.1.3.210826 Patch 33283753 or later	CVE-2018-20843	See Note 2568225.1 Cumulative README Post-Install Steps for Oracle HTTP Server 12.2.1.3 Bundle Patches
Oracle Security Services (OSS)	OSS BUNDLE PATCH 12.2.1.3.210420 Patch 31971994 or later	Released April 2021	
Node Manager and WLST	WLS PATCH SET UPDATE 12.2.1.3.210929 Patch 33412599 or later	CVE-2021-35620, CVE-2021-35617, CVE-2021-29425, CVE-2021-35552, CVE-2020-11022	See Note 2764668.1 Security Advice and Post-Install Information for Oracle WebLogic Server PSUs
FMW Platform	FMW Platform 12.2.1.3.0 SPU FOR AprCPU2021 Patch 32982708 or later	Released April 2021	
FMW Third-Party Jars	FMW COMMON THIRD PARTY SPU 12.2.1.3.0 FOR APRIL2021CPU Patch 32910589 or later	Released April 2021	See Note 2768441.1 Details for Oracle Fusion Middleware Third-Party Component Updates
Oracle Access Manager (OAM) WebGate	OAM WebGate Bundle Patch 12.2.1.3.200813 Patch 31750289 or later	Released October 2020	
Oracle Notification Server (ONS)	ONS 12.2.1.3.0 SPU Patch Patch 27323998 or later	Released July 2018	For the WLS Plug-In installed with OHS

3.3.13.6 Patch Availability for Web-Tier 11.1.1.9 (Oracle HTTP Server)

Product Home	Patches	Advisory Number	Comments
Oracle Web-Tier 11.1.1.9 home (Colocated with WebLogic Server)	See " Oracle Fusion Middleware Infrastructure 11.1.1.9 "		Apply patches for WebLogic Server and Middleware common components
Oracle Web-Tier 11.1.1.9 home	OHS 11.1.1.9.0 SPU FOR OCTCPU2021 Patch 33311587 or later	CVE-2021-35666, CVE-2021-2480	Oracle HTTP Server Patch See Note 2626956.1 Cumulative README Post-Install Steps for Oracle HTTP Server 11.1.1.9 Critical Patch Update
Oracle Web Tier 11.1.1.9 home	WLS PROXY PLUG-IN FOR OHS 11.1.1.9.0 SPU FOR APRCPU2021 Patch 33144848 or later	Released April 2021	
Oracle Web-Tier 11.1.1.9 home	OSS BUNDLE PATCH 11.1.1.9.210420 Patch 32287205 or later	Released April 2021	Oracle Security Services (OSS) patch for OHS SSL See Note 2572809.1 Steps to Evaluate and Update SSL Wallet
Oracle Web-Tier 11.1.1.9 home	OAM WEBGATE BUNDLE PATCH 11.1.2.3.210825 Patch 33290860 or later	Released April 2021	OAM WebGate 11.1.2.3 patch This is an optional installation from the Oracle Access Manager (OAM) 11.1.2.3 media.
Oracle Web-Tier 11.1.1.9 home	Oracle Web Cache SPU 11.1.1.9.0 CPU OCT2021 Patch 33442931 or later	Released April 2021	Web Cache Patch See Note 2095166.1 Oracle Web Cache 11.1.1.7/11.1.1.9 SSL Cipher Suite Changes Beginning with CPU January 2016 and Note 2494468.1 How to Disable ESI in Oracle Web Cache
Oracle Web-Tier 11.1.1.9 home	OPMN Patch 23716938 or later OPMN (NATIVE) PATCH WITH MES 4.5 COMPLIANCE Patch 32928416 or later	Released April 2021	Both 11.1.1.9 required patch for integration with OSS Note 2566042.1 SSL Configuration Required to Secure OPMN 11.1.1.9

Product Home	Patches	Advisory Number	Comments
Oracle Web-Tier 11.1.1.9 home	DB PSU Patch 22290164 or later for Unix DB BP Patch 22607089 or later for Windows 32-Bit DB BP Patch 22607090 or later for Windows x64	Released January 2016	Oracle Database Client 11.1.0.7 patch for FMW 11.1.1.x/11.1.2.x only

3.3.14 Oracle Hyperion Analytic Provider Services

Error Correction information for Oracle Hyperion Analytic Provider Services

Patch Information	11.1.2.x	Comments
Final CPU	October 2021	

Patch Availability for Oracle Hyperion Analytic Provider Services

Product Home	Patch	Advisory Number	Comments
12.2.1.4	See Note 2769474.1 How To Remove Analytic Provider Services from Oracle Business Intelligence / Fusion Middleware 12.2.1.4	Released April 2021	
11.1.2.4	11.1.2.4.043 PSU Patch 32770793	Released April 2021	
11.1.2.3	SPU Patch 20184072 SPU Patch 20184082	Released October 2015	
11.1.2.2	SPU Patch 18148649	Released July 2014	

3.3.15 Oracle Hyperion BI+

Error Correction information for Oracle Hyperion BI+

Patch Information	11.1.2.x	Comments
Final CPU	October 2021	

Patch Availability for Oracle Hyperion BI+

Product Home	Patch	Advisory Number	Comments
--------------	-------	-----------------	----------

Product Home	Patch	Advisory Number	Comments
11.1.2 Home	<p>The issue has been addressed in the latest releases: 11.1.2.4.900 and 11.2.*.</p> <p>Customers on the prior releases are recommended to upgrade to the latest releases. An upgrade path for release 11.1.2.4 is described in the Oracle Enterprise Performance Management System Release 11.2.2.0.000 Readme</p>	Released October 2020	IQR-Foundation service

3.3.16 Oracle Hyperion Data Relationship Management

Error Correction information for Oracle Hyperion Data Relationship Management

Patch Information	11.1.2.x	Comments
Final CPU	October 2021	

Patch Availability for Oracle Hyperion Data Relationship Management

Product Home	Patch	Advisory Number	Comments
11.1.2.4	Hyperion Data Relationship Management 11.1.2.4.347 PSU; Patch 28818149	Released October 2019	

3.3.17 Oracle Hyperion Enterprise Performance Management Architect

Error Correction information for Oracle Hyperion Enterprise Performance Management Architect

Patch Information	11.1.2.x	Comments
Final CPU	October 2021	

Patch Availability for Oracle Hyperion Enterprise Performance Management Architect

Product Home	Patch	Advisory Number	Comments
11.1.2.3	SPU Patch 19466859 SPU Patch 20929659	Released July 2015	
11.1.2.2	SPU On-Request	Released July 2015	

3.3.18 Oracle Hyperion Essbase

Error Correction information for Oracle Hyperion Essbase

Patch Information	11.1.2.x	Comments
Final CPU	October 2021	

Patch Availability for Oracle Hyperion Essbase

Product Home	Patch	Advisory Number	Comments
11.1.2.4	11.1.2.4.046 PSU Patch 33266816 (Essbase Server) 11.1.2.4.046 PSU Patch 33266820 (Essbase Client) 11.1.2.4.046 PSU Patch 33266818 (Essbase MSI Client) 11.1.2.4.046 PSU Patch 33266809 (Essbase Runtime Client) 11.1.2.4.046 PSU Patch 33266804 (Analytic Provider Services) 11.1.2.4.046 PSU Patch 33266835 (Essbase Administration Services Server) 11.1.2.4.046 PSU Patch 33266828 (Essbase Administration Services MSI Client)	Released October 2021	
11.1.2.3	11.1.2.3.508 PSU Patch 22347375 (RTC) 11.1.2.3.508 PSU Patch 22347367 (Client) 11.1.2.3.508 PSU Patch 22314799 (Server)	Released April 2017	
11.1.2.2	Upgrade to Hyperion Essbase 11.1.2.3, then apply the patches listed above	Released July 2015	

3.3.19 Oracle Hyperion Financial Close Management

Error Correction details for Oracle Hyperion Financial Close Management

Patch Information	11.1.2..x	Comments
Final CPU	October 2021	

Patch Availability for Oracle Hyperion Financial Close Management

Product Home	Patch	Advisory Number	Comments
--------------	-------	-----------------	----------

Product Home	Patch	Advisory Number	Comments
11.1.2.4	PSU 11.1.2.4.253 Patch 29060830	Released July 2019	
11.1.2.4	JDev ADF Patch 31246831	Released July 2020	To obtain JDev ADF patch 31246831 download EPM Patch 32740400

3.3.20 Oracle Hyperion Financial Management

Error Correction information for Oracle Hyperion Financial Management

Patch Information	11.1.2.0	Comments
Final CPU	October 2021	

Patch Availability for Oracle Hyperion Financial Management

Product Home	Patch	Advisory Number	Comments
11.1.2.0	SPU Patch Patch 28314691	Released October 2018	Hyperion Shared Service Patch for Common Events Service used by Hyperion Financial Management
11.1.2.4	The issue has been addressed in the latest releases: 11.2.*. Customers on the prior releases are recommended to upgrade to the latest releases. An upgrade path for release 11.1.2.4 is described in the Oracle Enterprise Performance Management System Release 11.2.2.0.000 Readme	Released April 2021	
11.1.2.4 & 11.2	The issue has been addressed in the latest release: 11.2.7.0.000 Customers on the prior releases are recommended to upgrade to the latest release.	CVE-2021-29425	

3.3.21 Oracle Hyperion Financial Reporting

Error Correction information for Oracle Hyperion Financial Reporting

Patch Information	11.1.2.x	Comments
Final CPU	October 2021	

Patch Availability for Oracle Hyperion Financial Reporting

Product Home	Patch	Advisory Number	Comments
--------------	-------	-----------------	----------

Product Home	Patch	Advisory Number	Comments
11.1.2	Jdev 11.1.1.7.1 SPU Patch 27457998	Released July 2018	Jdev ADF Patch needs to be applied to Hyperion Financial Reporting Home. To obtain JDev patch 27457998, download EPM Patch 32751717 .
11.1.2.4	PSU 11.1.2.4.712 Patch 30670918 PSU 11.1.2.4.902 Patch 30670918	Released April 2021	January Advisory CVE fixes are available in 11.2.x release and customers are recommended to upgrade. Hyperion downloads are available here
11.1.2.4	The issue has been addressed in the latest release: 11.2.6 Customers on the prior releases are recommended to upgrade to the latest releases. An upgrade path for release 11.1.2.4 is described in the latest Oracle Enterprise Performance Management System Release 11.2.x Readme	Released July 2021	
11.2	The issue has been addressed in the latest releases: 11.2.7.0.000 Customers on the prior releases are recommended to upgrade to the latest release.	CVE-2021-35665, CVE-2021-27906	

3.3.22 Oracle Hyperion Infrastructure Technology

Error Correction information for Oracle Hyperion Infrastructure Technology

Patch Information	11.1.2.4	Comments
Final CPU	October 2021	

Patch Availability for Oracle Hyperion Infrastructure Technology

Product Home	Patch	Advisory Number	Comments
11.1.2.4	Apply Weblogic 10.3.6 Patch 33172858 - (This patch can be obtained by downloading EPM Patch 33471254)	CVE-2020-11022, CVE-2021-35620	

Product Home	Patch	Advisory Number	Comments
11.1.2.4	For customers using OHS 11.1.1.9.0. Apply OHS 11.1.1.9.0 SPU FOR OCTCPU2021 Patch 33311587 - (This patch can be obtained by downloading EPM Patch 33499414)	CVE-2021-35666, CVE-2021-2480	
11.1.2.4	<p>To obtain the WLS Coherence patch 32973233 download the EPM Patch 33150738</p> <p>To obtain the WLS ADR patch 31241365 download EPM Patch 32763928</p> <p>To obtain the WLS JDBC patch 27541896 download EPM Patch 33019120</p> <p>To obtain the WLS Samples patch 32134024 download EPM Patch 33019138</p>	Released July 2021	This section details the availability of Web Logic patches that are packaged specifically for EPM customers
11.1.2.4	<p>The issue has been addressed in the latest releases: 11.2.5 and above</p> <p>Customers on the prior releases are recommended to upgrade to the latest releases. An upgrade path for release 11.1.2.4 is described in the latest Oracle Enterprise Performance Management System Release 11.2.x Readme</p>	Released July 2021	
11.1.2.4	<p>The issue has been addressed in the latest release: 11.2.6</p> <p>Customers on the prior releases are recommended to upgrade to the latest releases. An upgrade path for release 11.1.2.4 is described in the latest Oracle Enterprise Performance Management System Release 11.2.x Readme</p>	Released July 2021	

Product Home	Patch	Advisory Number	Comments
11.1.2.4	The issue has been addressed in the latest release: 11.2.6 Customers on the prior releases are recommended to upgrade to the latest releases. An upgrade path for release 11.1.2.4 is described in the latest Oracle Enterprise Performance Management System Release 11.2.x Readme	Released July 2021	
11.2	The issue has been addressed in the latest release: 11.2.7.0.000 Customers on the prior releases are recommended to upgrade to the latest release.	CVE-2019-7317, CVE-2020-27218	

3.3.23 Oracle Hyperion Lifecycle Management

Error Correction information for Oracle Hyperion Lifecycle Management

Patch Information	11.1.2.x	Comments
Final CPU	October 2021	

Patch Availability for Oracle Hyperion Lifecycle Management

Product Home	Patch	Advisory Number	Comments
11.1.2.4	The issue has been addressed in the latest releases: 11.1.2.4.900 and 11.2.*. Customers on the prior releases are recommended to upgrade to the latest releases. An upgrade path for release 11.1.2.4 is described in the Oracle Enterprise Performance Management System Release 11.2.2.0.000 Readme	Released October 2020	Shared Services

3.3.24 Oracle Hyperion Planning

Error Correction information for Oracle Hyperion Planning

Patch Information	11.1.2.x	Comments
Final CPU	October 2021	

Patch Availability for Oracle Hyperion Planning

Product Home	Patch	Advisory Number	Comments
11.1.2.4	PSU 11.1.2.4.010 Patch 31365862	Released October 2020	This patch is cumulative and will include the fixes/CVEs from patch 29889455
11.1.2.4	JDev 11.1.1.7.1 SPU Patch 30378046	Released October 2019	JDev ADF Patch needs to be applied to Hyperion Planning. To obtain JDev patch 30378046 download EPM Patch 32746369 .
11.1.2.4 & 11.2	The issue has been addressed in the latest releases: 11.2.7.0.000 Customers on the prior releases are recommended to upgrade to the latest release.	CVE-2019-11358	

3.3.25 Oracle Hyperion Profitability and Cost Management

Error Correction information for Oracle Hyperion Profitability and Cost Management

Patch Information	11.1.2.4	Comments
Final CPU	October 2021	

Patch Availability for Oracle Hyperion Profitability and Cost Management

Product Home	Patch	Advisory Number	Comments
11.1.2.4	11.1.2.4.130 PSU; Patch 29461894	Released October 2019	

3.3.26 Oracle Hyperion Strategic Finance

Error Correction information for Oracle Hyperion Strategic Finance

Patch Information	11.1.2.x	Comments
Final CPU	October 2021	

Patch Availability for Oracle Hyperion Strategic Finance

Product Home	Patch	Advisory Number	Comments
11.1.2.2	CPU Patch 14593946	Released April 2014	
11.1.2.1	CPU Patch 17636270	Released April 2014	

3.3.27 Oracle Hyperion Workspace

Error Correction information for Oracle Hyperion Workspace

Patch Information	11.1.2.x	Comments
Final CPU	October 2021	

Patch Availability for Oracle Hyperion Workspace

Product Home	Patch	Advisory Number	Comments
11.2	The issue has been addressed in the latest release: 11.2.6	Released July 2021	
11.1.2.4.900	Patch 31486872	Released January 2021	January Advisory CVE fixes are available in 11.2.x release and customers are recommended to upgrade. Hyperion downloads are available here .
11.1.2.4.700	11.1.2.4.825 SPU Patch 31124100	Released January 2021	January Advisory CVE fixes are available in 11.2.x release and customers are recommended to upgrade. Hyperion downloads are available here .
11.1.2 Home	11.1.2.4.009 SPU Patch 29115044 Apply Weblogic 10.3.6 Latest PSU. See " Hyperion Infrastructure Technology " section for details on how to access the latest WebLogic patches	Released January 2021	R&A Framework Patch January Advisory CVE fixes are available in 11.2.x release and customers are recommended to upgrade. Hyperion downloads are available here .

3.3.28 Oracle Identity and Access Management

This section contains the following:

- [Section 3.3.28.1 "Error Correction Information for Oracle Identity & Access Management"](#)
- [Section 3.3.28.2 "Patch Availability for Oracle Identity & Access Management 12.2.1.4"](#)
- [Section 3.3.28.3 "Patch Availability for Oracle Identity & Access Management 12.2.1.3"](#)
- [Section 3.3.28.4 "Patch Availability for Oracle Identity & Access Management 11.1.x.x"](#)
- [Section 3.3.28.5 "Oracle Identity Management Connector"](#)

3.3.28.1 Error Correction Information for Oracle Identity & Access Management

Error Correction Information for Oracle Identity & Access Management

Patch Information	12.2.1.4	12.2.1.3	11.1.x.x	Comments
Final CPU	July 2025	October 2021	October 2021	See Note 1933372.1 , Error Correction Support Dates for Oracle Fusion Middleware 12c - FMW/WLS See Note 1290894.1 Error Correction Support Dates for Oracle Fusion Middleware 11g (11.1.1/11.1.2)
On-Request	-	-	-	

platforms

3.3.28.2 Patch Availability for Oracle Identity & Access Management 12.2.1.4.0

Product	Patches	Advisory Number	Comments
Oracle Database	See "Oracle Database"	See "Oracle Database"	Patch any Database SERVER associated with a Fusion Middleware installation. If any CLIENT side patching is required in the FMW home, there will be a separate row below.
Java SE	Java SE 8 Update 311 Patch 18143322 or later for Linux, Windows, and Solaris	See Note 2810386.1 , Oracle Critical Patch Update (CPU) October 2021 for Oracle Java SE Download locations and installation instructions are in the above document.	See Note 1492980.1 How to Install and Maintain the Java SE Installed or Used with FMW 11g/12c Products
Oracle Access Manager (OAM) Oracle Identity Manager (OIM) Oracle Unified Directory (OUD) -Collocated Oracle Internet Directory (OID)- Collocated	Download and apply the SPB patch: IDM Stack Patch Bundle 12.2.1.4.211014 Patch 33470892 or later OR download and apply the individual patches below:	CVE-2021-29505	See Note 2657920.1 Stack Patch Bundle for Oracle Identity Management Products The IDM SPB includes CPU and functional fixes from IDM and lower stack products. Oracle recommends that you apply this single patch for Identity & Access Management Oracle homes.
Oracle Access Manager (OAM) Oracle Identity Manager (OIM) Oracle Unified Directory (OUD) -Collocated Oracle Internet Directory (OID)- Collocated	See Section "Oracle Fusion Middleware Infrastructure 12.2.1.4"	See Section "Oracle Fusion Middleware Infrastructure 12.2.1.4"	Oracle Fusion Middleware Infrastructure patches
Oracle Identity Manager (OIM)	OIM Bundle Patch 12.2.1.4.210708 Patch 33092785 or later	Released July 2021	
Oracle Identity Manager (OIM)	SOA BUNDLE PATCH 12.2.1.4.210928 Patch 33408307 or later	CVE-2021-29505	
Oracle Internet Directory (OID) - Standalone with NodeManager	OPatch 13.9.4.2.6 Patch 28186730 or later	Released July 2021	

Product	Patches	Advisory Number	Comments
Oracle Identity Manager (OIM)	Oracle WebCenter Core Bundle Patch 12.2.1.4.210303 Patch 32582592 or later	Released April 2021	
Oracle Unified Directory (OUD) - Standalone and Collocated	OUD BUNDLE PATCH 12.2.1.4.200526 Patch 31400392 or later	Released July 2020	
Oracle Internet Directory (OID) - Standalone and Standalone with Nodemanger	OPatch 13.9.4.2.6 Patch 28186730 or later	Released July 2021	
Oracle Internet Directory (OID) - Standalone and Standalone with Nodemanger	OSS Bundle Patch 12.2.1.4.210302 Patch 32575741 or later	Released April 2021	Oracle Security Services (OSS) patch for SSL used by Oracle Internet Directory (OID) Standalone and Standalone with NodeManager installs.
Oracle Internet Directory (OID) - Standalone with NodeManager	ADR FOR WEBLOGIC SERVER 12.2.1.4.0 JULY CPU 2020 Patch 31544353	Released July 2020	ADR Patch See Note 2703429.1 for details on ADR and the Applicability of this patch.

3.3.28.3 Patch Availability for Oracle Identity & Access Management 12.2.1.3.0

Product	Patches	Advisory Number	Comments
Oracle Database	See "Oracle Database"	See "Oracle Database"	Patch any Database SERVER associated with a Fusion Middleware installation. If any CLIENT side patching is required in the FMW home, there will be a separate row below.
Java SE	Java SE 8 Update 311 Patch 18143322 or later for Linux, Windows, and Solaris	See Note 2810386.1 , Oracle Critical Patch Update (CPU) October 2021 for Oracle Java SE Download locations and installation instructions are in the above document.	See Note 1492980.1 How to Install and Maintain the Java SE Installed or Used with FMW 11g/12c Products
Oracle Access Manager (OAM) Oracle Identity Manager (OIM) Oracle Unified Directory (OUD) -Collocated Oracle Internet Directory (OID)- Collocated	Download and apply the SPB patch: IDM Stack Patch Bundle 12.2.1.3.211014 Patch 33470976 or later OR download and apply the individual patches below:	CVE-2021-29505	See Note 2657920.1 Stack Patch Bundle for Oracle Identity Management Products The IDM SPB includes CPU and functional fixes from IDM and lower stack products. Oracle recommends that you apply this single patch for Identity & Access Management Oracle homes.

Product	Patches	Advisory Number	Comments
Oracle Access Manager (OAM) Oracle Identity Manager (OIM) Oracle Unified Directory (OUD) -Collocated Oracle Internet Directory (OID)- Collocated	See Section " Oracle Fusion Middleware Infrastructure 12.2.1.3 "	See Section " Oracle Fusion Middleware Infrastructure 12.2.1.3 "	Apply all of the patches recommended for "Oracle Fusion Middleware Infrastructure (WebLogic Server for FMW)" Distribution.
Oracle Identity Manager (OIM)	SOA Bundle Patch 12.2.1.3..210826 Patch 33281437 or later	CVE-2021-29505	
Oracle Identity Manager (OIM)	OIM Bundle Patch 12.2.1.3.210713 Patch 33112283 or later	Released July 2021	
WebGates for Oracle Access Manager	OAM WebGate Bundle Patch 12.2.1.3.200813 Patch 31750289 or later	Released October 2020	Apply this patch where OHS 12.2.1.3 is installed. See " Oracle HTTP Server 12.2.1.3 "
Oracle Access Manager (OAM)	OAM Bundle Patch 12.2.1.3.191201 Patch 30609442 or later	Released April 2020	
Oracle Internet Directory (OID) - Standalone and Standalone with NodeManager	OPatch 13.9.4.2.6 Patch 28186730 or later	Released July 2021	Upgrade OPatch before installing patches on OUD/OID standalone installations
Oracle Unified Directory (OUD) - Standalone and Collocated	OUD BUNDLE PATCH 12.2.1.3.200623 Patch 31529239 or later	Released July 2020	
Oracle Internet Directory (OID) -Standalone, Standalone with NodeManager and Collocated	OID Bundle Patch 12.2.1.3.180116 Patch 27396651> or later	Released January 2018	Oracle Internet Directory (OID) patch See Note 2355090.1 Oracle Internet Directory (OID) Version 12c Bundle Patch (BP) (Including Directory Integration Platform / DIP) / Bundle Patches For Non-Fusion Applications (NonFA / NonP4FA) Customers
Oracle Internet Directory (OID) - Standalone and Standalone with NodeManager	OSS BUNDLE PATCH 12.2.1.3.210420 Patch 31971994 or later	Released April 2021	Oracle Security Services (OSS) patch for SSL used by Oracle Internet Directory (OID)

3.3.28.4 Patch Availability for Oracle Identity & Access Management 11.1.2.3 / 11.1.1.9

Oracle Identity & Access Management (IAM) 11g Release 2 (11.1.2.3) products are required to be installed with Oracle WebLogic Server 10.3.6 and include specific Oracle Identity Management (IDM) 11g Release 1 (11.1.1.9) products and their underlying components. See [Note 1510284.1](#) for more information on IDM and IAM products considered for the table below.

Product	Patches	Advisory Number	Comments
Oracle Database	See "Oracle Database"	See "Oracle Database"	Patch any Database SERVER associated with a Fusion Middleware installation. If any CLIENT side patching is required in the FMW home, there will be a separate row below.
Oracle Java SE	See Note 2810386.1 , Oracle Critical Patch Update (CPU) October 2021 for Oracle Java SE	See Note 2810386.1 , Oracle Critical Patch Update (CPU) October 2021 for Oracle Java SE	See Note 1492980.1 How to Install and Maintain the Java SE Installed or Used with FMW 11g/12c Products
Oracle Access Manager (OAM) Oracle Identity Manager (OIM) Oracle Unified Directory (OUD) -Collocated Oracle Internet Directory (OID)- Collocated	See "Oracle Fusion Middleware Infrastructure 11.1.1.9"	See "Oracle Fusion Middleware Infrastructure 11.1.1.9"	Patch WebLogic Server 10.3.6 and Middleware common components. (Note: common components are version 11.1.1.9 in both 11.1.2.3 and 11.1.1.9 installations).
Oracle Access Manager (OAM)	OAM Bundle Patch 11.1.2.3.210611 Patch 32993776 or later	Released July 2021	
WebGates for Oracle Access Manager	OAM WEBGATE BUNDLE PATCH 11.1.2.3.210825 Patch 33290860 or later	Released April 2021	
Oracle Adaptive Access Manager (OAAM)	OAAM SERVER 11.1.2.3.0 SPU FOR JANUARY21 Patch 32384800 or later	Released January 2021	
Oracle Identity Manager (OIM)	OIM Bundle Patch 11.1.2.3.210713 Patch 33111451 or later	Released July 2021	
Oracle Identity Manager (OIM)	SOA Bundle Patch 11.1.1.9.181218 Patch 29123005 or later	Released January 2019	
Oracle Internet Directory (OID)	OID bundle patch 11.1.1.9.171127 Patch 26850241 or later	Released January 2018	Oracle Internet Directory Patch See Note 2420947.1 for additional information about Oracle Internet Directory Vulnerability CVE-2015-0204 See Note 1614114.1 Oracle Internet Directory (OID) Version 11g Bundle Patch (BP) (Including Directory Integration Platform / DIP) / Bundle Patches For Non-Fusion Applications (NonFA / NonP4FA) Customers

Product	Patches	Advisory Number	Comments
Oracle Internet Directory (OID)	OSS Bundle Patch 11.1.1.9.210420 Patch 32287205 or later	Released April 2021	Oracle Security Services (OSS) patch for OHS SSL Note 2572809.1 Steps to Evaluate and Update SSL Wallet
Oracle Internet Directory (OID)	OVD 11.1.1.9.0 SPU for October 2019 Patch 30281334 or later	Released October 2019	Oracle Virtual Directory (OVD) Patch OVD 11g: Oracle Virtual Directory SPU (Security Patch Update) Patches Note 2318003.1
Oracle Internet Directory (OID)	OPMN Patch 23716938 or later OPMN (NATIVE) PATCH WITH MES 4.5 COMPLIANCE Patch 32928416	Released April 2021	Both OPMN 11.1.1.9 required patch for integration with OSS See Note 2566042.1 SSL Configuration Required to Secure OPMN 11.1.1.9
Oracle Internet Directory (OID)	DB PSU Patch 22290164 or later for Unix DB BP Patch 22607089 or later for Windows 32-Bit DB BP Patch 22607090 or later for Windows x64	Released January 2016	Oracle Database Client 11.1.0.7 patch for FMW 11.1.1.x/11.1.2.x only

3.3.28.5 Oracle Identity Management Connector

Error Correction information for Oracle Identity Management Connector

Patch Information	12c	11g	9.1.1.5	Comments
Final CPU		refer to Note 2454684.1		

Patch Availability for Oracle Identity Management Connector

Product Version	Patch	Advisory Number	Comments
Microsoft AD connector 9.1.1.5	OIM Connector 9.1.1.5.15 Patch 25028999	Released October 2017	
CA Top Secret Connector 9.1.0.6	OIM Connector 9.1.0.6 Patch 31708407	Released October 2020	9.0.x customers should upgrade to 9.1.0.x
RACF adv connector 9.1.0.2	OIM Connector 9.1.0.2 Patch 31058957	Released April 2020	9.0.x customers should upgrade to 9.1.0.x
acf2 connector 9.1.0.1	OIM Connector 9.1.0.1 Patch 31101274	Released April 2020	9.0.x customers should upgrade to 9.1.0.x
Generic Rest 11.1.1.5.0	OIM Connector 11.1.1.5.0 Patch 32352803	Released April 2021	

3.3.29 Oracle JDeveloper and Oracle ADF

Error Correction information for Oracle JDeveloper and Oracle ADF

Comments

Patch Information	12.2.1.4	12.2.1.3	11.1.2.4	11.1.1.9	
Final CPU	July 2025	October 2021	October 2021	October 2021	11.1.2.4 and 11.1.1.9.0: End of Error Correction for Extended Support Customer only beyond Dec 2018
Understanding Patch Release Versions	See Note 1494151.1 , Understanding Fusion Middleware Bundle Patch (BP) Release Versions.				

Critical Patch Update Availability for Oracle JDeveloper and Oracle ADF

Release	Patch	Advisory Number	Comments
12.2.1.4.0	ADF Bundle Patch 12.2.1.4.210706 Patch 33084721 or later	Released July 2021	
12.2.1.3.0	ADF BUNDLE PATCH 12.2.1.3.201007 Patch 31985811 or later	Released October 2020	
11.1.2.4.0	ADF SPU 11.1.2.4.0 for OctCPU2019 Patch 30380494 or later	Released October 2019	
11.1.1.9.0	ADF SPU 11.1.1.9.0 FOR OCTCPU2020 Patch 31985571 or later	Released October 2020	

3.3.30 Oracle Map Viewer

Error Correction information for Oracle Map Viewer

Patch Information	12.2.1.4	12.2.1.3	11.1.1.9	Comments
Final CPU	July 2025	October 2021	October 2021	1.1.1.9.0 End of Error Correction for Extended Support Customer only beyond Dec 2018

Patch Availability for Oracle Map Viewer

Product Home	Patch	Advisory Number	Comments
12.2.1.3 AND 12.2.1.4	MapViewer 12.2.1.4 Patch 32957408 or later	Released July 2021	The same patch applies to 12.2.1.3 and 12.2.1.4
11.1.1.9	SPU Patch 27534923	Released April 2018	

3.3.31 Oracle Outside In Technology

Error Correction information for Oracle Outside In Technology

Patch Information	8.5.5	Comments
Final CPU	April 2022	

Patch Availability for Oracle Outside In Technology

Product Home	Patch	Advisory Number	Comments
Oracle Outside In Technology 8.5.5	ORACLE OUTSIDE IN TECHNOLOGY (OIT) OCTOBER 2021 8.5.5 BUNDLE PATCH Patch 33394086	CVE-2021-35658, CVE-2021-35657, CVE-2021-35656, CVE-2021-35661, CVE-2021-35662, CVE-2021-35573, CVE-2021-35572, CVE-2021-35659, CVE-2021-35660, CVE-2021-35574	
	Oracle Outside in Clean Content 855 July Bundle Patch Release Patch 33091862	Released July 2021	

3.3.32 Oracle Real Time Decisions Applications

Error Correction information for Oracle Real Time Decisions Applications

Describes the Error Correction information for Oracle Real Time Decisions Applications.

Patch Information	3.2	Comments
Final CPU	Jul 2022	

Patch Availability for Oracle Real Time Decisions Applications

Describes the available patches for Oracle Real Time Decisions Applications.

Product Home	Patch	Advisory Number	Comments
Oracle Real Time Decisions Applications 3.2 home	RTD APPLICATIONS 3.2 SPU FOR JUL CPU 2021 Patch 33107342 or later	Released July 2021	

3.3.33 Oracle Real Time Decisions Platform

Error Correction information for Oracle Real Time Decisions Platform

Describes the Error Correction information for Oracle Real Time Decisions Platform.

Patch Information	3.2	Comments
Final CPU	October 2021	

Patch Availability for Oracle Real Time Decisions Platform

Describes the available patches for Oracle Real Time Decisions Platform.

Product Home	Patch	Advisory Number	Comments
Oracle Real Time Decisions Platform 3.2 home	RTD PLATFORM 3.2 SPU FOR OCT CPU 2021 Patch 33373472 or later	CVE-2021-29425, CVE-2020-11979, CVE-2021-36374, CVE-2017-5645	
Oracle Real Time Decisions Platform 11.1.1.9 home	RTD SERVER 11.1.1.9 SPU FOR OCT CPU 2021 Patch 33172848 or later	CVE-2021-36374, CVE-2020-11979, CVE-2017-5645	

3.3.34 Oracle Service Architecture Leveraging Tuxedo (SALT)

Error Correction information for Oracle Service Architecture Leveraging Tuxedo (SALT)

Patch Information	12.2.2.0.x	12.1.3	Comments
Final CPU	Oct 2024	Oct 2020	

Patch Availability for Oracle Service Architecture Leveraging Tuxedo (SALT)

Product Home	Patch	Advisory Number	Comments
Oracle Service Architecture Leveraging Tuxedo (SALT) 12.2.2.0.x home	Oracle SALT 12.2.2.0.0 SPU FOR CPUJan2019 Patch 29169314	Released January 2019	
Oracle Service Architecture Leveraging Tuxedo (SALT) 12.1.3.0.x home	Oracle SALT 12.1.3.0.0 SPU FOR CPUJan2019 Patch 29169322	Released January 2019	

3.3.35 Oracle SOA Suite

Error Correction information for Oracle SOA Suite

Patch Information	12.2.1.4	12.2.1.3	11.1.1.9	Comments
Final CPU	July 2025	October 2021	October 2021	<p>Note 1933372.1 Error Correction Support Dates for Oracle Fusion Middleware 12c - FMW/WLS</p> <p>Note 1290894.1 Error Correction Support Dates for Oracle Fusion Middleware 11g (11.1.1/11.1.2)</p> <p>11.1.1.9.0 patches provided beyond Dec 2018 are for Extended Support Customers only</p>
On-Request platforms			AIX, HP-UX Itanium, and Windows are on request.	

Patch Availability for Oracle SOA Suite 12.2.1.4

Distribution / Product Home	Patches	Advisory Number	Comments
Oracle Fusion Middleware Infrastructure (WebLogic Server for FMW)	See " Oracle Fusion Middleware Infrastructure 12.2.1.4 "		Apply patches for WebLogic Server and Infrastructure components
Oracle SOA Suite and Business Process	SOA Bundle Patch 12.2.1.4.210928 Patch 33408307 or later	CVE-2021-29505	
Oracle Service Bus	OSB BUNDLE PATCH 12.2.1.4.201105 Patch 32121987 or later	Released January 2021	

Patch Availability for Oracle SOA Suite 12.2.1.3

Distribution / Product Home	Patches	Advisory Number	Comments
-----------------------------	---------	-----------------	----------

Distribution / Product Home	Patches	Advisory Number	Comments
Oracle Fusion Middleware Infrastructure (WebLogic Server for FMW)	See "Oracle Fusion Middleware Infrastructure 12.2.1.3"		Apply patches for WebLogic Server and Infrastructure components
Oracle SOA Suite and Business Process	SOA Bundle Patch 12.2.1.3.210826 Patch 33281437 or later	CVE-2021-29505	
Oracle Service Bus	OSB BUNDLE PATCH 12.2.1.3.201111 Patch 32144336 or later	Released January 2021	

Patch Availability for Oracle SOA Suite 11.1.1.9

Product Home	Patches	Advisory Number	Comments
Oracle SOA Suite 11.1.1.9 home (Colocated with WebLogic Server)	See "Oracle Fusion Middleware Infrastructure 11.1.1.9"		Apply patches for WebLogic Server and Middleware common components
Oracle Business Activity Monitoring	BAM Security Patch Update 11.1.1.211019 Patch 33124959 or later	CVE-2021-29505	
OSB 11.1.1.9 home	OSB Bundle Patch 11.1.1.9.210420 Patch 32112779 or later	Released April 2021	OSB Patch
SOA 11.1.1.9 home	SOA Bundle Patch 11.1.1.9.0 (ID:181218.1300) Patch 29123005 or later	Released January 2019	SOA Patch
OSB 11.1.1.9 home	Patch 24847885 or later	Released April 2017	OSB Patch Install prior to Java CPUApr2017 JDK/JRE or later version

3.3.36 Oracle Traffic Director

Error Correction information for Oracle Traffic Director

Patch Information	12.2.1.4	12.2.1.3	11.1.1.9	Comments
Final CPU	July 2025	October 2021	October 2021	

Patch Availability for Oracle Traffic Director

Product Home	Patch	Advisory Number	Comments
Oracle Traffic Director 12c home	See "Oracle Fusion Middleware 12c"	See "Oracle Fusion Middleware 12c"	Apply patches as applicable to FMW 12c installation. There are no OTD 12c patches at this time.
11.1.1.9	Oracle Traffic Director SPU Patch 29340480	Released April 2019	11.1.1.9.0 End of Error Correction for Extended Support Customer only beyond Dec 2018

3.3.37 Oracle Tuxedo

Error Correction information for Oracle Tuxedo

Patch Information	12.2.2.0	12.1.3.0	Comments
Final CPU	April 2024	April 2022	

Patch Availability for Oracle Tuxedo

Product Home	Patches	Advisory Number	Comments
12.2.2.0	<p>rp029 oracle tuxedo 12.2.2 SPU for JULCPU2018 Linux Patch 28090531</p> <p>rp029 oracle tuxedo 12.2.2 SPU for JULCPU2018 win-64 with vs2015 Patch 28124771</p> <p>rp029 oracle tuxedo 12.2.2 SPU for JULCPU2018 win-32 with vs2015 Patch 28124779</p>	Released July 2018	For CVE-2017-10269, see extra settings required with these cumulative patches in Note 2326009.1
12.1.3.0	<p>RP117 TUXEDO 12.1.3.0 SPU FOR CPUJAN2020 Patch 30596495</p> <p>RP117 TUXEDO 12.1.3.0 SPU (WINDOWS VS2013) FOR CPUJAN2020 Patch 30601651</p> <p>RP117 TUXEDO 12.1.3.0 SPU (WINDOWS VS2012) FOR CPUJAN2020 Patch 30601637</p>	Released January 2020	For CVE-2017-10269, see extra settings required with these cumulative patches in Note 2326009.1

3.3.38 Oracle Tuxedo System and Applications Monitor Plus (TSAM Plus)

Error Correction Information for Oracle Tuxedo System and Applications Monitor Plus (TSAM Plus)

Patch Information	12.2.2	12.1.3	Comments
Final CPU	April 2024	April 2022	

Patch Availability for Oracle Tuxedo System and Applications Monitor Plus (TSAM Plus)

Product Home	Patches	Advisory Number	Comments
TSAM Plus 12.2.2	RP002 Patch 25389632	Released July 2017	
TSAM Plus 12.1.3	RP019 FOR LINUX 64-BIT X86 Patch 27379436	Released January 2018	

3.3.39 Oracle WebCenter

Error Correction information for Oracle WebCenter

Patch Information	12.2.1.4	12.2.1.3	11.1.1.9	11.1.1.8	Comments
Final CPU	July 2025	October 2021	October 2021	October 2021	Note 1933372.1 Error Correction Support Dates for Oracle Fusion Middleware 12c - FMW/WLS

					Note 1290894.1 Error Correction Support Dates for Oracle Fusion Middleware 11g (11.1.1/11.1.2) 11.1.1.9.0 patches provided beyond Dec 2018 are for Extended Support Customers only
On-Request platforms			AIX, HP-UX Itanium, and Windows are on request.		

Patch Availability for Oracle WebCenter 12.2.1.4

Distribution / Product Home	Patches	Advisory Number	Comments
Oracle Fusion Middleware Infrastructure (WebLogic Server for FMW)	See " Oracle Fusion Middleware Infrastructure 12.2.1.4 "		Apply patches for WebLogic Server and Infrastructure components
Oracle WebCenter Portal	Oracle Webcenter Portal Bundle Patch 12.2.1.4.210830 Patch 33298526 or later	CVE-2021-29505	
Oracle WebCenter Sites	Oracle WebCenter Sites 12.2.1.4.211019 Patch 33381673 or later	CVE-2021-26272, CVE-2020-5258, CVE-2019-13990, CVE-2019-12415, CVE-2021-27906, CVE-2021-27906	

Patch Availability for Oracle WebCenter 12.2.1.3

Distribution / Product Home	Patches	Advisory Number	Comments
Oracle Fusion Middleware Infrastructure (WebLogic Server for FMW)	See " Oracle Fusion Middleware Infrastructure 12.2.1.3 "		Apply patches for WebLogic Server and Infrastructure components
Oracle WebCenter Portal	Oracle Webcenter Portal Bundle Patch 12.2.1.3.210830 Patch 33298544 or later	CVE-2021-29505	
Oracle WebCenter Sites	Oracle WebCenter Sites 12.2.1.3.211019 Patch 33386937 or later	CVE-2021-26272, CVE-2020-5258, CVE-2019-13990, CVE-2019-12415, CVE-2021-27906, CVE-2021-27906	
Oracle WebCenter Sites	Support Tools 4.4.2 for Oracle WebCenter Sites 12.2.1.3.0 Patch 30505173	Released January 2020	Support Tools for Webcenter Sites Patch
Oracle WebCenter Content	WebCenter Content Bundle Patch 12.2.1.3.180417 Patch 27393392 or later	Released April 2018	

Patch Availability for Oracle WebCenter 11.1.1.9

Product Home	Patches	Advisory Number	Comments
--------------	---------	-----------------	----------

Product Home	Patches	Advisory Number	Comments
Oracle WebCenter 11.1.1.9 home (Colocated with WebLogic Server)	See " Oracle Fusion Middleware Infrastructure 11.1.1.9 "		Apply patches for WebLogic Server and Middleware common components
Oracle WebCenter 11.1.1.9 home	Oracle WebCenter Portal Bundle Patch 11.1.1.9.210720 Patch 32973716 or later	Released July 2021	Oracle WebCenter Portal 11.1.1.9 Patch See Note 2029169.1 Changes to Portlet standards request dispatching of Resource Requests
Oracle WebCenter 11.1.1.9 home	WCC BP 11.1.1.9.180226 Patch 27393411 or later	Released April 2018	WebCenter Content Patch

Patch Availability for Oracle WebCenter 11.1.1.8

Product Home	Patch	Advisory Number	Comments
12c home	See " Oracle Fusion Middleware 12c "	See " Oracle Fusion Middleware 12c "	
11.1.1.8 home	Oracle WebCenter Sites 11.1.1.8.0 Patch 21 Patch 29118979	Released January 2019	for FMW 11.1.1.7.0 patches, refer to the Final CPU section

3.3.40 Oracle WebCenter Sites (Formerly FatWire Content Server)

Error Correction information for Oracle WebCenter Sites (formerly FatWire Content Server)

Patch Information	12.2.1.4	12.2.1.3	11.1.1.8	Comments
Final CPU	July 2025	October 2021	October 2021	

Patch Availability for Oracle WebCenter Sites

Product Home	Patch	Advisory Number	Comments
12c home	See " Oracle Fusion Middleware 12c "	See " Oracle Fusion Middleware 12c "	
11.1.1.8 home	Oracle WebCenter Sites 11.1.1.8.0 Patch 21 Patch 29118979	Released January 2019	for FMW 11.1.1.7.0 patches, refer to the Final CPU section

3.3.41 Oracle WebCenter Sites Community

Error Correction information for Oracle WebCenter Sites Community

Patch Information	11.1.1.8	Comments
Final CPU	-	

Patch Availability for Oracle WebCenter Sites Community

Product Home	Patch	Advisory Number	Comments
11.1.1.8 home	11.1.1.8.0 Patch 5 SPU Patch 26951713 or later	Released January 2018	See " Oracle WebCenter 11.1.1.8 "

3.3.42 Oracle WebLogic Portal**Error Correction information for Oracle WebLogic Portal**

Patch Information	10.3.7.0	Comments
Final CPU	October 2021	Note 1308963.1 Error Correction Policy as it applies to Oracle WebLogic Portal (WLP)

Critical Patch Update Availability for WebLogic Portal

See also the underlying product stack tables (JRockit and WLS) for any applicable patches.

WebLogic Portal patches are cumulative to include all the prior published advisories. For more information, see My Oracle Support [Note 1355929.1](#), October 2011 Updates Introduce New WebLogic Portal (WLP) Configuration Options for SSL Session ID and SSL Filters.

WebLogic Portal 9.2.3.0 is bundled with WebLogic Server 9.2.3.0, which is out of error correction. Contact Oracle support for security patches needed for WebLogic Server 9.2.3.0

Product Home	Patch	Advisory Number	Comments
WebLogic Portal 10.3.7.0 home	There are no CPU patches to document on 10.3.7.0	none	

3.3.43 Oracle WebLogic Server**Error Correction information for Oracle WebLogic Server**

Patch Information	14.1.1.0.0	12.2.1.4.0	12.2.1.3.0	12.1.3.0	10.3.6.0	Comments
Final CPU	January 2028	July 2025	October 2021	January 2022	October 2021	Note 950131.1 Error Correction Support Dates for Oracle WebLogic Server After Dec 2018, 12.1.3 and 10.3.6.0 patches are available for Extended Support Customers only
Understanding Patch Release Versions		-	-	-	-	See Note 2565576.1 , Understanding WebLogic Server Patch Set Update (PSU) Release Versions

Patch Set Update Availability for Oracle WebLogic Server

For more information, see MyOracleSupport [Note 1470197.1](#), Patch Set Update (PSU) Release Listing for Oracle WebLogic Server (WLS). See [Note 1306505.1](#), Patch Set Update (PSU) Administration Guide for Oracle WebLogic Server (WLS)

This section contains the following:

- [Section 3.3.43.1 Oracle WebLogic Server 14.1.1.0](#)
- [Section 3.3.43.2 Oracle WebLogic Server 12.2.1.4](#)
- [Section 3.3.43.3 Oracle WebLogic Server 12.2.1.3](#)
- [Section 3.3.43.4 Oracle WebLogic Server 12.1.3](#)
- [Section 3.3.43.5 Oracle WebLogic Server 10.3.6](#)
- [Section 3.3.43.6 Oracle WebLogic Server Proxy Plug-Ins for Third-Party Webservers](#)

For more information on obtaining WebLogic Server container images with WebLogic Server Patch Set Updates, see the following document on MyOracle Support "WebLogic Server Container Images Updated with the Patch Set Update (PSU) and Other Security Patches," [Note 2771055.1](#)

3.3.43.1 Oracle WebLogic Server 14.1.1.0

All of the patches listed in the table below should be applied to an Oracle WebLogic Server 14.1.1.0 installation

Product Home	Patch	Advisory Number	Comments
	Java SE 8 Update 311 Patch 18143322 or later for Linux, Windows, and Solaris. or Java SE 11.0.13 Patch 27838191 or later for Linux, Windows, and Solaris.	See Note 2810386.1 , Oracle Critical Patch Update (CPU) October 2021 for Oracle Java SE	See Note 1492980.1 , How to Install and Maintain the Java SE Installed or Used with FMW 11g/12c Products
Oracle WebLogic Server 14.1.1.0	Download and apply the SPB patch: WLS STACK PATCH BUNDLE 14.1.1.0.211009 Patch 33452377 or later OR download and apply the individual patches below:	CVE-2021-35620, CVE-2021-35617, CVE-2021-29425, CVE-2020-7226, CVE-2019-12400, CVE-2021-35552, CVE-2020-11022	See Note 2764636.1 , Introducing the Stack Patch Bundle (SPB) with SPBAT Utility for Oracle WebLogic Server
	OPatch 13.9.4.2.6 Patch 28186730 or later	Released July 2021	
	WLS PATCH SET UPDATE 14.1.1.0.210930 Patch 33416881 or later	CVE-2021-35620, CVE-2021-35617, CVE-2021-29425, CVE-2020-7226, CVE-2019-12400, CVE-2021-35552, CVE-2020-11022	CVE-2021-35617 - Resolution of this CVE requires installation of both the WebLogic Server PSU and the Coherence patch See Note 2764668.1 Security Advice and Post-Install Information for Oracle WebLogic Server PSUs
	Coherence 14.1.1.0 Cumulative Patch 7 Patch 33286174 or later		CVE-2021-35617 - Resolution of this CVE requires installation of both the WebLogic Server PSU and the Coherence patch

Product Home	Patch	Advisory Number	Comments
	WEBLOGIC SAMPLES SPU 14.1.1.0.210119 Patch 32148641 or later	Released January 2021	See Note 2255054.1 Details for Oracle WebLogic Server's Use of Struts and the SAMPLES SPU

3.3.43.2 Oracle WebLogic Server 12.2.1.4

All of the patches listed in the table below should be applied to an Oracle WebLogic Server 12.2.1.4 installation

Product Home	Patch	Advisory Number	Comments
	Java SE 8 Update 311 Patch 18143322 or later for Linux, Windows, and Solaris.	See Note 2810386.1 , Oracle Critical Patch Update (CPU) October 2021 for Oracle Java SE	See Note 1492980.1 , How to Install and Maintain the Java SE Installed or Used with FMW 11g/12c Products
Oracle WebLogic Server 12.2.1.4	<p>Download and apply the SPB patch:</p> <p>WLS STACK PATCH BUNDLE 12.2.1.4.211011 Patch 33455144 or later</p> <p>OR download and apply the individual patches below:</p>	CVE-2021-35620, CVE-2021-35617, CVE-2021-29425, CVE-2020-7226, CVE-2019-12400, CVE-2021-35552, CVE-2020-11022	<p>See Note 2764636.1, Introducing the Stack Patch Bundle (SPB) with SPBAT Utility for Oracle WebLogic Server</p> <p>If using the WLS Proxy Plugin for Apache or IIS, refer to Oracle WebLogic Server Proxy Plug-Ins for Third-Party Webservers</p>
	OPatch 13.9.4.2.6 Patch 28186730 or later	Released July 2021	
	WLS PATCH SET UPDATE 12.2.1.4.210930 Patch 33416868 or later	CVE-2021-35620, CVE-2021-35617, CVE-2021-29425, CVE-2020-7226, CVE-2019-12400, CVE-2021-35552, CVE-2020-11022	<p>CVE-2021-35617 - Resolution of this CVE requires installation of both the WebLogic Server PSU and the Coherence patch</p> <p>See Note 2764668.1 Security Advice and Post-Install Information for Oracle WebLogic Server PSUs</p>
	Coherence 12.2.1.4.0 Cumulative Patch 11 Patch 33286160 or later		CVE-2021-35617 - Resolution of this CVE requires installation of both the WebLogic Server PSU and the Coherence patch
	FMW PLATFORM 12.2.1.4.0 SPU FOR APRCPU2021 Patch 33093748 or later	Released April 2021	
	WEBLOGIC SAMPLES SPU 12.2.1.4.210119 Patch 32148640 or later	Released January 2021	See Note 2255054.1 , Details for Oracle WebLogic Server's Use of Struts and the SAMPLES SPU

Product Home	Patch	Advisory Number	Comments
	ADR FOR WEBLOGIC SERVER 12.2.1.4.0 JULY CPU 2020 Patch 31544353	Released July 2020	ADR Patch See Note 2703429.1 for details on ADR and Applicability of this patch.

3.3.43.3 Oracle WebLogic Server 12.2.1.3

All of the patches listed in the table below should be applied to an Oracle WebLogic Server 12.2.1.3 installation

Product Home	Patch	Advisory Number	Comments
	Java SE 8 Update 311 Patch 18143322 or later for Linux, Windows, and Solaris.	See Note 2810386.1 , Oracle Critical Patch Update (CPU) October 2021 for Oracle Java SE	See Note 1492980.1 , How to Install and Maintain the Java SE Installed or Used with FMW 11g/12c Products
Oracle WebLogic Server 12.2.1.3	Download and apply the SPB patch: WLS STACK PATCH BUNDLE 12.2.1.3.211009 Patch 33452370 or later OR download and apply the individual patches below:	CVE-2021-35620, CVE-2021-35617, CVE-2021-29425, CVE-2021-35552, CVE-2020-11022	See Note 2764636.1 , Introducing the Stack Patch Bundle (SPB) with SPBAT Utility for Oracle WebLogic Server If using the WLS Proxy Plugin for Apache or IIS, refer to Oracle WebLogic Server Proxy Plug-Ins for Third-Party Webservers
	OPatch 13.9.4.2.6 Patch 28186730 or later	Released July 2021	
	WLS PATCH SET UPDATE 12.2.1.3.210929 Patch 33412599 or later	CVE-2021-35620, CVE-2021-35617, CVE-2021-29425, CVE-2021-35552, CVE-2020-11022	CVE-2021-35617 - Resolution of this CVE requires installation of both the WebLogic Server PSU and the Coherence patch See Note 2764668.1 Security Advice and Post-Install Information for Oracle WebLogic Server PSUs
	Coherence 12.2.1.3 Cumulative Patch 16 Patch 33286132 or later		CVE-2021-35617 - Resolution of this CVE requires installation of both the WebLogic Server PSU and the Coherence patch
	FMW Platform 12.2.1.3.0 SPU FOR AprCPU2021 Patch 32982708 or later	Released April 2021	
	WEBLOGIC SAMPLES SPU 12.2.1.3.210119 Patch 32148634 or later	Released January 2021	See Note 2255054.1 , Details for Oracle WebLogic Server's Use of Struts and the SAMPLES SPU

Product Home	Patch	Advisory Number	Comments
	ADR FOR WEBLOGIC SERVER 12.2.1.3.0 JULY CPU 2020 Patch 31544340	Released July 2020	ADR Patch See Note 2703429.1 for details on ADR and Applicability of this patch.

3.3.43.4 Oracle WebLogic Server 12.1.3

All of the patches listed in the table below should be applied to an Oracle WebLogic Server 12.1.3 installation

Product Home	Patch	Advisory Number	Comments
Oracle WebLogic Server 12.1.3	Java SE 8 Update 311 Patch 18143322 or later for Linux, Windows, and Solaris.	See Note 2810386.1 , Oracle Critical Patch Update (CPU) October 2021 for Oracle Java SE	See Note 1492980.1 , How to Install and Maintain the Java SE Installed or Used with FMW 11g/12c Products
	WLS PATCH SET UPDATE 12.1.3.0.211019 Patch 33172866 or later	CVE-2021-35620, CVE-2021-35617, CVE-2018-10237, CVE-2020-11022, CVE-2018-8088	See Note 2764668.1 Security Advice and Post-Install Information for Oracle WebLogic Server PSUs
	Coherence 12.1.3.0 Cumulative Patch 12 Patch 32973268 or later	Released July 2021	
	WEBLOGIC SAMPLES SPU 12.1.3.0.210119 Patch 32148638 or later	Released January 2021	This is the final SPU for Samples, see Note 2255054.1 , Details for Oracle WebLogic Server's Use of Struts and the SAMPLES SPU
	ADR FOR WEBLOGIC SERVER 12.1.3.0 JULY CPU 2020 Patch 31544363	Released July 2020	ADR Patch See Note 2703429.1 for details on ADR and Applicability of this patch.
	WLS 12.1.3 JDBC Patch 20741228	Released January 2018	Please refer to Note 1970437.1 How To Update the JDBC and UCP Drivers Bundled with WebLogic Server 10.3.6 and 12c
	TopLink SPU Patch 24327938	Released July 2016	TopLink JPA-RS patch
	See Note 1936300.1 How to Change SSL Protocols (to Disable SSL 2.0/3.0) in Oracle Fusion Middleware Products (Doc ID 1936300.1)	Released October 2014	SSL V3.0 "Poodle" Advisory

3.3.43.5 Oracle WebLogic Server 10.3.6

All of the patches listed in the table below should be applied to an Oracle WebLogic Server 10.3.6 installation

Product Home	Patch	Advisory Number	Comments
--------------	-------	-----------------	----------

Product Home	Patch	Advisory Number	Comments
Oracle WebLogic Server 10.3.6	Java SE 7 Update 321 Patch 13079846 or later for Linux, Windows and Solaris	See Note 2810386.1 , Oracle Critical Patch Update (CPU) October 2021 for Oracle Java SE	See Note 1492980.1 , How to Install and Maintain the Java SE Installed or Used with FMW 11g/12c Products
	WLS PATCH SET UPDATE 10.3.6.0.211019 Patch 33172858 or later	CVE-2020-11022, CVE-2021-35620	See Note 2764668.1 Security Advice and Post-Install Information for Oracle WebLogic Server PSUs
	Coherence 3.7.1 Patch 22 Patch 32973233 or later	Released July 2021	
	WEBLOGIC SAMPLES SPU 10.3.6.0.210119 Patch 32134024 or later	Released January 2021	This is the final SPU for Samples, see Note 2255054.1 , Details for Oracle WebLogic Server's Use of Struts and the SAMPLES SPU
	ADR FOR WEBLOGIC SERVER 10.3.6 JULY CPU 2020 Patch 31241365	Released July 2020	ADR Patch See Note 2703429.1 for details on ADR and Applicability of this patch.
	WLS 10.3.6 JDBC Patch 27541896	Released January 2018	Please refer to Note 1970437.1 How To Update the JDBC and UCP Drivers Bundled with WebLogic Server 10.3.6 and 12c
	See Note 1936300.1 How to Change SSL Protocols (to Disable SSL 2.0/3.0) in Oracle Fusion Middleware Products (Doc ID 1936300.1)	Released October 2014	SSL V3.0 "Poodle" Advisory

3.3.43.6 Oracle WebLogic Server Proxy Plug-Ins for Third-Party Webservers

Critical Patch Update Availability for Oracle WebLogic Server Proxy Plug-Ins

The available patches for Oracle WebLogic Server Plug-ins (Apache/IIS).

Product Home	Patch	Advisory Number	Comments
WebLogic Server Proxy Plug-In	IIS PLUGIN BUNDLE PATCH 12.2.1.4.210420 Patch 32500025 or later APACHE PLUGIN BUNDLE PATCH 12.2.1.4.210420 Patch 32499990 or later	Released April 2021	These are full replacements for WebLogic Server Proxy Plug-In. Versions 11.1.1.9.0 and 12.2.1.3 should update to the latest 12.2.1.4 Proxy Plug-In. See Note 1111903.1 , WebLogic Server Proxy Plug-In Support.

3.3.44 Oracle Coherence

Error Correction information for Oracle Coherence

Patch	14.1.1.0	12.2.1.4	12.2.1.3	12.1.3.0	3.7.1	Comments

Information						
Final CPU	January 2028	July 2025	October 2021	January 2022	October 2021	The official dates are in the Lifetime Support document, which is updated when any extension is approved.

Critical Patch Update Availability for Oracle Coherence

Follow the guidance below to locate the patches that should be applied to a Standalone Oracle Coherence installation

Product Home	Patch	Advisory Number	Comments
Applies to all Oracle Coherence Versions	See Note 2810386.1 , Oracle Critical Patch Update (CPU) October 2021 for Oracle Java SE	See Note 2810386.1 , Oracle Critical Patch Update (CPU) October 2021 for Oracle Java SE	
Oracle Coherence 14.1.1.0	OPatch 13.9.4.2.6 Patch 28186730 or later Coherence 14.1.1.0 Cumulative Patch 6 Patch 32973306 or later	Released July 2021	If WLS is installed, see WLS 14.1.1.0 for a full list of patches needed including Oracle Coherence
Oracle Coherence 12.2.1.4	OPatch 13.9.4.2.6 Patch 28186730 or later Coherence 12.2.1.4 Cumulative Patch 10 Patch 32973297 or later	Released July 2021	If WLS is installed, see WLS 12.2.1.4 for a full list of patches needed including Oracle Coherence
Oracle Coherence 12.2.1.3	OPatch 13.9.4.2.6 Patch 28186730 or later Coherence 12.2.1.3 Cumulative Patch 15 Patch 32973279 or later	Released July 2021	If WLS is installed, see WLS 12.2.1.3 for a full list of patches needed including Oracle Coherence
Oracle Coherence 12.1.3.0	Coherence 12.1.3.0 Cumulative Patch 12 Patch 32973268 or later	Released July 2021	If WLS is installed, see WLS 12.1.3 for a full list of patches needed including Oracle Coherence
Oracle Coherence 3.7.1.x	Coherence 3.7.1 Patch 22 Patch 32973233 or later	Released July 2021	If WLS is installed, see WLS 10.3.6 for a full list of patches needed including Oracle Coherence

3.4 Oracle Sun Middleware

This section contains the following:

- [Section 3.4.1 "Directory Server Enterprise Edition"](#)

3.4.1 Directory Server Enterprise Edition

Error Correction information for Directory Server Enterprise Edition

Patch Information	11.1.1.7.0	Comments
-------------------	------------	----------

Patch Information	11.1.1.7.0	Comments
Final CPU (Premier Support)	October 2019	
Final CPU (Extended Support)	October 2022	

Patch Availability for Directory Server Enterprise Edition

Product Home	Patch	Advisory Number	Comments
11.1.1.7.0	ODSEE BP 11.1.1.7.190716 Patch 29893742	Released July 2019	CVE-2018-18508 is not applicable to Windows Platform. Please refer to 2.2 Post Release Patches for Windows Patch.

3.5 Tools

This section contains the following:

- [Section 3.5.1 "Oracle OPatch"](#)

3.5.1 Oracle OPatch

Minimum Product Requirements for Oracle OPatch

The CPU security vulnerabilities are fixed in the listed release and later releases. The Oracle OPatch downloads can be found at [Patch 6880880](#).

Component	Release	Advisory Number	Comments
Oracle OPatch	11.2.0.3.31, 21.2.0.1.27	CVE-2021-36090, CVE-2021-35515, CVE-2021-35516, CVE-2021-35517, CVE-2020-25649	Download the latest versions available to install Database Patches

4 Final CPU History

Final CPU History

The Final CPU is the last quarter that a product is supported in the CPU program as per the Premier Support and Extended Support policies. For more information, see My Oracle Support [Note 209768.1](#), Database, FMW, EM Grid Control, and OCS Software Error Correction Support Policy.

Release	Final CPUs	Comments
April 2021	Oracle API Gateway 11.1.2.4 Oracle Database 18 Oracle Endeca Information Discovery Studio 3.2	
January 2021	Oracle Complex Event Processing Oracle Endeca Server Oracle Endeca Information Discovery Integrator Oracle Endeca Information Discovery Studio Oracle Enterprise Manager Cloud Control 13.3.0.0 Oracle Outside In Technology 8.5.4	
October 2020	Oracle Enterprise Data Quality for Product Data 11.1.1.6.0 Oracle Enterprise Manager Cloud Control 12.1.0.5	
July 2020	Oracle Tuxedo 12.1.1.0 Oracle Tuxedo System and Applications Monitor Plus (TSAM Plus) 12.1.1.1	

	Oracle Real User Experience Insight 13.3.1.0	
April 2020	Management Pack For Oracle GoldenGate 11.2.1.0 Oracle Big Data Discovery Oracle Enterprise Manager Cloud Control 13c Release 2 (13.2.0.0)	
January 2020	Oracle Enterprise Manager Ops Center 12.3.3 Oracle Enterprise Repository 12.1.3 Oracle Fusion Middleware 12.1.3.0 Oracle GoldenGate 11.2.1.0 Oracle Map Viewer 12.1.3.0	
October 2019	Oracle Application Testing Suite 13.2.0.1 Oracle Business Transaction Management 12.1.0.7 Oracle Enterprise Data Quality 9.0 Oracle GoldenGate for Big Data 12.3.1.1.0 Oracle GoldenGate Management Pack Plugin 12.1.0 Oracle Identity Analytics 11.1.1.5.0 Oracle JDeveloper and Oracle ADF 12.1.3.0 Oracle OpenSSO 8.0 u2 (8.0.2.0) Oracle Waveset 8.1.1	
July 2019	Oracle Application Testing Suite 13.1.0.1 Oracle Enterprise Manager Cloud Control 13.2 Oracle Enterprise Data Quality 8.1 Oracle Enterprise Data Quality 9.0	
April 2019	Oracle Enterprise Manager Ops Center 12.2.x Management Pack For Oracle GoldenGate 11.1.1 Oracle Outside In Technology 8.5.3	

5 Sources of Additional Information

The following documents provide additional information about Critical Patch Updates:

- My Oracle Support [Note 888.1](#), Primary Note for Database Proactive Patch Program
- My Oracle Support [Note 822485.1](#), Primary Note for Enterprise Manager Proactive Patch Program
- My Oracle Support [Note 1494151.1](#), Primary Note on Fusion Middleware Proactive Patching - Patch Set Updates (PSUs) and Bundle Patches (BPs)
- My Oracle Support [Note 209768.1](#), Database, FMW, Enterprise Manager, TimesTen In-Memory Database, and OCS Software Error Correction Support Policy

6 Modification History

Modification History

Date	Modification
October 19, 2021	Released Removed SuperCluster QFSDP from section 3.1.5.2 as it will not be produced for the 21c product Replaced Patch 32915586 with Patch 33192694 in section 3.1.5.2 Corrected JDK version of JDK8u301 to JDK8u311 in section 3.1.5.2
October 20, 2021	Updated the patch # for OJVM Component Database PSU 12.1.0.2.211019 in section 3.1.5.4 Updated patch availability in section 2.2 Corrected the patch # for Database PSU 12.1.0.2.211019 in section 3.1.5.4 Corrected display and link problems in section 3.3.22

Date	Modification
October 21, 2021	Corrected link for Patch 33172858 and moved it to it's own row in section 3.3.22 Added row for 11.1.2.4 & 11.2 to section 3.3.20, & 3.3.24 Added row for 11.2 to section 3.3.21, & 3.3.22
October 22, 2021	Corrected JDK version for Patch 33197468 in section 3.1.5.4 Updated the 'Oracle WebCenter Portal' row, in the 12.2.1.4 table, in section 3.3.39 Updated patch availability in section 2.2
October 25, 2021	Corrected the Java SE 7 Update level in section 3.3.43.5 Updated patch availability in section 2.2
October 27, 2021	Updated the 'Oracle Web Cache SPU' row in section 3.3.13.6 Added row for Patch 33311587 in section 3.3.22 Corrected the 'Product / Component' value for the 'Patch 32784652' row in section 3.3.11.2 Added a row for Patch 31403333 in section 3.3.11.3 Updated patch availability in section 2.2
October 29, 2021	Updated patch availability in section 2.2
November 02, 2021	Updated patch availability in section 2.2
November 03, 2021	Updated patch availability in section 2.2
November 10, 2021	Updated patch availability in section 2.2

7 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.

Critical Patch Update Availability Document October 2021

Copyright © 2006, 2021, Oracle and/or its affiliates.

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 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 installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. 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 and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon 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, Opteron, the AMD logo, and the AMD Opteron 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.

Didn't find what you are looking for?