

**Information Technology Standards
Commonwealth of Pennsylvania
Governor's Office of Administration/Office for Information Technology**

STD Number:	STD -PLT005A	
STD Title:	Intel Based Server Operating System Standards	
Issued by:	Deputy Secretary for Information Technology	
Date Issued:	January 6, 2006	Date Revised: December 20, 2010
Domain:	Platform	
Discipline:	Server Technology	
Technology Area:	Server Operating Systems	
Referenced by:	ITP-PLT005	
Revision History Date:	Description:	
07/16/2009	Added Windows 2008 to Current Standards and removed it from Emerging Standards; refreshed document	
2/24/2010	Updated Windows Current Standard to Windows 2008 R2.	
12/20/2010	ITP Refresh	

CURRENT STANDARDS

These technologies meet the requirements of the current architecture and are recommended for use.

Software	Server Platforms	Technology Classification
Windows 2003 R2 /2008 R2 (Standard, Enterprise, & Datacenter editions)	Compatible IBM Series (x86 and x64)	Current
Red Hat Enterprise Linux 4 (AS)	x86, AMD64, Intel EM64T, Intel Itanium, IBM Power, IBM S/390, IBM zSeries*	Current
Red Hat Enterprise Linux 4 (ES)	x86, AMD64, Intel EM64T, Intel Itanium, IBM Power	Current
Red Hat Application Server	x86, Intel Itanium, IBM Power	Current
SUSE LINUX Enterprise Server 9 for x86	x86/IA-32	Current
SUSE LINUX Enterprise Server 9 for AMD64 & Intel EM64T	AMD64 & Intel EM64T	Current
SUSE LINUX Enterprise Server 9 for Intel Itanium Processor Family	Itanium/IA64	Current
SUSE LINUX Enterprise Server 9 for IBM POWER	IBM POWER PPC32 and PPC64	Current
SUSE LINUX Enterprise Server 9 for IBM S/390	IBM S/390*	Current
SUSE LINUX Enterprise Server 9 for IBM zSeries	IBM zSeries*	Current

* **NOTE:** All products are to be patched with service packs within six months of the release date in accordance with ITP PLT002 Desktop and Server Software Patching Policy.

The supported mainframes listed under "Server Platforms" only apply to Enterprise Linux Server distributions running as a virtual machine (VM) or guest operating system (OS). Linux is not endorsed to be utilized as a host OS for a mainframe.

CONTAINED

These technologies no longer meet the requirements of the current architecture and are not recommended for use. They will be phased out over time. No date has been set for their discontinuance.

Software	Server Platforms	Technology Classification
Red Hat Enterprise Linux 3	All	Contained
SUSE Linux Enterprise Server 8	All	Contained
Mandrake Corporate Server 2	All	Contained
Conectiva Linux Enterprise Edition	All	Contained
Turbo Linux Server 8	All	Contained
Slackware 10	All	Contained

RETIRED

These technologies are being phased out. Servers running these OSs are NOT to be on the Commonwealth MAN. If any still remain, plans are to be immediately developed and carried out for their replacement, especially if there is risk involved, such as lack of vendor support. A date for retirement has been set.

Software	Server Platforms	Technology Classification
Windows 2000 Server SP4 (all editions)	All	Retired as of 7/13/2010
Windows NT	All	Retired as of 12/31/04
Pre Red Hat Linux 3 versions	All	Retired as of 12/31/05
Previous SUSE Linux Enterprise Server 8 versions	All	Retired as of 12/31/05
All versions of distributions not mentioned above.	All	Retired as of 12/31/05

EMERGING TECHNOLOGIES

Emerging technologies have the potential to become current standards. At the present time, they are to be used only in pilot or test environments where they can be evaluated. Use of these technologies is restricted to a limited production mode, and requires approval of a waiver request.

Software	Platforms	Technology Classification
Windows 2008 R2 SP1	--	Research