⚜ Critical Patch Update July 2010 Patch Availability Document for Oracle Products (Doc ID 1089044.1)

PURPOSE

Oracle provides Critical Patch Updates to its customers to fix security vulnerabilities. This document defines the patches and minimum releases that are required for the Database Product Suite, Fusion Middleware Product Suite and Enterprise Manager Suite to address the security vulnerabilites that are announced in the Advisory for July 2010.

CRITICAL PATCH UPDATE JULY 2010 PATCH AVAILABILITY DOCUMENT FOR ORACLE PRODUCTS

Critical Patch Update July 2010 Patch Availability Document for Oracle Products

My Oracle Support Note 1089044.1

Released July 13, 2010

This document contains the following sections:

1 How to Use this Document

Oracle provides Critical Patch Updates to its customers to fix security vulnerabilities. This document defines the patches and minimum releases that are required for the Database Product Suite, Fusion Middleware Product Suite and Enterprise Manager Suite to address the security vulnerabilities that are announced in the Advisory for July 2010.

Use this document as follows:

Step 1

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

Step 2

Review Section 2, "What's New in this Critical Patch Update," as it lists documentation and packaging changes along with important announcements such as upcoming terminal Critical Patch Updates.

Step 3

For each environment, determine which patches need to be applied by using the tables in Section 4, "Critical Patch Update Availability for Oracle Products," and apply them.

There is one availability table for each product suite release, such as Oracle Database 11.1.0.7, Oracle Fusion Middleware 10.1.2.3, and Enterprise Manager Grid Control 10.2.0.5. These tables list all the patches to apply to the various Oracle homes that are associated with the product suite. The patches are listed in the order to apply. Apply

only the patches applicable to the release that are installed in your environment. For example, the Oracle Fusion Middleware 10.1.2.3 table lists an Oracle Portal Repository patch for Oracle Portal 10.1.4.2 Repository, and a different patch for Oracle Portal 10.1.2.3 Repository. Apply the corresponding patch based on which release of Oracle Portal is installed in your system.

There is one availability table for products that are released independently, such as Oracle Secure Backup. Products may require a minimum release and/or list patches. This is dependent on the patching and release mechanisms for the product. If a minimum release is indicated, the environment must be at that release to address the announced security vulnerabilities.

This Critical Patch Update (CPUJul2010) supersedes earlier Critical Patch Updates that have been released for the same product releases. This document is subject to continual update after the initial release, and the changes are listed in Section 9, "Modification History." If you print this document, check on My Oracle Support to ensure you have the latest version.

2 What's New in this Critical Patch Update

This section highlights changes in this document and important new changes in CPUJul2010.

This section contains the following:

- Section 2.1, "Critical Patch Update Patch Conflict Resolution for 10.1.2.3 Fusion Middleware, and 9.2.0.8, 9.2.0.8DV, and 10.1.0.5 Database"
- Section 2.2, "July 2010 Patch Set Updates"
- Section 2.3, "Platforms Added to the On-Request Program"
- Section 2.4, "Terminal Critical Patch Updates"
- Section 2.5, "New Minimum Product Requirements for CPUJul2010"
- Section 2.6, "OPatch Requirements for CPUJul2010"
- Section 2.7, "July 2010 README Patch Apply Changes for Database and Fusion Middleware Patches"

2.1 Critical Patch Update Patch Conflict Resolution for 10.1.2.3 Fusion Middleware, and 9.2.0.8, 9.2.0.8DV, and 10.1.0.5 Database

There is no longer a deadline for requesting merge conflict resolution for 10.1.2.3 Fusion Middleware and 9.2.0.8, 9.2.0.8DV, and 10.1.0.5 Database CPU patches. Requests may be made at any time, and a merge patch will be provided that resolves the conflict. If it is technically feasible, the conflicting fix will be included in a subsequent CPU. Details are in the READMEs associated with these patches.

2.2 July 2010 Patch Set Updates

Concurrent with the release of July 2010, the following Patch Set Updates (PSU) are released:

- Oracle Database 11.2.0.1.2, 11.1.0.7.4, and 10.2.0.4.5
- CRS 11.1.0.7.4
- Grid Infrastructure 11.2.0.1.2
- Enterprise Manager OMS 10.2.0.5.4

A Patch Set Update (PSU) is a proactive, cumulative patch that contains the recommended bug fixes and the Critical Patch Update security content, and therefore is an option to apply instead of the Critical Patch Update. If you are applying any July 2010 PSUs, review My Oracle Support Note 854428.1, Patch Set Updates for Oracle Products, Section 1, "What's New in Patch Set Update Releases". If you are considering applying PSUs instead of Critical Patch Updates, see Section 3.3 "Critical Patch Updates and Patch Set Updates".

2.3 Platforms Added to the On-Request Program

For CPUJul2010, there are no new platforms that have been added to the On-Request Program.

2.4 Terminal Critical Patch Updates

For information on the error correction support policy for Critical Patch Updates, refer to My Oracle Support Note 209768.1, Database, FMW, EM Grid Control, and OCS Software Error Correction Support Policy.

In Table 43 and Table 45, the terminal Critical Patch Update for each release version is indicated. Terminal Critical Patch Updates for CPUJul2010, the next Critical Patch Update, and newly scheduled terminal Critical Patch Updates are listed below.

CPUJul2010 is the terminal Critical Patch Update for:

- Oracle 9i Enterprise Manager
- Oracle Database 9.2.0.8 and 9.2.0.8 Data Vault
- Oracle Fusion Middleware 10.1.3.4

For additional terminal Critical Patch Update history information, see Table 46.

2.5 New Minimum Product Requirements for CPUJul2010

The following are new minimum product requirements for CPUJul2010:

- The new minimum version for Oracle Secure Backup is 10.3.0.2
- The new minimum versions for Times Ten are 7.0.6.2.0 and 11.2.1.6.1

2.6 OPatch Requirements for CPUJul2010

There are no new minimum OPatch requirements for CPUJul2010.

However, as part of general best practices, Oracle recommends that you use the latest released OPatch for your deployment.

2.7 July 2010 README Patch Apply Changes for Database and Fusion Middleware Patches

The following changes have been made to the patch apply steps in the July 2010 READMEs:

- PSU 11.2.0.1.2 for Grid Infrastructure now uses `opatch auto` to install the patch and differs from what instructions where provided for PSU 11.2.0.1.1 for Grid Infrastructure.

  A newer version of OPatch that supports `opatch auto` needs to be installed before you start to patch an installation.

- PSU 10.2.0.4.5 is packaged as an Overlay PSU patch. Review the README for the corresponding changes.
- You must use OPatch 10.2 version 10.2.0.4.8 or later to apply the patches for 10.2.0.4 and PSU 10.2.0.4.5.

3 About Critical Patch Updates

This section contains the following:

- Section 3.1, "Terminology in the Tables"
- Section 3.2, "On-Request Patches"
- Section 3.3, "Critical Patch Updates and Patch Set Updates"

3.1 Terminology in the Tables

The tables in the following sections show the Critical Patch Updates based on product and platform. The following terminology is used with patch availability:

- **Bundle** The Critical Patch Update and Patch Set Update fixes are included in cumulative Microsoft Windows Bundles.
- **Patch Number** The Critical Patch Update is available on the platform for the release version.
- **<DD-MMM-YY>** The Critical Patch Update is not currently available. The date is the release date.
- **Planned** The Critical Patch Update is planned.
- **Not Applicable (NA)** The Critical Patch Update is not planned for this platform and release version combination. This may be due to several reasons including:
    1. The release version is not available on this platform.
    2. The release version does not fall under Critical Patch Update release policies. Refer to My Oracle Support Note 209768.1, Database, FMW, EM Grid Control, and OCS Software Error Correction Support Policy.

       These tables reflect the available release versions and platforms as of the Critical Patch Update release date. The patch availability is updated for any platform releases that occur after the Critical Patch Update release date for which a Critical Patch Update is provided. Note that depending on when a platform is released only, the next Critical Patch Update will be provided. For more information, see Section 5, "Planned Patches for the Next Critical Patch Update Release."

- **On-Request (OR)** Oracle no longer issues proactive patches for platform-version combinations that have fewer than 10 downloads in the prior Critical Patch Update period. Oracle will deliver patches for these historically inactive platform-version combinations when requested.

3.2 On-Request Patches

Oracle no longer issues proactive patches for platform-version combinations that have fewer than 10 downloads in the prior Critical Patch Update period. Oracle will deliver patches for these historically inactive platform-version combinations when requested.

You may request an on-request (OR) Critical Patch Update as long as the version is in either Premier Support or Extended Support. Once the terminal Critical Patch Update for the version has been released, an OR can be requested for up to 2 weeks after the release date. For example, Oracle Database 10.1.0.5 is under Extended Support through the release of CPUJan2012 on January 17, 2012, so you can file a request for 10.1.0.5 through January 31, 2012.

A request may be made at any time. A specific Critical Patch Update (e.g. CPUJul2010) cannot be requested. Either the current Critical Patch Update or the next Critical Patch Update will be provided depending on when the request is received and processed. A planned availability date for the Critical Patch Update will be provided to you.

For a patch set or product release that is made available on a platform after a Critical Patch Update release date, Oracle will provide the following Critical Patch Update for that platform/release combination. A customer may request the current Critical Patch Update, by following the on-request process indicated above. Depending on when the request is received, the current or next Critical Patch Update will be provided.

For example, if a 10.2.0.4 database patch set is released for a platform on August 1, 2008, Oracle will provide the 10.2.0.4 CPUOct2008 on that platform. A customer may request a 10.2.0.4 CPUJul2008 on the platform, and Oracle will review the request and determine whether to provide CPUJul2008 or CPUOct2008.

3.3 Critical Patch Updates and Patch Set Updates

The Patch Set Updates and Critical Patch Updates that are released each quarter contain the same security fixes. However, they use different patching mechanisms and Patch Set Updates include both security and recommended bug fixes. Please be aware of the following when considering to apply Patch Set Updates instead of Critical Patch Updates.

- Critical Patch Updates are applied only on the base release version, for example 10.2.0.4.0.
- Patch Set Updates can be applied on the base release version or on any earlier Patch Set Update. For example, 10.2.0.4.2 can be applied on 10.2.0.4.1 and 10.2.0.4.0
- Once a Patch Set Update has been applied, the recommended way to get future security content is to apply subsequent Patch Set Updates. Reverting from an applied Patch Set Update back to the Critical Patch Update, while technically possible, requires significant time and effort, and is not advised.

For more information on Patch Set Updates, see Note 854428.1, Patch Set Updates for Oracle Products.

4 Critical Patch Update Availability for Oracle Products

This section contains the following:

- Section 4.1, "Oracle Application Express"
- Section 4.2, "Oracle Audit Vault"
- Section 4.3, "Oracle BEA Releases"
- Section 4.4, "Oracle Beehive"
- Section 4.5, "Oracle Business Intelligence Enterprise Edition 10.1.3.4.x"
- Section 4.6, "Oracle Business Intelligence Publisher"
- Section 4.7, "Oracle Collaboration Suite"
- Section 4.8, "Oracle COREid"
- Section 4.9, "Oracle Database"
- Section 4.10, "Oracle Database Patch Set Update (PSU)"
- Section 4.11, "Oracle Database 10g Companion CD"
- Section 4.12, "Oracle Enterprise Manager Grid Control"
- Section 4.13, "Oracle Fusion Middleware"
- Section 4.14, "Oracle Hyperion BI+"
- Section 4.15, "Oracle Outside In Technology"
- Section 4.16, "Oracle Secure Backup"
- Section 4.17, "Oracle Secure Enterprise Search"
- Section 4.18, "Oracle TimesTen"
- Section 4.19, "Oracle Workflow Server"
- Section 4.20, "Oracle Workspace Manager"

4.1 Oracle Application Express

Table 1 describes the minimum product requirements for Oracle Application Express. The Oracle Application Express downloads and installation instructions can be found at http://www.oracle.com/technology/products/database/application_express/download.html.

Table 1 Minimum Product Requirements for Oracle Application Express

Component	Release
Oracle Application Express	3.2.1.00.11

4.2 Oracle Audit Vault

Table 2 describes the patches available for Oracle Audit Vault 10.2.3.2, based on release and platform.

For each home you are about to administer, find the appropriate patches based on the components installed in that home. Then, apply those patches in the order listed.

Table 2 Critical Patch Update Availability for Oracle Audit Vault 10.2.3.2

Oracle Audit Vault 10.2.3.2	UNIX	Microsoft Windows (32-Bit)	Microsoft Windows Itanium (64-Bit)	Microsoft Windows x64 (64-Bit)	Comments
Oracle Audit Vault Targeted Source Database 11.1.0.7 home	CPU Patch 9655014, or PSU Patch 9654987	Bundle Patch 9869911	NA	Bundle Patch 9869912	Critical Patch Update
Oracle Audit Vault Server Embedded Database 10.2.0.4 home	Patch 9054847	NA	NA	NA	Merge Patch
Oracle Audit Vault Server Embedded Database 10.2.0.4 home	Patch 9054851	NA	NA	NA	Merge Patch
Oracle Audit Vault Server Embedded Database 10.2.0.4 home	Patch 9506373	NA	NA	NA	Merge Patch
Oracle Audit Vault Server Embedded Database 10.2.0.4 home	CPU Patch 9655017, or PSU Patch 9654991	Bundle Patch 9777076	Bundle Patch 9777077	Bundle Patch 9777078	Critical Patch Update
Oracle Audit Vault Targeted Source Database 10.2.0.4 home	CPU Patch 9655017, or PSU Patch 9654991	Bundle Patch 9777076	Bundle Patch 9777077	Bundle Patch 9777078	Critical Patch Update
Oracle Audit Vault Targeted Source Database 9.2.0.8 home	CPU Patch 9655027	Bundle Patch 9683644	Bundle Patch 9683645	NA	Critical Patch Update

Table 3 describes the patches available for Oracle Audit Vault 10.2.3.1, based on release and platform.

For each home you are about to administer, find the appropriate patches based on the components installed in that home. Then, apply those patches in the order listed.

Table 3 Critical Patch Update Availability for Oracle Audit Vault 10.2.3.1

Oracle Audit Vault 10.2.3.1	UNIX	Microsoft Windows (32-Bit)	Microsoft Windows Itanium (64-Bit)	Microsoft Windows x64 (64-Bit)	Comments
Oracle Audit Vault Targeted Source Database 11.1.0.7 home	CPU Patch 9655014, or PSU Patch 9654987	Bundle Patch 9869911	NA	Bundle Patch 9869912	Critical Patch Update
Oracle Audit Vault Targeted Source Database 10.2.0.4 home	CPU Patch 9655017, or PSU Patch 9654991	Bundle Patch 9777076	Bundle Patch 9777077	Bundle Patch 9777078	Critical Patch Update

Oracle Audit Vault 10.2.3.1	UNIX	Microsoft Windows (32-Bit)	Microsoft Windows Itanium (64-Bit)	Microsoft Windows x64 (64-Bit)	Comments
Oracle Audit Vault Targeted Source Database 9.2.0.8 home	CPU Patch 9655027	Bundle Patch 9683644	Bundle Patch 9683645	NA	Critical Patch Update

4.3 Oracle BEA Releases

Table 4 describes the available patches for Oracle BEA Releases based on release and platform. The patches for the BEA components are documented in My Oracle Support Note 1089046.1, Critical Patch Update July 2010 Patch Availability Document for Oracle BEA Releases.

For each home you are about to administer, find the appropriate patches based on the components installed in that home. Then, apply those patches in the order listed.

Table 4 Critical Patch Update Availability for Oracle BEA Releases

Component	UNIX	Microsoft Windows (32-Bit)	Comments
Oracle Database 11.2.0.1 home	CPU Patch 9655013, or PSU <<9654983>>	Bundle Patch 9736864	
Oracle Database 11.1.0.7 home	CPU Patch 9655014, or PSU Patch 9654987	Bundle Patch 9869911	
Oracle Database 10.2.0.4 home	CPU Patch 9655017, or PSU Patch 9654991	Bundle Patch 9777076	
Oracle Database 10.1.0.5 home	CPU Patch 9655023	Bundle Patch 9683651	
Oracle Database 9.2.0.8 home	CPU Patch 9655027	Bundle Patch 9683644	
AquaLogic Data Services Platform Complex Event Processing JRockit Oracle Business Process Management WebLogic Express WebLogic Portal WebLogic Server			See My Oracle Support Note 1089046.1

4.4 Oracle Beehive

Oracle Beehive environments contain Oracle Database and Oracle Fusion Middleware homes. For information on Oracle Database and Oracle Fusion Middleware Critical Patch Updates that apply to Beehive homes, see My Oracle Support Note 758816.1, Applying Critical Patch Updates to Beehive 1.5.

4.4.1 Critical Patch Update Availability for Oracle Beehive 2.0

Table 5 describes the patches that are available for Oracle Beehive 2.0.

For each home you are about to administer, find the appropriate patches based on the components installed in that home. Then, apply those patches in the order listed.

Table 5 Critical Patch Update Availability for Oracle Beehive 2.0

Oracle Beehive 2.0	UNIX	Microsoft Windows (32-Bit)	Comments
Oracle Database 11.2.0.1 home	CPU Patch 9655013 or PSU Patch 9654983	Bundle Patch 9736864	
Oracle Database 11.1.0.7 home	CPU Patch 9655014, or PSU Patch 9654987	Bundle Patch 9869911	
Oracle Beehive Server	Patch 9173038	Patch 9173038	Released with CPUJan2010
Oracle Beekeeper	NA	NA	

4.4.2 Critical Patch Update Availability for Oracle Beehive 1.5.1

Table 6 describes the patches that are available for Oracle Beehive 1.5.1.

For each home you are about to administer, find the appropriate patches based on the components installed in that home. Then, apply those patches in the order listed.

Table 6 Critical Patch Update Availability for Oracle Beehive 1.5.1

Oracle Beehive 1.5.1	UNIX	Microsoft Windows (32-Bit)	Comments
Oracle Database 11.1.0.7 home	CPU Patch 9655014, or PSU Patch 9654987	Bundle Patch 9869911	
Oracle Database 10.2.0.4 home	CPU Patch 9655017, or PSU Patch 9654991	Bundle Patch 9777076	
Oracle Beehive Server	Patch 9173038	Patch 9173038	Released with CPUJan2010
Oracle Beekeeper	NA	NA	

4.5 Oracle Business Intelligence Enterprise Edition 10.1.3.4.x

Table 7 describes the patches that are available for Oracle Business Intelligence Enterprise Edition.

Table 7 Critical Patch Update Availability for Oracle Business Intelligence Enterprise Edition 10.1.3.4.x

Oracle Business Intelligence Publisher Enterprise Edition 10.1.3.4.x	UNIX	Microsoft Windows (32-Bit)	Comments
10.1.3.4.1	Patch 8927890	Patch 8927890	Released with CPUOct2009
10.1.3.4.0	Patch 8927886	Patch 8927886	Released with CPUOct2009

4.6 Oracle Business Intelligence Publisher

Table 8 describes the patches that are available for Oracle Business Intelligence Publisher.

Customers on earlier versions of Oracle Business Intelligence Publisher will need to apply 10.1.3.3.2 or 10.1.3.4.0 and then apply the Critical Patch Update.

Table 8 Critical Patch Update Availability for Oracle Business Intelligence Publisher

Oracle Business Intelligence Publisher 10.1.3.x	Patch	Comments
10.1.3.4.0	Patch 8398280	Released with CPUApr2009
10.1.3.3.2	Patch 8398277	Released with CPUApr2009

4.7 Oracle Collaboration Suite

Oracle Collaboration Suite homes contain database and application server homes. For more information on Oracle Database and Oracle Fusion Middleware Critical Patch Updates that apply to Oracle Collaboration Suite homes, see My Oracle Support Note 559534.1 Applying Critical Patch Updates to Collaboration Suite 10g.

Table 9 describes the patches that are available for Oracle Collaboration Suite.

For each home you are about to administer, find the appropriate patches based on the components installed in that home. Then, apply those patches in the order listed.

Table 9 Critical Patch Update Availability for Oracle Collaboration Suite

Oracle Collaboration Suite	UNIX	Microsoft Windows (32-Bit)	Comments
Information Store and/or Metadata Repository 10.2.0.4 home (standalone)	CPU Patch 9655017, or PSU Patch 9654991	Bundle Patch 9777076	
Information Store and/or Metadata Repository 10.1.0.5 home (standalone)	CPU Patch 9655023	Bundle Patch 9683651	
Oracle Fusion Middleware 10.1.2.3 Infrastructure home	Patch 9679868	Patch 9679875	
Oracle Fusion Middleware 10.1.2.3 middle tier home	Patch 9679868	Patch 9679875	
Portal 10.1.4.2 Repository home	Patch 9386084	Patch 9386084	Released with CPUApr2010
Portal 10.1.2.3 Repository home	Patch 9386107	Patch 9386107	Released with CPUApr2010
Portal 10.1.2.3/10.1.4.2 middle tier home	Patch 7379081	Patch 7379081	Released with CPUOct2008
Collaboration Suite 10g Real-Time Collaboration home	Patch 6130704	Patch 6130704	Released with CPUJul2007
Collaboration Suite 10g Workspaces home	Patch 6127414	Patch 6127414	For more information, see My Oracle Support Note 406284.1

4.8 Oracle COREid

Table 10 describes the patches that are available for Oracle COREid. Customers on earlier versions of Oracle COREid will need to apply the patches listed below.

Table 10 Critical Patch Update Availability for Oracle COREid

Oracle COREid	Patch	Comments
10.1.4.2	Patch 8350593	
7.0.4.3	Patch 8593692	

4.9 Oracle Database

This section contains the following:

- Section 4.9.1, "Critical Patch Update Availability for Oracle Database"
- Section 4.9.2, "Oracle Database 11.2.0.1"
- Section 4.9.3, "Oracle Database 11.1.0.7"
- Section 4.9.4, "Oracle Database 10.2.0.4"
- Section 4.9.5, "Oracle Database 10.2.0.3"
- Section 4.9.6, "Oracle Database 10.1.0.5"

- Section 4.9.7, "Oracle Database 9.2.0.8 DV"
- Section 4.9.8, "Oracle Database 9.2.0.8"

4.9.1 Critical Patch Update Availability for Oracle Database

Table 11 describes the available patches for Oracle Database on UNIX.

For Oracle Database releases 10.2.0.4 and later, the Patch Set Update (PSU) is an alternate patch that includes the CPUJul2010 security bug fixes. For more information, see Table 20, and My Oracle Support Note 854428.1 Patch Set Updates for Oracle Products.

Table 11 Available Critical Patch Updates for Oracle Database

Platform	11.2.0.1.2 PSU	11.2.0.1	11.1.0.7.4 PSU	11.1.0.7	10.2.0.4.5 PSU	10.2.0.4	10.2.0.3	10.1.0.5	9.2.0.8 DV	9.2.
Terminal Critical Patch Update				-		-	-	CPUJan2012	CPUJul2010	CPU
Apple Mac OS X (Intel)	NA	NA	NA	NA	Available	OR	NA	OR	NA	NA
Fujitsu Siemens BS2000/OSD (S series)	NA	NA	NA	NA	Available	NA	NA	NA	NA	NA
Fujitsu Siemens BS2000/OSD (SX series)	NA	NA	NA	NA	Available	NA	NA	NA	NA	NA
HP OpenVMS Alpha	NA	NA	NA	NA	Available	OR	NA	OR	NA	Avai
HP OpenVMS Itanium	NA	NA	NA	NA	Available	OR	NA	NA	NA	NA
HP Tru64 UNIX	NA	NA	NA	NA	Available	OR	NA	OR	NA	Avai
HP-UX PA-RISC (64-Bit)	Available	Available	Available	Available	Available	Available	NA	Available	OR	Avai
HP-UX Itanium	Available	Available	Available	Available	Available	Available	NA	Available	NA	Avai
IBM AIX on POWER Systems (64-Bit)	Available	Available	Available	Available	Available	Available	NA	Available	OR	Avai
IBM S/390 Based Linux	NA	NA	NA	NA	NA	NA	NA	NA	NA	OR
IBM zSeries (z/OS)	NA	NA	NA	NA	NA	NA	Available	OR	NA	Avai
IBM: Linux on System Z	NA	NA	NA	NA	Available	OR	NA	Available	NA	NA
Linux Itanium	NA	NA	NA	NA	Available	OR	NA	OR	NA	OR
Linux on POWER	NA	NA	NA	NA	Available	OR	NA	OR	NA	NA
Linux x86	Available	Available	Available	Available	Available	Available	NA	Available	NA	Avai

Platform	11.2.0.1.2 PSU	11.2.0.1	11.1.0.7.4 PSU	11.1.0.7	10.2.0.4.5 PSU	10.2.0.4	10.2.0.3	10.1.0.5	9.2.0.8 DV	9.2.
Linux x86-64	Available	Available	Available	Available	Available	Available	NA	Available	OR	Avail
Oracle Solaris SPARC (32-Bit)	NA	NA	NA	NA	NA	NA	NA	NA	Available	Avai
Oracle Solaris SPARC (64-Bit)	Available	Available	Available	Available	Available	Available	NA	Available	OR	Avai
Oracle Solaris x86 (32-Bit)	NA	NA	NA	NA	Available	OR	NA	OR	NA	NA
Oracle Solaris x86-64 (64-Bit)	Available	Available	NA	NA	Available	Available	NA	NA	NA	NA

Table 12 describes the available patches for Oracle Database on Microsoft Windows. As Oracle Database Bundles are cumulative, you may install the indicated patch or any later bundle in the Database Windows bundle series to get the CPUJul2010 security bug fixes.

Table 12 Available Bundles for Oracle Database on Microsoft Windows

Platform	11.2.0.1.2 PSU	11.2.0.1	11.1.0.7.4 PSU	11.1.0.7	10.2.0.4.5 PSU	10.2.0.4	10.1.0.5	9.2.0.8
Microsoft Windows (32-Bit)	Bundle	Bundle	Bundle	Bundle	Bundle	Bundle	Bundle	Bundle
Microsoft Windows Itanium (64-Bit)	NA	NA	NA	NA	Bundle ETA 20-Jul-2010	Bundle ETA 20-Jul-2010	Bundle	OR
Microsoft Windows x64 (64-Bit)	Bundle	Bundle	Bundle	Bundle	Bundle ETA 20-Jul-2010	Bundle ETA 20-Jul-2010	NA	NA

4.9.2 Oracle Database 11.2.0.1

Table 13 describes the patches that are available for Oracle Database 11.2.0.1.

Table 13 Patch Availability for Oracle Database 11.2.0.1

Oracle Database 11.2.0.1	UNIX	Microsoft Windows (32-Bit)	Microsoft Windows x64 (64-bit)	Comments
Oracle Database home	CPU Patch 9655013, or PSU Patch 9654983	Bundle Patch 9736864	Bundle Patch 9736865	

4.9.3 Oracle Database 11.1.0.7

Table 13 describes the patches that are available for Oracle Database 11.1.0.7.

Table 14 Patch Availability for Oracle Database 11.1.0.7

Oracle Database 11.1.0.7	UNIX	Microsoft Windows (32-Bit)	Microsoft Windows x64 (64-Bit)	Comments
Oracle Database home	CPU Patch 9655014, or PSU Patch 9654987	Bundle Patch 9869911	Bundle Patch 9869912	

4.9.4 Oracle Database 10.2.0.4

Table 15 describes the patches that are available for Oracle Database 10.2.0.4.

Table 15 Patch Availability for Oracle Database 10.2.0.4

Oracle Database 10.2.0.4	UNIX	Microsoft Windows (32-Bit)	Microsoft Windows Itanium (64-Bit)	Microsoft Windows x64 (64-Bit)	Comments
Oracle Database home	CPU Patch 9655017, or PSU Patch 9654991	Bundle Patch 9777076	Bundle Patch 9777077	Bundle Patch 9777078	

4.9.5 Oracle Database 10.2.0.3

Table 16 describes the patches that are available for Oracle Database 10.2.0.3.

Table 16 Patch Availability for Oracle Database 10.2.0.3

Component	IBM zSeries (z/OS)	Comments
Oracle Database home	CPU Patch 9655018	

4.9.6 Oracle Database 10.1.0.5

Table 17 describes the patches that are available for Oracle Database 10.1.0.5.

Table 17 Patch Availability for Oracle Database 10.1.0.5

Oracle Database 10.1.0.5	UNIX	Microsoft Windows (32-Bit)	Microsoft Windows Itanium (64-Bit)	Comments
Oracle Database home (Oracle Universal Installer)	Patch 6640838	Patch 6640838	Patch 6640838	Released with CPUJan2010 See Note 565374.1 for information on installing this patch
Oracle Database home	CPU Patch 9655023	Bundle Patch 9683651	Bundle Patch 9683652	

4.9.7 Oracle Database 9.2.0.8 DV

Table 18 describes the patches that are available for Oracle Database 9.2.0.8 DV.

Table 18 Patch Availability for Oracle Database 9.2.0.8 DV

Oracle Database 9.2.0.8 DV	UNIX	Comments

Oracle Database home (Oracle Universal Installer)	Patch 6640838	Released with CPUJan2010 See Note 565374.1 for information on installing this patch
Oracle Database home	CPU Patch 9655028	

4.9.8 Oracle Database 9.2.0.8

Table 19 describes the patches that are available for Oracle Database 9.2.0.8.

Table 19 Patch Availability for Oracle Database 9.2.0.8

Oracle Database 9.2.0.8	UNIX	Microsoft Windows (32-Bit)	Microsoft Windows Itanium (64-Bit)	Comments
Oracle Database home (Oracle Universal Installer)	Patch 6640838	Patch 6640838	Patch 6640838	Released with CPUJan2010 See Note 565374.1 for information on installing this patch
Oracle Database home	CPU Patch 9655027	Bundle Patch 9683644	Patch 9683645	

4.10 Oracle Database Patch Set Update (PSU)

Table 20 lists the patches for Oracle Database patch set updates.

As Windows Bundles are cumulative, you may apply the patch indicated in Table 13 or any later bundle in the Windows bundle series to obtain the Patch Set Update bug fixes.

Table 20 Patch Set Update Availability for Oracle Database

Oracle Database Patch Set Update	UNIX	Comments
11.2.0.1.2	Patch 9654983	
11.2.0.1.2 Grid Infrastructure	Patch 9655006	Oracle Solaris SPARC (64-Bit) ETA 20-Jul-2010
11.1.0.7.4	Patch 9654987	
11.1.0.7.4 for CRS	Patch 9294495	Oracle Solaris SPARC (64-Bit) ETA 20-Jul-2010
10.2.0.4.5	Patch 9654991	
10.2.0.4.4 for CRS	Patch 9294403	Released in April 2010

4.11 Oracle Database 10g Companion CD

Table 21 lists the patches for Oracle Fusion Middleware components, such as Oracle HTTP Server, which are installed using the Oracle Database companion CD.

Table 21 Critical Patch Update Availability for Oracle Database 10g Companion CD

Oracle Database Companion CD - Oracle HTTP Server	UNIX	Microsoft Windows (32-Bit)	Microsoft Windows Itanium (64-Bit)	Comments

10.2. Companion CD with Oracle HTTP Server 10.1.2.3	CPU Patch 9679868	Bundle Patch 9679875	Bundle Patch 9679881	Refer to My Oracle Support Note 400010.1 Steps to Maintain Oracle Database 10.2 Companion CD Home (for Oracle HTTP Server).

4.12 Oracle Enterprise Manager Grid Control

For CPUJul2010 patch information, see Section 4.12, "Oracle Enterprise Manager Grid Control." For information on identifying the components that are installed in your environment, see My Oracle Support Note 605398.1, How To Find The Version Of The Main EM Components.

The following tables describe Critical Patch Update availability for Oracle Enterprise Manager Grid Control:

- Table 22, "Critical Patch Update Availability for Oracle Enterprise Manager Grid Control 11.1.0.1"
- Table 23, "Critical Patch Update Availability for Oracle Enterprise Manager Grid Control 10.2.0.5"
- Table 24, "Critical Patch Update Availability for Oracle Enterprise Manager Grid Control 10.1.0.6"
- Table 25, "Critical Patch Update Availability for Oracle9i Enterprise Manager"

The Critical Patch Updates for Enterprise Manager Grid Control are not inclusive of the Oracle Database and Oracle Fusion Middleware middle tier patches. Since these products are bundled with Enterprise Manager Grid Control, the Repository (Oracle Database) and Oracle Management Server (Oracle Fusion Middleware middle tier) should be patched separately, depending on which versions are installed. For more information, see My Oracle Support Note 412431.1, Grid Control Certification Matrix.

4.12.1 Critical Patch Update Availability for Oracle Enterprise Manager Grid Control 11.1.0.1

Table 22 describes the patches that are available for Oracle Enterprise Manager Grid Control 11.1.0.1.

For each home you are about to administer, find the appropriate patches based on the components installed in that home. Then, apply those patches in the order listed. For information on identifying the components that are installed in your environment, see My Oracle Support Note 605398.1, How To Find The Version Of The Main EM Components.

Table 22 Critical Patch Update Availability for Oracle Enterprise Manager Grid Control 11.1.0.1

Oracle Enterprise Manager Grid Control 11.1.0.1	UNIX	Microsoft Windows (32-Bit)	Comments
Repository 11.2.0.1 home	CPU Patch 9655013, or PSU <<9654983>>	Bundle Patch 9736864	
Repository 11.1.0.7 home	CPU Patch 9655014, or PSU Patch 9654987	Bundle Patch 9869911	
Repository 10.2.0.4 home	CPU Patch 9655017, or PSU Patch 9654991	Bundle Patch 9777076	

4.12.2 Critical Patch Update Availability for Oracle Enterprise Manager Grid Control 10.2.0.5

Table 23 describes the patches that are available for Oracle Enterprise Manager Grid Control 10.2.0.5.

For each home you are about to administer, find the appropriate patches based on the components installed in that home. Then, apply those patches in the order listed. For information on identifying the components that are installed in your environment, see My Oracle Support Note 605398.1, How To Find The Version Of The Main EM Components.

Table 23 Critical Patch Update Availability for Oracle Enterprise Manager Grid Control 10.2.0.5

Oracle Enterprise Manager Grid Control 10.2.0.5	UNIX	Microsoft Windows (32-Bit)	Comments
Repository 11.1.0.7 home	CPU Patch 9655014, or PSU Patch 9654987	Bundle Patch 9869911	
Repository 10.2.0.4 home	CPU Patch 9655017, or PSU Patch 9654991	Bundle Patch 9777076	

Oracle Enterprise Manager Grid Control 10.2.0.5	UNIX	Microsoft Windows (32-Bit)	Comments
Repository 10.1.0.5 home	CPU Patch 9655023	Bundle Patch 9683651	
Repository 9.2.0.8 home	CPU Patch 9655027	Bundle Patch 9683644	
Management Server 10.2.0.5 home	PSU Patch 9786002	PSU Patch 9786002	
Management Server 10.1.2.3 middle tier home	Patch 9679868	Patch 9679875	
Enterprise Manager 10.1.0.5 Agent home	Patch 5493271	Patch 5493271	Released with CPUJan2007

4.12.3 Critical Patch Update Availability for Oracle Enterprise Manager Grid Control 10.1.0.6

Table 24 describes the patches that are available for Oracle Enterprise Manager Grid Control 10.1.0.6.

For each home you are about to administer, find the appropriate patches based on the components installed in that home. Then, apply those patches in the order listed.

Table 24 Critical Patch Update Availability for Oracle Enterprise Manager Grid Control 10.1.0.6

Oracle Enterprise Manager Grid Control 10.1.0.6	UNIX	Microsoft Windows (32-Bit)	Comments
Repository 10.1.0.5 home	CPU Patch 9655023	Bundle Patch 9683651	
Repository 9.2.0.8 home	CPU Patch 9655027	Bundle Patch 9683644	
Application Server 9.0.4.3 home	CPU Patch 7135486	Patch 7135486	Released with CPUJul2008
Enterprise Manager Grid Control home	OR	OR	
Enterprise Manager 10.1.0.5 Agent home	Patch 5493271	Patch 5493271	Released with CPUJan2007

4.12.4 Critical Patch Update Availability for Oracle9i Enterprise Manager

Table 25 describes the patches that are available for Oracle9i Enterprise Manager.

For each home you are about to administer, find the appropriate patches based on the components installed in that home. Then, apply those patches in the order listed.

Table 25 Critical Patch Update Availability for Oracle9i Enterprise Manager

Oracle9i Enterprise Manager	UNIX	Microsoft Windows (32-Bit)	Comments
Repository 9.2.0.8 home	CPU Patch 9655027	Bundle Patch 9683644	
Application Server 9.0.4.3 home	Patch 7135486	Patch 7135486	Released with CPUJul2008
Enterprise Manager 9.2.0.8 Agent home	Patch 5901875	Patch 5901875	Released with CPUApr2007

4.13 Oracle Fusion Middleware

Additional information may be found in My Oracle Support Note 405972.1, Oracle Application Server 10g Examples for Critical Patch Updates - Plus FMW 11g.

This section contains the following:

- Section 4.13.1, "Critical Patch Update Availability for Oracle Identity Management 10.1.4.3"
- Section 4.13.2, "Critical Patch Update Availability for Oracle Identity Management 10.1.4.0.1"

4.13.1 Critical Patch Update Availability for Oracle Identity Management 10.1.4.3

Table 26 describes patch information for Oracle Identity Management 10.1.4.3.

For each home you are about to administer, find the appropriate patches based on the components installed in that home. Then, apply those patches in the order listed. For information about the different types of installations, see My Oracle Support Note 405972.1, Oracle Application Server 10g Examples for Critical Patch Updates - Plus FMW 11g.

See Table 29 prior to downloading the infrastructure and middle tier patches to verify the patches are available on your target platforms.

Table 26 Critical Patch Update Availability for Oracle Identity Management 10.1.4.3

Oracle Identity Management 10.1.4.3	UNIX	Microsoft Windows (32-Bit)	Microsoft Windows Itanium (64-Bit)	Comments
Oracle Identity Management 10.1.4.3 home	Patch 9679868	Patch 9679875	Patch 9679881	Fusion Middleware and Database patch
Oracle Identity Management 10.1.4.3 home	Patch 9388890	Patch 9388890	Patch 9388890	Oracle Identity Management patch

4.13.2 Critical Patch Update Availability for Oracle Identity Management 10.1.4.0.1

Table 27 describes patch information for Oracle Identity Management 10.1.4.0.1.

For each home you are about to administer, find the appropriate patches based on the components installed in that home. Then, apply those patches in the order listed. For information about the different types of installations, see My Oracle Support Note 405972.1, Oracle Application Server 10g Examples for Critical Patch Updates - Plus FMW 11g.

See Table 29 prior to downloading the infrastructure and middle tier patches to verify the patches are available on your target platforms.

Table 27 Critical Patch Update Availability for Oracle Identity Management 10.1.4.0.1

Oracle Identity Management 10.1.4.0.1	Oracle Solaris x86 (32-Bit)	Comments
Oracle Identity Management 10.1.4.0.1 home	Patch 9679868	Fusion Middleware and Database patch
Oracle Identity Management 10.1.4.0.1 home	Patch 9679932	Oracle Identity Management patch

4.13.3 Oracle Fusion Middleware Minimum Product Requirements

Table 28 describes the minimum product requirements for all Oracle Fusion Middleware products, including infrastructure, middle tier and standalone homes. For CPUJul2010 patch information, see My Oracle Support Note 405972.1, Oracle Application Server 10g Examples for Critical Patch Updates - Plus FMW 11g.

Table 28 Minimum Product Requirements for Oracle Fusion Middleware Critical Patch Updates

Component	Oracle Fusion Middleware 11.1.1.x	Oracle Fusion Middleware 10.1.3.x	Oracle Fusion Middleware 10.1.2.3

Oracle Database	10.2.0.4	10.1.0.5	10.1.0.5
JInitiator[Foot 1]	NA	NA	JInitiator 1.3.1.28 Patch 5882294 or later

Footnote 1 JInitiator is a Java Virtual Machine plug-in which has its own installation process. It is not part of any Oracle home. It is installed by default only in homes where Oracle Forms is installed.

4.13.4 Critical Patch Update Availability for Oracle Fusion Middleware

Table 29 describes the patches that are available for Oracle Fusion Middleware, based on release and platform.

Table 29 Critical Patch Update Availability for Oracle Fusion Middleware

Platform	Oracle Fusion Middleware 11.1.1.x	Oracle Fusion Middleware 10.1.3.5.x	Oracle Fusion Middleware 10.1.3.4	Oracle Fusion Middleware 10.1.2.3
Terminal Critical Patch Update	-	-	CPUJul2010	-
HP-UX Itanium	NA	Available	Available	Available
HP-UX PA-RISC (64-Bit)	NA	Available	Available	Available
HP Tru64 UNIX	NA	NA	NA	OR
IBM AIX on POWER Systems (64-Bit)	NA	Available	Available	Available
IBM: Linux on System z	NA	NA	OR	Available
Linux Itanium	NA	Available	OR	OR
Linux on POWER	NA	Available	OR	OR
Linux x86	NA	Available	Available	Available
Microsoft Windows (32-Bit)	NA	Available	Available	Available
Microsoft Windows Itanium (64-Bit)	NA	Available	OR	Available
Oracle Solaris SPARC (32-Bit)	NA	Available	Available	Available
Oracle Solaris x86 (32-Bit)	NA	NA	Available	Available

4.13.5 Critical Patch Update Availability for Oracle Fusion Middleware 11.1.1.x

Table 30 describes patch information for Oracle Fusion Middleware 11.1.1.x.

Table 30 Critical Patch Update Availability for Oracle Fusion Middleware 11.1.1.x

Oracle Fusion Middleware 11.1.1.x	UNIX	Microsoft Windows (32-Bit)	Comments
Oracle Database 11.2.0.1 home	CPU Patch 9655013, or PSU <<9654983>>	Bundle Patch 9736864	
Oracle Database 11.1.0.7 home	CPU Patch 9655014, or PSU Patch 9654987	Bundle Patch 9869911	
Oracle Database 10.2.0.4 home	CPU Patch 9655017, or PSU Patch 9654991	Bundle Patch 9777076	
Middleware home	See Section 4 in Note 967464.1	See Section 4 in Note 967464.1	

4.13.6 Critical Patch Update Availability for Oracle Fusion Middleware 10.1.3.5.x

Table 31 describes patch information for Oracle Fusion Middleware 10.1.3.5.x.

For each home you are about to administer, find the appropriate patches based on the components installed in that home. Then, apply those patches in the order listed. For information about the different types of installations, see My Oracle Support Note 405972.1, Oracle Application Server 10g Examples for Critical Patch Updates - Plus FMW 11g.

See Table 29 prior to downloading the infrastructure and middle tier patches to verify the patches are available on your target platforms.

Table 31 Critical Patch Update Availability for Oracle Fusion Middleware 10.1.3.5.x

Oracle Fusion Middleware 10.1.3.5.x	UNIX	Microsoft Windows (32-Bit)	Microsoft Windows Itanium (64-Bit)	Comments
Middle tier home	Patch 9173043	Patch 9173043	Patch 9173043	Released with CPUJan2010

4.13.7 Critical Patch Update Availability for Oracle Fusion Middleware 10.1.3.4

Table 32 describes patch information for Oracle Fusion Middleware 10.1.3.4.

For each home you are about to administer, find the appropriate patches based on the components installed in that home. Then, apply those patches in the order listed. For information about the different types of installations, see My Oracle Support Note 405972.1, Oracle Application Server 10g Examples for Critical Patch Updates - Plus FMW 11g.

See Table 29 prior to downloading the infrastructure and middle tier patches to verify the patches are available on your target platforms.

Table 32 Critical Patch Update Availability for Oracle Fusion Middleware 10.1.3.4

Oracle Fusion Middleware 10.1.3.4	UNIX	Microsoft Windows (32-Bit)	Microsoft Windows Itanium (64-Bit)	Comments
Middle tier home	Patch 9173038	Patch 9173038	Patch 9173038	Released with CPUJan2010
OC4J home (Standalone)	Patch 9452259	Patch 9452259	Patch 9452259	Released with CPUJan2010

4.13.8 Critical Patch Update Availability for Oracle Fusion Middleware 10.1.2.3

Table 33 describes patch information for Oracle Fusion Middleware 10.1.2.3.

For each home you are about to administer, find the appropriate patches based on the components installed in that home. Then, apply those patches in the order listed. For information about the different types of installations, see My Oracle Support Note 405972.1, Oracle Application Server 10g Examples for Critical Patch Updates - Plus FMW 11g.

Table 33 Critical Patch Update Availability for Oracle Fusion Middleware 10.1.2.3

Oracle Fusion Middleware 10.1.2.3	UNIX	Microsoft Windows (32-Bit)	Microsoft Windows Itanium (64-Bit)	Comments
Infrastructure home (Oracle Universal Installer)	Patch 6640838	Patch 6640838	Patch 6640838	Released with CPUJan2010 See Note 565374.1 for information on installing this patch
Infrastructure home	Patch 9679868	Patch 9679875	Patch 9679881	Fusion Middleware and Database patch

Oracle Fusion Middleware 10.1.2.3	UNIX	Microsoft Windows (32-Bit)	Microsoft Windows Itanium (64-Bit)	Comments
Middle Tier home (Oracle Universal Installer)	Patch 6640838	Patch 6640838	Patch 6640838	Released with CPUJan2010 See Note 565374.1 for information on installing this patch
Middle tier home	Patch 9679868	Patch 9679875	Patch 9679881	
Developer Suite home	Patch 9679868	Patch 9679875	Patch 9679881	
Portal 10.1.4.2 Repository home	Patch 9386084	Patch 9386084	Patch 9386084	If you are using Portal 10.1.4.2 and Database 9.2.0.x then install Patch 9856103 instead of Patch 9386084
Portal 10.1.2.3 Repository home	Patch 9386107	Patch 9386107	Patch 9386107	
Portal 10.1.2.3/10.1.4.2 middle tier home	Patch 7379081	Patch 7379081	Patch 7379081	Released with CPUOct2008
JDeveloper home	Patch 7573867	Patch 7573867	Patch 7573867	Released with CPUJan2009 Apply to JDeveloper homes only
Discoverer Admin/Desktop home	NA	Patch 7277413	NA	Released with CPUOct2008
OC4J home (Standalone)	Patch 9452262	Patch 9452262	Patch 9452262	Released with CPUJan2010
Middle Tier home (Oracle Wireless)	Patch 9774786	Patch 9774786	Patch 9774786	

4.14 Oracle Hyperion BI+

Table 34 describes the patches available for Oracle Hyperion BI+, based on release.

Table 34 Minimum Product Requirements for Oracle Hyperion BI+

Oracle Hyperion BI+	Patch	Comments
Release 9.3.1.0.52 Release 9.2.0.3.24 Release 8.5.0.3.2 Release 8.3.2.4.12	Patch 6771133	Released with CPUJul2008

4.15 Oracle Outside In Technology

Table 35 describes the available patches for Oracle Outside in Technology.

Table 35 Critical Patch Update Availability for Oracle Outside In Technology

Oracle Outside In Technology	Patch	Comments
Oracle Outside In Technology 8.3.0	Patch 8415150	Released with CPUApr2009
Oracle Outside In Technology 8.2.2	Patch 8415143	Released with CPUApr2009

4.16 Oracle Secure Backup

Table 36 describes the minimum product requirements for Oracle Secure Backup.

Table 36 Minimum Product Requirements for Oracle Secure Backup

Oracle Secure Backup	Release
Oracle Secure Backup	10.3.0.2

4.17 Oracle Secure Enterprise Search

Table 37 describes the patches that are available for Oracle Secure Enterprise Search 11.1.2.x.

Table 37 Critical Patch Update Availability for Oracle Secure Enterprise Search 11.1.2.x

Oracle Secure Enterprise Search	UNIX	Microsoft Windows (32-Bit)
Oracle Database 11.1.0.7	CPU Patch 9655014 or PSU Patch 9654987	Bundle Patch 9869911
Oracle Database 10.1.0.5	CPU Patch 9655023	Bundle Patch 9683651

Table 38 describes the patches that are available for Oracle Secure Enterprise Search.

Table 38 Critical Patch Update Availability for Oracle Secure Enterprise Search 10.1.8.x

Oracle Secure Enterprise Search	UNIX	Microsoft Windows (32-Bit)
Oracle Database 10.1.0.5	CPU Patch 9655023	Bundle Patch 9683651

4.18 Oracle TimesTen

Table 39 describes the minimum product requirements for Oracle TimesTen.

Table 39 Minimum Product Requirements for Oracle TimesTen

Oracle TimesTen Release
11.2.1.6.1
7.0.6.2.0

4.19 Oracle Workflow Server

Table 40 describes the minimum product requirements for Oracle Workflow Server. For CPUJul2010 patch information, see Section 4.9, "Oracle Database" and Section 4.13, "Oracle Fusion Middleware."

Table 40 Minimum Product Requirements for Oracle Workflow Server

Component	Oracle Workflow Server 2.6.4	Oracle Workflow Server 2.6.3.5	Oracle Workflow Server 2.6.3	Oracle Workflow Server 2.6.2
Oracle Database	10.2.0.3	NA	10.1.0.5	9.2.0.8
Oracle Fusion Middleware	NA	10.1.2.2	9.0.4.3	NA

Table 41 describes the patches that are available for Oracle Workflow Server.

Table 41 Critical Patch Update Availability for Oracle Workflow Server

Oracle Workflow Server	Patch	Comments
Release 2.6.4	Patch 5904430	Released with CPUApr2007
Release 2.6.3.5	Patch 5907249	Released with CPUApr2007
Release 2.6.3	Patch 5930464	Released with CPUApr2007
Release 2.6.2	Patch 5930467	Released with CPUApr2007

4.20 Oracle Workspace Manager

Table 42 describes the patches that are available for Oracle Workspace Manager, based on release.

Table 42 Oracle Workspace Manager Patch Availability

Release	Patch	Comments
Oracle Database 10.1.0.5	Patch 7341989	Released with CPUApr2009
Oracle Database 9.2.0.8	Patch 7341991	Released with CPUApr2009
Oracle Database 9.2.0.8DV	Patch 7341991	Released with CPUApr2009

5 Planned Patches for the Next Critical Patch Update Release

This section lists the planned patches for the next Critical Patch Update release. It is intended for your planning purposes only.

- **Bundle** The Critical Patch Update and Patch Set Update fixes are included in cumulative Microsoft Windows Bundles.
- **Planned** The Critical Patch Update is planned.
- **Not Applicable (NA)** The Critical Patch Update is not planned for this platform and release version combination. This may be due to several reasons including:
  1. The release version is not available on this platform.
  2. The release version does not fall under Critical Patch Update release policies. Refer to the My Oracle Support Note 209768.1, Database, FMW, EM Grid Control, and OCS Software Error Correction Support Policy.
- **On-Request (OR)** In order to provide enhanced support to our customers, Oracle no longer issues proactive patches for platform-version combinations that have had fewer than 10 downloads in the prior Critical Patch Update period. Oracle delivers patches for these historically inactive platform-version combinations to customers on an on-request basis.

  Requests are considered only for platform-version combinations indicated with OR in the following tables:

  - Table 43, "Planned Critical Patch Updates for Oracle Database"
  - Table 45, "Planned Critical Patch Updates for Oracle Fusion MIddleware Infrastructure and Middle Tier"

Table 43 describes the planned patches for Oracle Database, based on release:

Table 43 Planned Critical Patch Updates for Oracle Database

Platform	11.2.0.1.2 PSU	11.2.0.1	11.1.0.7.4 PSU	11.1.0.7	10.2.0.5.1 PSU	10.2.0.5	10.2.0.4.5 PSU	10.2.0.4	10.2.0.3	10.1.0.
Terminal Critical Patch Update				-			April 2011	April 2011	-	January 2012
Apple Mac OS X (Intel)	NA	NA	NA	NA	NA	NA	Planned	OR	NA	OR
Fujitsu Siemens BS2000/OSD (S series)	NA	NA	NA	NA	NA	NA	Planned	NA	NA	NA

Platform	11.2.0.1.2 PSU	11.2.0.1	11.1.0.7.4 PSU	11.1.0.7	10.2.0.5.1 PSU	10.2.0.5	10.2.0.4.5 PSU	10.2.0.4	10.2.0.3	10.1.0.
Fujitsu Siemens BS2000/OSD (SX series)	NA	NA	NA	NA	NA	NA	Planned	NA	NA	NA
HP OpenVMS Alpha	NA	NA	NA	NA	NA	NA	Planned	OR	NA	OR
HP OpenVMS Itanium	NA	NA	NA	NA	NA	NA	Planned	OR	NA	NA
HP Tru64 UNIX	NA	NA	NA	NA	NA	NA	Planned	OR	NA	OR
HP-UX PA-RISC (64-Bit)	Planned	Planned	Planned	Planned	NA	NA	Planned	Planned	NA	Planned
HP-UX Itanium	Planned	Planned	Planned	Planned	Planned	Planned	Planned	Planned	NA	Planned
IBM AIX on POWER Systems (64-Bit)	Planned	Planned	Planned	Planned	Planned	Planned	Planned	Planned	NA	Planned
IBM S/390 Based Linux	NA	NA	NA	NA			NA	NA	NA	NA
IBM zSeries (z/OS)	NA	NA	NA	NA	NA	NA	NA	NA	Planned	OR
IBM: Linux on System Z	NA	NA	NA	NA	NA	NA	Planned	OR	NA	OR
Linux Itanium	NA	NA	NA	NA	NA	NA	Planned	OR	NA	OR
Linux on POWER	NA	NA	NA	NA	NA	NA	Planned	OR	NA	OR
Linux x86	Planned	Planned	Planned	Planned	Planned	Planned	Planned	Planned	NA	Planned
Linux x86-64	Planned	Planned	Planned	Planned	Planned	Planned	Planned	Planned	NA	Planned
Oracle Solaris SPARC (32-Bit)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oracle Solaris SPARC (64-Bit)	Planned	Planned	Planned	Planned	Planned	Planned	Planned	Planned	NA	Planned
Oracle Solaris x86 (32-Bit)	NA	NA	NA	NA	NA	NA	Planned	OR	NA	OR
Oracle Solaris x86-64 (64-Bit)	Planned	Planned	NA	NA	Planned	Planned	Planned	Planned	NA	NA

Table 44 Planned Bundles for Oracle Database on Microsoft Windows

Platform	11.2.0.1.2 PSU	11.2.0.1	11.1.0.7.4 PSU	11.1.0.7	10.2.0.5.1	10.2.0.5	10.2.0.4.5 PSU	10.2.0.4	10.1.0.5

Microsoft Windows (32-Bit)	Bundle	Bundle	Bundle	Bundle	NA	NA	Bundle	Bundle	Bundle
Microsoft Windows Itanium (64-Bit)	NA	NA	NA	NA	NA	NA	Bundle	Bundle	Bundle
Microsoft Windows x64 (64-Bit	Bundle	Bundle	Bundle	Bundle	NA	NA	Bundle	Bundle	NA

Table 45 describes the planned patches for Oracle Fusion Middleware Infrastructure and middle tiers.

Table 45 Planned Critical Patch Updates for Oracle Fusion MIddleware Infrastructure and Middle Tier

	10.1.4.3	10.1.4.0.1	10.1.3.5	10.1.2.3
Terminal Critical Patch Update	-	-	-	-
Planned for October 2010	Planned	Planned	NA	Planned
On Request Platforms	-	-	-	HP-Tru64 Unix Linux Itanium Linux on Power

6 Terminal Critical Patch Update History

Table 46 describes the release for terminal Critical Patch Updates.

Table 46 Terminal Critical Patch Update History

Critical Patch Update	Terminal Critical Patch Updates	Comments
CPUJul2010	Oracle Database 9.2.0.8 Oracle Database 9.2.0.8.1 Oracle Fusion Middleware 10.1.3.4 Oracle 9i Enterprise Manager	
CPUJan2010	Oracle Enterprise Manager Grid Control 10.2.0.4	
CPUJul2009	Oracle Database 11.1.0.6 Oracle Fusion Middleware 10.1.3.3 Oracle Identity Management 10.1.4.2	
CPUApr2009	Oracle Database 10.2.0.3 on HP Tru64 and Windows Itanium	
CPUJan2009	Oracle Fusion Middleware 10.1.2.2 Oracle Database 10.2.0.3 Oracle Database 10.2.0.2 for VMS and VMS Itanium	For Oracle Database 10.2.0.3, excludes IBM z/OS, HP Tru64 and Windows Itanium.

Critical Patch Update	Terminal Critical Patch Updates	Comments
CPUOct2008	Oracle Database 10.2.0.2 on Solaris x86 Oracle Fusion Middleware 9.0.4.3 Oracle Enterprise Manager Grid Control 10.2.0.3	
CPUJul2008	Oracle Identity Management 10.1.4.0.1 Oracle Fusion Middleware 10.1.3.1	For Oracle Identity Management 10.1.4.0.1, excludes Solaris x86.
CPUApr2008	Oracle Fusion Middleware 10.1.2.0.2	
CPUJan2008	Oracle Fusion Middleware 10.1.3.0 Oracle Database 10.2.0.2	For Oracle Database 10.2.0.2, excludes Solaris x86, VMS, and VMS Itanium.

7 Determining Oracle Environment Settings

The following sections describe how to determine your environment settings:

- Section 7.1, "Oracle Application Express Release Information,"
- Section 7.2, "Oracle Database Release Information"
- Section 7.3, "Oracle Fusion Middleware Release Information"
- Section 7.4, "Oracle Workflow Server Release Information"

7.1 Oracle Application Express Release Information

To find out which version of Application Express is installed, execute the following query from any schema:

```
select * from apex_release;
```

7.2 Oracle Database Release Information

To determine the Oracle Database release information, you can issue the following commands.

- Start SQL*Plus from the Oracle home directory:

```
sqlplus /nolog
SQL> CONNECT / AS SYSDBA
SQL> select * from v$version;
```

The command returns the release information, such as the following:

```
Oracle9i Enterprise Edition Release 9.2.0.8.0 - Production
PL/SQL Release 9.2.0.8.0 - Production
CORE 9.2.0.8.0 Production
TNA for 32-bit Windows: Version 9.2.0.8.0 - Production
NLSRTL Version 9.2.0.8.0 - Production
```

7.3 Oracle Fusion Middleware Release Information

To determine the Oracle Fusion Middleware release information, check the installed product information using the Oracle Universal Installer.

7.4 Oracle Workflow Server Release Information

Oracle Workflow Server is installed as follows:

- Non-default option for Oracle Database
- CMSDK component for Oracle Fusion Middleware
- Non-default option for Oracle Collaboration Suite 10g

To determine the Oracle Workflow release information:

- Log in to the database as the `owf_mgr` user and issue the following command:

  ```
  select wf_core.translate('WF_VERSION') from dual;
  ```

8 Sources of Additional Information

The following documents provide additional information about Critical Patch Updates:

- My Oracle Support Note 1089035.1, Critical Patch Update July 2010 Database Patch Security Vulnerability Molecule Mapping
- My Oracle Support Note 1089048.1, Critical Patch Update July 2010 Known Issues for Oracle Enterprise Manager Grid Control.
- My Oracle Support Note 1089054.1, Critical Patch Update July 2010 Oracle Fusion Middleware Known Issues.
- My Oracle Support Note 1089065.1, Critical Patch Update July 2010 Database Known Issues.
- My Oracle Support Note 985896.1, Oracle E-Business Suite Critical Patch Update Note July 2010
- My Oracle Support Note 961735.1 Oracle Identity Management 10g (10.1.4) Support Status and Alerts
- My Oracle Support Note 605795.1, Introduction to catbundle.sql.
- My Oracle Support Note 605398.1, How To Find The Version Of The Main EM Components.
- My Oracle Support Note 559534.1, Applying Critical Patch Updates to Collaboration Suite 10g.
- My Oracle Support Note 438314.1, Critical Patch Update - Introduction to Database n-Apply CPU Patches.
- My Oracle Support Note 415222.1, Steps to Maintain Oracle Application Server 10g Release 2 (10.1.2)
- My Oracle Support Note 412431.1, Grid Control Certification Matrix.
- My Oracle Support Note 405972.1, Oracle Application Server 10g Examples for Critical Patch Updates.
- My Oracle Support Note 209768.1, Database, FMW, EM Grid Control, and OCS Software Error Correction Support Policy.
- My Oracle Support Note 161549.1, Oracle Database Server and Networking Patches for Microsoft Platforms.

9 Modification History

Table 47 lists the modification history for this document.

Table 47 Modification History

Date	Modification
10-Sep-2010	- Updated Table 11 z/OS availability - Updated Table 33
26-August-2010	- Updated Table 11 to announce availability for 10.1.0.5 for IBM ZSeries (z/OS)
11-August-2010	- Updated Table 30 changed document number
16-July-2010	- Updated Table 20 to announce availability
15-July-2010	- Updated Table 12 and Table 20 to announce availability
14-July-2010	- Updated Section 2.6
13-Jul-2010	- Updated Table 26 OIM patch numbers - Released

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