

NetBackup PureDisk™ Version 6.2 Software Compatibility Matrix

Document components:

- PureDisk Server Node OS support
- File backup client OS support
- Application agent support
- System state and services support
- LDAP/AD authentication compatibility

PureDisk Server Nodes OS Support

PureDisk is only supported on PureDisk Operating System (PDOS). PDOS is delivered as a separate CD in the PureDisk media kit. PDOS is based on SUSE Linux Enterprise Server 10 for AMD64 and Intel EM64T. No modifications to the kernel or drivers have been made to maintain full compatibility. PDOS only contains the SLES 10 components that are required to run the PureDisk application software.

The PureDisk application software is modular software. You can install all of the components on a single server, what is referred to as an all-in-one configuration. For larger configurations you will need to install multiple servers with PDOS and PureDisk component software to build a PureDisk storage pool. These servers are PureDisk nodes. The PureDisk getting started guide gives information regarding the scalability requirements of PureDisk nodes.

To run PDOS and PureDisk application software, the PureDisk node hardware must have 64 bit processors, capable of running SUSE Linux Enterprise Server 10 for AMD64 and Intel EM64T.

Each server must be connected to internal and/or external disk storage. The storage can consist of any of the following:

- Direct-attached storage (DAS) over SATA, serial-attached SCSI (SAS), or SCSI.
- A storage area network (SAN) over fibre channel or iSCSI.
- Network-attached storage (NAS) over fibre channel or iSCSI. PureDisk does not support NFS or CIFS for storage connections.

Use a storage controller, RAID controller or host bus adaptor (HBA) that is compatible with SUSE Linux Enterprise Server 10 for AMD64 and Intel EM64T.

If you are using hardware components that SUSE Linux Enterprise Server for AMD64 and Intel EM64T does not support by default, obtain the necessary driver from your hardware vendor.

For information on SUSE Linux Enterprise Server for AMD64 and Intel EM64T compatibility, see the following Web site:

<http://www.novell.com/partnerguide/section/481.html>

File backup client OS Support

The table below lists the client Operating Systems and platforms compatible with NetBackup PureDisk™ Client Agents.

Processor	Operating System	OS Version	Patch level	PureDisk Client Agent	Notes
MICROSOFT					
X86	Windows 2000	Server Edition	SP4	pdagent- Windows_x86- 6.2.0.x.exe	
	Windows Server 2003	Standard, Enterprise, Datacenter	SP1/SP2		
	Windows Server 2003 R2	Standard, Enterprise, Datacenter	SP1/SP2		
	Windows Small Business Server 2003	Premium	SBS SP1		
	Windows Small Business Server 2003 R2				
	Windows 2000	Professional Edition	SP4		
	Windows XP	Professional	SP2		
X86-64	Windows Server 2003 x64 Edition	Standard, Enterprise, Datacenter	SP2	pdagent- Windows_x86-64- 6.2.0.x.exe	1
	Windows Server 2003 R2 x64 Edition	Standard, Enterprise, Datacenter			1
	Windows XP x64 Edition	Professional	SP2		1
LINUX					
X86	Red Hat Enterprise Linux ES/AS	3.0 Intel x86	Update 6,8	pdagent- Linux_2.6_x86- 6.2.0.x.run	
		4.0 Intel x86	Update 2,4		
	Red Hat Enterprise Linux WS	3.0 Intel x86	Update 8		
		4.0 Intel x86	Update 4		
	SUSE Linux Enterprise Server	SLES 9 for x86	SP2,3		
		SLES10 for x86	-		
	SUSE Linux Desktop	9.2	SP2		
SUSE Linux Desktop	10	-			
X86-64	Red Hat Enterprise Linux ES/AS	3.0 Intel x64	Update 8		2
		4.0 Intel x64	Update 4		2
	SUSE Linux Enterprise Server	SLES9 for x64	SP2,3		2
		SLES10 for x64	-		2
Novell					
X86	Novell Linux Open Enterprise Server (OES)	-	Update 1 Update 2	pdagent- Linux_2.6_x86- 6.2.0.x.run	3
Sun					
Sun Sparc	Solaris	Solaris 8		pdagent- Solaris_8_sparc- 6.2.0.x.run	2, 6
		Solaris 9		pdagent- Solaris_9_sparc- 6.2.0.x.run	2
		Solaris 10		pdagent- Solaris_10_sparc- 6.2.0.x.run	2
IBM					

Processor	Operating System	OS Version	Patch level	PureDisk Client Agent	Notes
Power 3, 4, 5	IBM AIX	AIX 5.3	ML 3,4,5	pdagent-	
		AIX 5.3 X64	ML 3	AIX_5.2_powerpc-	2
		AIX 5.2	ML 7	6.2.0.x.run	
HP					
PA-RISC	HP UX	HP UX 11.23		pdagent- HPUX_11.23_parisc-	2
IA-64	HP UX	HP UX B. 11.23 IA64		pdagent- HPUX_11.23_parisc-	2
				6.2.0.x.run	
VM Ware					
X86	VMware ESX Server	3.0		Install supported guest operating system agent in the VM guest OS	4, 5

NOTES:

- 1) 64 bit platform with 64 bit VSS require the 64 bit agent binary
- 2) 32 bit agent works on 64 bit platform
- 3) File backup only, no NDS attribute support.
- 4) PureDisk agents can be installed in supported guest Operating Systems. Installing a PureDisk agent in the ESX host OS is not supported.
- 5) NetBackup PureDisk Client Agents are supported when operated in a VMware virtual machine guest operating system environment with the following limitations:
 - If a customer issue is determined to not be related to NetBackup, Symantec will refer the customer to the appropriate support vendor for the operating system or application.
 - VMware support is limited to guest operating systems supported by NetBackup PureDisk client agents only; PureDisk server nodes are not supported
- 6) The Solaris 8 clients require Solaris SPARC patch 112438. Without this patch, the PureDisk client agent installation fails. For information about this patch, contact Sun Microsystems.
- 7) PureDisk's ability to back up 32-bit Microsoft SQL databases on 64-bit hardware requires you to install the 64-bit version of sqlvid.dll. You can obtain this library from the following Web site:<http://support.microsoft.com/?kbid=913100>

Application agent support

Processor	Operating System	OS Version	Patch level	Application Version	Application Patch level	PureDisk Agents	Notes
X86	Windows Server 2003	Standard, Enterprise, Datacenter	SP1/SP2	Exchange Server 2003	SP2	pdagent-Windows_x86-6.2.0.x.exe	
	Windows Server 2003 R2	Standard, Enterprise, Datacenter	SP1/SP2	Exchange Server 2003	SP2		
	Windows Server 2003	Standard, Enterprise, Datacenter	SP1/SP2	MS SQL Server 2005	SP2		
	Windows Server 2003 R2	Standard, Enterprise, Datacenter	SP1/SP2	MS SQL Server 2005	SP2		
	Windows Server 2003	Standard, Enterprise, Datacenter	SP1/SP2	MS SQL Server 2000	SP4		
	Windows Server 2003 R2	Standard, Enterprise, Datacenter	SP1/SP2	MS SQL Server 2000	SP4		

Processor	Operating System	OS Version	Patch level	Application Version	Application Patch level	PureDisk Agents	Notes
X86	Windows Server 2003	Standard, Enterprise, Datacenter	SP1/SP2	MS SQL Server 2005	SP2	pdagent-Windows_x86-64-6.2.0.x.exe	1
	Windows Server 2003 R2	Standard, Enterprise, Datacenter	SP1/SP2	MS SQL Server 2005	SP2		1
	Windows Server 2003	Standard, Enterprise, Datacenter	SP1/SP2	MS SQL Server 2000	SP4		1
	Windows Server 2003 R2	Standard, Enterprise, Datacenter	SP1/SP2	MS SQL Server 2000	SP4		1

NOTES:

- 1) PureDisk's ability to back up 32-bit Microsoft SQL databases on 64-bit hardware requires you to install the 64-bit version of sqlvid.dll. You can obtain this library from the following Web site:<http://support.microsoft.com/?kbid=913100>

System state and services backup support

Processor	Operating System	OS Version	Patch level	PureDisk Client Agent	Notes
MICROSOFT					
X86	Windows Server 2003	Standard, Enterprise, Datacenter	SP1/SP2	6.0	
	Windows Server 2003 R2	Standard, Enterprise, Datacenter	SP1/SP2	6.0	
	Windows Small Business Server 2003		SBS SP1		
	Windows Small Business Server 2003 R2				
X86-64	Windows Server 2003 x64 Edition	Standard, Enterprise, Datacenter	SP2	6.0 MP1	1
	Windows Server 2003 R2 x64 Edition	Standard, Enterprise, Datacenter	SP2	6.0 MP1	1

LDAP/AD authentication compatibility

Directory Server	Patch level	Notes
Windows Server 2003 Active Directory	SP1	
Open LDAP 2.3	2.3.27	

Support Definitions

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Supported Configurations

For more information including technical notes regarding currently SYMANTEC-supported configurations (such as operating system/levels, firmware levels, databases, devices, device drivers, applications, etc.), please refer to our website <http://support.veritas.com>. Please note that while SYMANTEC makes reasonable efforts to keep this information updated, we cannot assure that this information will be in all cases complete or the most current.

Third Party Products

Where your Problem may be related to product(s) from a third party vendor with whom we have a cooperative or collaborative relationship on such product(s), then SYMANTEC may work with that vendor towards resolving your reported Problem. Where SYMANTEC does not have such a support relationship in place with the third party vendor, or where the vendor ceases to support such product(s), then our ability to support SYMANTEC Licensed Software operating with such vendor's product(s) may be limited, affected, or prevented (and such third party product(s) may cease to be part of SYMANTEC-supported configuration(s)).

Virtual Machines

NetBackup PureDisk Client Agents are supported when operated in a VMware virtual machine guest operating system environment with the following limitations:

- If a customer issue is determined to not be related to NetBackup, Symantec will refer the customer to the appropriate support vendor for the operating system or application.
- VMware support is limited to guest operating systems supported by NetBackup PureDisk client agents only; PureDisk server nodes are not supported