

October 17, 2007

Security Analysis

Oracle Critical Patch Update October 2007 Version Support Matrix

OVERVIEW

The product versions supported by Oracle's Critical Patch Updates (CPU) are a subset of the certified versions, thus a certified version may not be supported by the latest CPU. This document highlights the differences between certified versions and October 2007 CPU supported versions.

The significant changes to the version support matrices for the October 2007 CPU are –

ORACLE DATABASE

- 9.2.0.7 = no CPU support

ORACLE APPLICATION SERVER

- No changes

ORACLE E-BUSINESS SUITE

- ATG_PF.H RUP4 or RUP5 required for all versions (11.5.8 through 11.5.10.2)

ORACLE PATCH SET SUPPORT POLICY

Oracle only develops fixes for security vulnerabilities in recent patch sets. Even though a patch set may be fully certified and supported under Premier Support or Error Correction Support (ECS), generally only patch sets released in the past year and terminal release patch sets are supported by the CPU. Oracle has consistently not supported patch sets released longer than 18 months, although, there are a few exceptions to this policy due to product dependencies and other factors.

From Oracle Metalink Note ID [360470.1](#) #13 – "As a general rule, Critical Patch Updates (CPUs) are created for the last two patch sets of Server Technologies releases during the period when a release is in Premier Support (under the Lifetime Support Policy) or Error Correction Support (ECS). However, in the case where the latest patch set of a release has been available for more than 1 year, CPUs will be provided only for the most recent patch set for that release. Once a release enters its Extended Support (under the Lifetime Support Policy) or Extended Maintenance Support (EMS) period, CPUs are created only for the last patch set of that release."

ORACLE DATABASE

The significant change for October 2007 is that 9.2.0.7 is no longer supported. The only supported patch sets are –

- 10gR2 = 10.2.0.2 and 10.2.0.3
- 10gR1 = 10.1.0.5
- 9iR2 = 9.2.0.8

No patches are required for Oracle 11g.

ON REQUEST PATCHES FOR SMALL INSTALL-BASE PLATFORMS

Oracle has instituted a new policy beginning with the July 2007 CPU in that platforms with few downloads of CPU patches will not have patches proactively developed. The CPU patches will only be available upon request.

"Oracle will no longer issue proactive patches for platform-version combinations that have had fewer than 10 downloads in the prior CPU period. Beginning with CPUJul2007, Oracle will deliver patches for these historically inactive platform-version combinations to customers on an on-demand basis. Oracle will continue to include fixes for those vulnerabilities in the main product code line and current patchset(s)."

For the October 2007 CPU, there are not "On Request" patches.

For the January 2008 CPU will be the first "On Request" patches. The following patches will be only available through a support request –

1. 10.1.0.5 IBM zLinux
2. 10.1.0.5 IBM z/OS 390
3. 10.1.0.5 Linux on Power
4. 10.1.0.5 Mac OS

ORACLE DATABASE CPU SUPPORT MATRIX

The CPU support matrix identifies the platforms with available patches for the October 2007 CPU.

Patch Set	Desupport Date ¹	UNIX ¹ (AIX, HP, Sun)	Linux (x86)	Windows (x86)	Other ²
8i					
8.1.7.x	Dec-2006	Not supported	Not supported	Not supported	Not supported
9i					
9.0.1.x	Dec-2003	Not supported	Not supported	Not supported	Not supported
9iR2					
9.2.0.1	Jul-2007	Not supported	Not supported	Not supported	Not supported
9.2.0.2	Jul-2007	Not supported	Not supported	Not supported	Not supported
9.2.0.3	Jul-2007	Not supported	Not supported	Not supported	Not supported
9.2.0.4	Jul-2007	Not supported	Not supported	Not supported	Not supported
9.2.0.5	Jul-2007	Not supported	Not supported	Not supported	Not supported
9.2.0.6	Jul-2007	Not supported	Not supported	Not supported	Not supported
9.2.0.7	Jul-2007	Not supported	Not supported	Not supported	Not supported
9.2.0.8	Jul-2010	Yes	Yes	Yes	Yes
10g					
10.1.0.1	Jan-2009	Not supported	Not supported	Not supported	Not supported
10.1.0.2	Jan-2009	Not supported	Not supported	Not supported	Not supported
10.1.0.3	Jan-2009	Not supported	Not supported	Not supported	Not supported
10.1.0.4	Jan-2009	Not supported	Not supported	Not supported	Not supported
10.1.0.5	Jan-2012	Yes	Yes	Yes	Yes
10gR2					
10.2.0.1	Jul-2010	Not supported	Not supported	Not supported	Not supported
10.2.0.2	Jul-2010	Yes	Yes	Yes	Yes
10.2.0.3	Jul-2010	Yes	Yes	Yes	Yes

¹ Information is for the Sun Solaris SPARC platform and is generally applicable to the other major UNIX (IBM AIX and HP/UX), although, there may be exceptions. UNIX information is for the major UNIX platforms including Sun Solaris SPARC, HP-UX, and IBM AIX 5L. Other UNIX versions are included under the "Other" column.

² Other platforms includes all other supported Oracle platforms (i.e., Tru64, MacOS, OS/390, VMS, etc.) and is generalized for support of one or more platforms.

CPU FUTURE SUPPORT

For planning purposes, Integrigy attempts to predict the supported versions in the next three CPU releases. Since most significant database upgrades require several months of testing and planning, these estimates should be considered in your database upgrade planning to ensure CPU patches can be applied as quickly as possible after release. These estimates are based on public information provided by Oracle through Metalink including desupport notices, certification information, patch set release dates, CPU patch set history, and the Oracle CPU patch set support policy.

The supported versions are for major platforms only (Linux, Sun Solaris SPARC, IBM AIX 5L, and HP/UX). The percentage in parenthesis is an indicator of our confidence in the prediction since the prediction is dependent on the timely release of future patch sets and other difficult to determine factors.

Patch Set	Desupport Date	First CPU	January 2008	April 2008	July 2008
9iR2					
9.2.0.8	Jul-2010	Oct-2006	Yes	Yes	Yes
10g					
10.1.0.5	Jan-2012	Jan-2006	Yes	Yes	Yes
10gR2					
10.2.0.2	Jul-2010	Apr-2006	No (see note)	No (100%)	No (100%)
10.2.0.3	Jul-2010	Jan-2007	Yes	Yes	No (80%)
10.2.0.4*	Jul-2010	-	Yes	Yes	Yes

Notes:

* indicates currently unreleased patch sets. Patch sets are assumed to be released every 6-12 months.

10.2.0.2 = CPU desupport will be based on platform as follows –

October 2007

IBM z/OS 390

Linux x86

Mac OS

Solaris 64-bit

Solaris AMX64

Windows 32-bit

Windows AMD 64

Windows 64-bit

January 2008

AIX 5L

HP Itanium

HP/UX

IBM zLinux

Linux x86-64

Linux Itanium

Linux on Power

10.2.0.4 = Assumed to be released early 4th Quarter 2007.

ORACLE APPLICATION SERVER

CHANGES FOR OCTOBER 2007 CPU

There are no significant changes to the CPU support for October 2007.

ORACLE APPLICATION SERVER CPU SUPPORT MATRIX

The CPU support matrix identifies the platforms with available middle tier patches for the October 2007 CPU. The Oracle Application server is a complex product with numerous components, which may require additional patches. The database infrastructure tier, Web Cache, Developer, and J2EE components all may require patching and have unique version requirements.

Patch Set	Desupport Date ¹	UNIX ¹ (AIX, HP, Sun)	Linux (x86)	Windows (x86)	Other ²
9iR1					
1.0.2.2.1	Jun-2004	Not supported	Not supported	Not supported	Not supported
1.0.2.2.2³	Jun-2004	Not supported	Not supported	Not supported	Not supported
9iR2					
9.0.2.x.x	Jul-2005	Not supported	Not supported	Not supported	Not supported
9.0.3.x.x	Jul-2005	Not supported	Not supported	Not supported	Not supported
10g					
9.0.4.0.0	Dec-2008	Not supported	Not supported	Not supported	Not supported
9.0.4.1.0	Dec-2008	Not supported	Not supported	Not supported	Not supported
9.0.4.2.0	Dec-2008	Not supported	Not supported	Not supported	Not supported
9.0.4.3.0	Dec-2008	Yes	Yes	Yes	Not supported
10gR2					
10.1.2.0.0	Dec-2008	Not supported	Not supported	Not supported	Not supported
10.1.2.0.1	Dec-2008	Not supported	Not supported	Not supported	Not supported
10.1.2.0.2	Dec-2008	Yes	Yes	Yes	Yes
10.1.2.1.0	Dec-2008	Yes	Yes	Yes	Yes
10.1.2.2.0	Jan-2010	Yes	Yes	Yes	Yes
10gR3					
10.1.3.0.0	Dec-2009	Yes	Yes	Yes	Yes
10.1.3.1.0	Dec-2009	Yes	Yes	Yes	Yes
10.1.3.2.0	Dec-2009	Yes	Yes	Yes	Yes
10.1.3.2.0	Dec-2009	Yes	Yes	Yes	Yes

¹ Information is for the Sun Solaris SPARC platform and is generally applicable to the other major UNIX (IBM AIX and HP/UX), although, there are some exceptions. UNIX information is for the major UNIX platforms including Sun Solaris SPARC, HP-UX, and IBM AIX 5L. Other UNIX versions are included under the "Other" column.

² Other platforms includes all other supported Oracle platforms (i.e., Tru64, MacOS, OS/390, VMS, etc.) and is generalized for support of one or more platforms.

³ 1.0.2.2.2 is supported for the Oracle E-Business Suite 11.5.9 through 11.5.10CU2.

ORACLE E-BUSINESS SUITE

ATG_PF.H RUP4 OR RUP5 REQUIRED FOR ALL RELEASES

Beginning with the July 2007 CPU, the ATG_PF RUP n-1 or ATG_PF RUP n is required as a minimum baseline for all releases. This is for all releases including 11.5.8 and 11.5.9, which previously only required the "Rebaseline" (Metalink Note ID [363827.1](#)).

Oracle is following strict compliance with the ATG_PF RUP policy, therefore, Integrigy anticipates the January 2008 CPU will only support RUP 5 and RUP6.

11i.ATG_PF.H RUP4 = 4676589 Metalink Note ID [365228.1](#) (August 2006)

11i.ATG_PF.H RUP5 = 5473858 Metalink Note ID [375682.1](#) (April 2007)

11i.ATG_PF.H RUP6 = 5903765 Metalink Note ID [444524.1](#) (October 2007)

11.5.8 FUTURE CPU SUPPORT

Premier support for 11.5.8 ends November 2007. According to Oracle's support policy, there will be no CPU support for 11.5.8 in the January 2008 CPU.

ORACLE E-BUSINESS SUITE TECHNOLOGY STACK SUPPORT MATRIX

The following table shows the supported patchsets (black) and unsupported patchsets (red italics) for the October 2007 CPU –

Release	Database	App Server (Apache)	Developer	JInitiator (WinXP)	FND.x	ATG_PF
11.5.1 – 11.5.7	<i>Desupported</i>					
11.5.8	8.1.7.4 9.2.0.2 9.2.0.3* 9.2.0.4 – 7 9.2.0.8	1.0.2.1.x* (1.3.12) 1.0.2.2.2 (1.3.19)	6.0.8.18 (P9)* 6.0.8.x (P10 – P17) 6.0.8.27 (P18)	1.1.8.16* 1.1.8.19 – 24 1.1.8.25 1.3.1.9 – 25 1.3.1.26 – 28	FND.F* FND.G FND.H	11i.ATG_PF.H and (11i.ATG_PF.H RUP4 or 11i.ATG_PF.H RUP5)
11.5.9	9.2.0.2 9.2.0.3* 9.2.0.4 – 7 9.2.0.8 10.1.0.4 10.1.0.5 10.2.0.2 – 3	1.0.2.1.x* (1.3.12) 1.0.2.2.2 (1.3.19)	6.0.8.21 (P12)* 6.0.8.x (P9 – P17) 6.0.8.27 (P18)	1.1.8.16* 1.1.8.19 – 24 1.1.8.25 1.3.1.9 – 25 1.3.1.26 – 28	FND.G* FND.H	11i.ATG_PF.H and (11i.ATG_PF.H RUP4 or 11i.ATG_PF.H RUP5)
11.5.10	9.2.0.4 9.2.0.5* 9.2.0.6 – 7 9.2.0.8 10.1.0.4 10.1.0.5 10.2.0.2 – 3	1.0.2.1.x* (1.3.12) 1.0.2.2.2 (1.3.19)	6.0.8.24 (P15)* 6.0.8.x (P16-P17) 6.0.8.27 (P18)	1.1.8.19 – 24 1.1.8.25 1.3.1.18* 1.3.1.21-25 1.3.1.26-28	FND.H*	11i.ATG_PF.H RUP4 or 11i.ATG_PF.H RUP5
11.5.10.2	9.2.0.4 9.2.0.5* 9.2.0.6 – 7 9.2.0.8 10.1.0.4 10.1.0.5 10.2.0.2 – 3	1.0.2.1.x* (1.3.12) 1.0.2.2.2 (1.3.19)	6.0.8.24 (P15)* 6.0.8.25 (P16-P17) 6.0.8.27 (P18)	1.1.8.19 – 24 1.1.8.25 1.3.1.18* 1.3.1.21-25 1.3.1.26-28	FND.H*	11i.ATG_PF.H RUP4 or 11i.ATG_PF.H RUP5

Desupported

Certified, No CPU Support

Certified, CPU Support

* Fresh Install Version

Note: All versions are based Sun Solaris SPARC and may differ slightly based on operating system and other factors. Please use the Certify tool in Oracle Metalink and the CPU installation notes for determining the exact supported versions for your platform.

REFERENCES

CRITICAL PATCH UPDATE

- Oracle Critical Patch Update October 2007 Advisory, 16 October 2007, [Oracle Metalink Note ID 455284.1](#)

ORACLE DATABASE

- Critical Patch Update Availability Information for Oracle Server and Middleware Products, 16 October 2007, [Oracle Metalink Note ID 455287.1](#)
- Oracle 9iR2 Extended Support, <http://www.oracle.com/features/hp/database-9i-support.html>

ORACLE APPLICATION SERVER

- Critical Patch Update Availability Information for Oracle Server and Middleware Products, 16 October 2007, [Oracle Metalink Note ID 455287.1](#)
- Oracle9i Application Server 1.0.2.2 & 1.0.2.2.x, 13 April 2006, [Oracle Metalink Note ID 231674.1](#)
- Oracle9iAS Release 2 (9.0.2) Support Status and Alerts, 21 November 2005, [Oracle Metalink Note ID 248327.1](#)
- Oracle9iAS Release 2 (9.0.3) Support Status and Alerts, 26 October 2006, [Oracle Metalink Note ID 248328.1](#)
- Oracle Application Server 10g (9.0.4) Support Status and Alerts, 14 December 2006, [Oracle Metalink Note ID 248904.1](#)
- Oracle Application Server 10g (10.1.2) Support Status and Alerts, 19 February 2007, [Oracle Metalink Note ID 329361.1](#)
- Oracle Application Server 10g Release 3 (10.1.3) Support Status and Alerts, 26 March 2007, [Oracle Metalink Note ID 397022.1](#)

ORACLE E-BUSINESS SUITE

- Oracle Critical Patch Update October 2007 Pre-Installation Note for Oracle E-Business Suite, 16 October 2007, [Oracle Metalink Note ID 455294.1](#)
- Prior E-Business Suite Security Alerts, 17 April 2007, [Oracle Metalink Note ID 315713.1](#)
- E-Business Suite (Oracle Applications) 11.5.1 through 11.5.6 Desupport Notice, 12 June 2007, [Oracle Metalink Note ID 329689.1](#)
- Rebaselined Oracle Applications Technology Components for Releases 11.5.7, 11.5.8, 11.5.9, and 11.5.10, 11 October 2006, [Oracle Metalink Note ID 363827.1](#)

HISTORY

October 16, 2007 – Initial Version

ABOUT INTEGRIGY

Integrigy Corporation is a leader in application security for large enterprise, mission critical applications. Our application vulnerability assessment tool, AppSentry, assists companies in securing their largest and most important applications. AppDefend is an intrusion prevention system for Oracle Applications and blocks common types of attacks against application servers. Integrigy Consulting offers security assessment services for leading ERP and CRM applications.

AppSentry and AppDefend have been updated to detect and/or block the vulnerabilities addressed in the Oracle Critical Patch Update – October 2007.

Integrigy Corporation
P.O. Box 81545
Chicago, Illinois 60602 USA
888/542-4802
www.integrigy.com

Copyright © 2007 Integrigy Corporation.

Authors: Stephen Kost and Jack Kanter

If you have any questions, comments or suggestions regarding this document, please send them via e-mail to alerts@integrigy.com.

The Information contained in this document includes information derived from various third parties. While the Information contained in this document has been presented with all due care, Integrigy Corporation does not warrant or represent that the Information is free from errors or omission. The Information is made available on the understanding that Integrigy Corporation and its employees and agents shall have no liability (including liability by reason of negligence) to the users for any loss, damage, cost or expense incurred or arising by reason of any person using or relying on the information and whether caused by reason of any error, negligent act, omission or misrepresentation in the Information or otherwise.

Furthermore, while the Information is considered to be true and correct at the date of publication, changes in circumstances after the time of publication may impact on the accuracy of the Information. The Information may change without notice.

Integrigy's Vulnerability Disclosure Policy – Integrigy adheres to a strict disclosure policy for security vulnerabilities in order to protect our clients. We do not release detailed information regarding individual vulnerabilities and only provide information regarding vulnerabilities that is publicly available or readily discernable. We do not publish or distribute any type of exploit code. We provide verification or testing instructions for specific vulnerabilities only if the instructions do not disclose the exact vulnerability or if the information is publicly available.

Integrigy, AppSentry, and AppDefend are trademarks of Integrigy Corporation. Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.