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# Cadence Platform Support Roadmap 2008 - 2011

February 2010





# Compute Platform Support Environment

- Cadence examines the hardware and operating system support environment on an annual basis and develops this general plan
  - Cadence strives to provide customers a 12-18 month forecast of major compute platform support changes
- Not all products are supported on all platform / OS combinations
- The platform support matrices are subject to change

# Consolidated Compute Platform Roadmap For New Base Releases: 2008-2011

Changes from 2007-2010 Matrix

- **2010:**
  - Add RHEL 6 Linux (64-bit) in 4Q
  - Add Windows 7 (32/64)
  - Stay on AIX 5.3 baseline
  - Add AIX 6.1 support in 2H
- **2011:**
  - Baseline shift on Linux, RHEL 4 to RHEL 5
  - EOL of 32-bit Linux kernel support
  - Baseline shift on AIX, 5.3 to 6.1

Supported
  Dropped
  Not Supported

Hardware Architecture	X86				X86				
OS Kernel Addr Space	32-bit				64-bit				
Operating system	Linux				Linux				
OS Vendor/OS Type	Red Hat RHEL		Red Hat RHEL			Novell SUSE SLES			
OS Version	3	4	3	4	5	6	9	10	11
2008									
2009									
2010									
2011									

2010 platforms matrix changes  
 2011 platforms matrix changes

OPTIONAL PLATFORM											
Hardware Architecture	SPARC	X86	PowerPC		X86				X86		
OS Kernel Addr Space	64-bit	64-bit	64-bit		32-bit				64-bit		
Operating System	Solaris	Solaris	AIX		Windows				Windows		
OS Version	10	10	5.3	6.1	XP	Server 2003	Vista	Win 7	Server 2003	Vista	Win 7
2008											
2009											
2010											
2011											

**Note:**  
The "32/64 Bit" entries in these tables refer to the bit-ness of the hardware and OS kernel. The address space of Cadence applications (either 32-bit or 64-bit) is independent of this. Be aware however that a 64-bit kernel is required to run a 64-bit application while a 32-bit application will run on either a 32-bit or 64-bit kernel.

- The Platform Roadmap applies to new BASE releases only
- Update and hot-fix releases follow the Platform Matrix of their corresponding BASE release
- Optional Platforms are supported by a subset of Cadence products

# 2008 Platform Support Plan

- Begin end of life for Solaris 8 and Solaris 9 OS
  - New base releases in 2008 will no longer ship on Solaris 8 or Solaris 9
  - Current active releases on Solaris 8/9 will continue to be supported through the lifecycle of that specific release
- Begin end of life for Linux RHEL 3.0 OS
  - New base releases in 2008 will no longer ship on RHEL 3.0
  - Current active releases on RHEL 3.0 will continue to be supported through the life cycle of that specific release
- Add support for Linux RHEL 5.0 OS on x86\_64 architecture.

H/W Architecture	Operating System	OS Version
SPARC	Solaris	Solaris 10
X86	RedHat Linux	RHEL 4
	Windows	XP
		Server 2003
X86_64	RedHat Linux	RHEL 4
		RHEL 5
	SUSE Linux	SLES 9
		SLES 10
Solaris	Solaris 10	
PowerPC	AIX	AIX 5.3

**NOTE:** x86\_64 denotes 64 bit processors whose instruction sets are compatible with the x86 standard such as Intel Xeon-EM64T, AMD Opteron, etc.

# 2009 Platform Support Plan

- Begin end of life for SUSE SLES 9 OS
  - New base releases in 2009 will no longer ship on SLES 9
  - Current active releases on SLES 9 will continue to be supported through the life cycle of that specific release
- Add support for SUSE SLES 11\*, Windows Server 2003, and Windows Vista OS on x86\_64 architecture.

H/W Architecture	Operating System	OS Version
SPARC	Solaris	Solaris 10
X86	RedHat Linux	RHEL 4.0
	Windows	XP
		Server 2003
		Vista
X86_64	RedHat Linux	RHEL 4
		RHEL 5
	SUSE Linux	SLES 10
		SLES 11 (4Q)
	Solaris	Solaris 10
	Windows	Server 2003
Vista		
PowerPC	AIX	AIX 5.3

**NOTE:** x86\_64 denotes 64 bit processors whose instruction sets are compatible with the x86 standard such as Intel Xeon-EM64T, AMD Opteron, etc.

# 2010 Platform Support Plan

- Add support for RHEL 6 for new base releases in 4Q2010.
  - Subject to RedHat plans to release RHEL 6 by end of 1H2010
- Add support for AIX 6.1 on PowerPC for new base releases in 2010.
  - Baseline OS for AIX remains AIX 5.3
- Add support for Windows 7 (32-bit and 64-bit) on X86 and X86\_64 architectures.

H/W Architecture	Operating System	OS Version
SPARC	Solaris	Solaris 10
X86	RedHat Linux	RHEL 4.0
	Windows	XP
		Server 2003
		Vista
	Windows 7	
X86_64	RedHat Linux	RHEL 4
		RHEL 5
		RHEL 6 (4Q)
	SUSE Linux	SLES 10
		SLES 11
	Solaris	Solaris 10
	Windows	Server 2003
Vista		
Windows 7		
PowerPC	AIX	AIX 5.3
		AIX 6.1 (2H)

**NOTE:** x86\_64 denotes 64 bit processors whose instruction sets are compatible with the x86 standard such as Intel Xeon-EM64T, AMD Opteron, etc.

# 2011 Platform Support Plan

- Begin end of life for RHEL 4
  - New base releases in 2011 will no longer ship on RHEL 4 for X86 and X86\_64
  - Current active releases on RHEL 4 will continue to be supported through the life cycle of that specific release
- Begin end of life for AIX 5.3
  - New base releases in 2011 will no longer ship on AIX 5.3 for PowerPC
  - Current active releases on AIX 5.3 will continue to be supported through the life cycle of that specific release

H/W Architecture	Operating System	OS Version
SPARC	Solaris	Solaris 10
X86	Windows	XP
		Server 2003
		Vista
		Windows 7
X86_64	RedHat Linux	RHEL 5
		RHEL 6
	SUSE Linux	SLES 10
		SLES 11
	Solaris	Solaris 10
	Windows	Server 2003
		Vista
		Windows 7
PowerPC	AIX	AIX 6.1

**NOTE:** x86\_64 denotes 64 bit processors whose instruction sets are compatible with the x86 standard such as Intel Xeon-EM64T, AMD Opteron, etc.



## For more information...

- Platform End-of-Life letters are posted at:
  - Cadence.com  
<http://www.cadence.com/support/computing/Pages/default.aspx>
  - Cadence On-line Support web site  
<http://support.cadence.com> ; Resources->Computing Platforms



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