

July 18, 2007

Security Analysis

Oracle Critical Patch Update July 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 July 2007 CPU supported versions.

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

ORACLE DATABASE

- No changes

ORACLE APPLICATION SERVER

- No changes

ORACLE E-BUSINESS SUITE

- 11.5.7 = no CPU support as Premier Support ended May 2007
- ATG_PF RUP3, 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

There are no significant changes this quarter in the supported database versions. The only change is that 9.2.0.5 and 10.2.0.1 were previously supported for some minor platforms, but are not supported for the July 2007 CPU.

CHANGES FOR OCTOBER 2007 CPU

9.2.0.7 will not be supported in the October 2007 CPU.

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 July 2007 CPU and projected for the October 2007 CPU, there are no "On Request" patches and patches will be available for all released and CPU supported version/platform combinations.

ORACLE DATABASE CPU SUPPORT MATRIX

The CPU support matrix identifies the platforms with available patches for the July 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	Yes	Yes	Yes	Yes
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 provides estimates for 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 estimate since the estimate is dependent on the timely release of future patch sets and other difficult to determine factors.

Patch Set	Desupport Date	First CPU	October 2007	January 2008	April 2008
9iR2					
9.2.0.7	Jul-2007	Oct-2005	No (100%)	No (100%)	No (100%)
9.2.0.8	Jul-2010	Oct-2006	Yes	Yes	Yes
10g					
10.1.0.4	Jan-2009	Apr-2005	No (100%)	No (100%)	No (100%)
10.1.0.5	Jan-2012	Jan-2006	Yes	Yes	Yes
10gR2					
10.2.0.2	Jul-2010	Apr-2006	Yes	No (90%)	No (100%)
10.2.0.3	Jul-2010	Jan-2007	Yes	Yes	No (60%)
10.2.0.4*	Jul-2010	-	Yes	Yes	Yes
10.2.0.5*	Jul-2010	-	-	-	Yes

Notes:

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

9.2.0.7 = Beginning with the October 2007 CPU, only the 9.2.0.8 patch set will be supported. All 9.2 databases should be upgraded to either 9.2.0.8 or 10g prior to October 2007.

10.1.0.5 = This is the terminal release of 10g and will be the only supported patch set for 10g.

10.2.0.4 = Assumed to be released early 3rd Quarter 2007.

ORACLE APPLICATION SERVER

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

CHANGES FOR OCTOBER 2007 CPU

No significant changes to the supported versions are anticipated for the October 2007 CPU.

ORACLE APPLICATION SERVER CPU SUPPORT MATRIX

The CPU support matrix identifies the platforms with available middle tier patches for the July 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

11.5.7 DESUPPORTED

Premier support for 11.5.7 ended May 2007, thus the CPU patches are not certified with 11.5.7.

ATG_PF.H RUP3, 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](#)).

Due to the recent release of RUP5, the July 2007 CPU requires a minimum of RUP3 for all releases. Future CPUs will follow-up strict compliance with the minimum RUP requirements. For the October 2007 CPU, RUP4 will be the minimum requirement.

11i.ATG_PF.H RUP3 = 4334965 Metalink Note ID [337274.1](#)

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

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

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. There is a slight possibility that Oracle will not provide support for 11.5.8 in October 2007 CPU similar to when support for 11.5.1 through 11.5.6 was ended early in July 2006.

ORACLE E-BUSINESS SUITE TECHNOLOGY STACK SUPPORT MATRIX

The following table shows the supported patchsets (black) and unsupported patchsets (red italics) for the July 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 – 6 9.2.0.7 – 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 RUP3 or 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 – 6 9.2.0.7 – 8 10.1.0.4 10.1.0.5 10.2.0.2	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 RUP3 or 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 9.2.0.7 – 8 10.1.0.4 10.1.0.5 10.2.0.2	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 RUP3 or 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 9.2.0.7 – 8 10.1.0.4 10.1.0.5 10.2.0.2	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 RUP3 or 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 July 2007 Advisory, 17 July 2007, [Oracle Metalink Note ID 432865.1](#)

ORACLE DATABASE

- Critical Patch Update Availability Information for Oracle Server and Middleware Products, 17 July 2007, [Oracle Metalink Note ID 432873.1](#)
- 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, 17 July 2007, [Oracle Metalink Note ID 432873.1](#)
- 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 July 2007 Pre-Installation Note for Oracle E-Business Suite, 17 July 2007, [Metalink Note ID 432882.1](#)
- Prior E-Business Suite Security Alerts, 17 April 2007, [Metalink Note ID 315713.1](#)
- E-Business Suite (Oracle Applications) 11.5.1 through 11.5.6 Desupport Notice, 12 June 2007, [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, [Metalink Note ID 363827.1](#)

HISTORY

July 17, 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 – July 2007.

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