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Cadence Platform Support Roadmap 2009 - 2012

December 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: 2009-2012

Summary of Changes

- 2011: (no change to decisions made in 2009)
 - EOL of RHEL 4 32-bit for new base releases
 - EOL of RHEL 4 64-bit for new base releases
 - Support for RHEL 6
 - EOL of AIX 5.3 for new base releases
 - Support for AIX 6.1 for new base releases
- 2012:
 - Solaris/X86 to Optional in 2012

Hardware Architecture	X86		X86						
	32-bit		64-bit						
OS Kernel Addr Space	32-bit		RedHat RHEL Linux				Novell SUSE SLES Linux		
Operating System	RedHat RHEL Linux		RedHat RHEL Linux				Novell SUSE SLES Linux		
OS Version	3	4	3	4	5	6	9	10	11
2009	Red	Green	Red	Green	Green	White	Red	Green	Green
2010	Red	Green	Red	Green	Green	White	Red	Green	Green
2011	Red	Red	Red	Red	Green	Green	Red	Green	Green
2012	Red	Red	Red	Red	Green	Green	Red	Green	Green

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.

Hardware Architecture	SPARC	X86	Power		X86				X86				
	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	Server 2008	Vista	Win 7	Server 2003	Server 2008	Vista	Win 7
2009	Green	Yellow	Yellow	White	Blue	Blue	White	Blue	White	Blue	White	Blue	White
2010	Green	Yellow	Yellow	Yellow	Blue	Red	Blue	Blue	Blue	Red	Blue	Blue	Blue
2011	Green	Yellow	Red	Yellow	Blue	Red	Blue	Blue	Blue	Red	Blue	Blue	Blue
2012	Green	Blue	Red	Yellow	Blue	Red	Blue	Blue	Blue	Red	Blue	Blue	Blue

- Green: Supported
- Blue: Optional
- Red: Dropped
- White: Not Supported
- Yellow: Contractual

- 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

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		
Power	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.

*** Optional Platform:**

A subset of Cadence products is supported on these compute platforms. Support is driven by customer demand.

2010 Platform Support Plan

- Add support for AIX 6.1 on Power for new base releases in 2H2010
 - Baseline OS for AIX remains AIX 5.3
- Add support for Windows 7 (32-bit and 64-bit) on X86 and X86_64 architectures
- Switch from Windows 2003 to Windows 2008 (32-bit and 64-bit)

H/W Architecture	Operating System	OS Version
SPARC	Solaris	Solaris 10
X86	RedHat Linux	RHEL 4.0
	Windows*	XP
		Server 2008
		Vista
		Windows 7
X86_64	RedHat Linux	RHEL 4
		RHEL 5
	SUSE Linux	SLES 10
		SLES 11
	Solaris	Solaris 10
	Windows*	Server 2008
		Vista
Windows 7		
Power	AIX	AIX 5.3
		AIX 6.1 (2H)

* Optional Platform:
A subset of Cadence products is supported on these compute platforms. Support is driven by customer demand.

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

- Add support for RHEL 6 for new base releases in 2011
 - Subject to RedHat plans to release RHEL 6 by end of 2010
 - Support for RHEL 6 in 2011 may be extended to updates to 2010 base releases depending upon customer demand
- 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 Power
 - 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 2008
		Vista
		Windows 7
X86_64	RedHat Linux	RHEL 5
		RHEL 6
	SUSE Linux	SLES 10
		SLES 11
	Solaris	Solaris 10
	Windows*	Server 2008
		Vista
		Windows 7
Power	AIX	AIX 6.1

* Optional Platform:
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NOTE: x86_64 denotes 64 bit processors whose instruction sets are compatible with the x86 standard such as Intel Xeon-EM64T, AMD Opteron, etc.

2012 Platform Support Plan

- Solaris X86 to Optional Support
 - Support for the Solaris 10 OS on X86-64 hardware moves from contractual to optional
 - New product support as well as continued product support on Solaris X86 will be driven by customer demand

H/W Architecture	Operating System	OS Version
SPARC	Solaris	Solaris 10
X86	Windows*	XP
		Server 2008
		Vista
		Windows 7
X86_64	RedHat Linux	RHEL 5
		RHEL 6
	SUSE Linux	SLES 10
		SLES 11
	Solaris*	Solaris 10
	Windows*	Server 2008
		Vista
		Windows 7
Power	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.

* Optional Platform:
A subset of Cadence products is supported on these compute platforms. Support is driven by customer demand.



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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