

Backup Exec 2010 Software Compatibility List (SCL)

Created on January 29, 2010

Introduction

Listed below are the available operating systems, platforms and applications specifically tested by Symantec to be compatible with all versions of Backup Exec™ 2010.

For information specific to Backup Exec Continuous Protection Server, please see: <http://support.symantec.com/docs/285788>

The following guidelines regarding this Software Compatibility List (SCL) should be understood:

1. Symantec support of 3rd party manufacturer products

Symantec will cooperate with 3rd party vendors, and attempt to assist in the diagnosis of problems found between the 3rd party and Symantec products. Symantec Technical Support on the combination of Symantec and 3rd party products listed in this document is conditional on the 3rd party product being supported by the original manufacturer or vendor. If the original vendor has ceased providing support for a version of their product, Symantec also will no longer be able to provide support on that product in combination with our products.

2. Minor dot(.)version support: The contents of this document including 3rd party applications, databases, operating systems, in combination with Symantec products represent what has been tested in Symantec labs, or in Symantec-supervised partner labs, but is not intended to be a complete list of supported products and versions. Manufacturers of these products may frequently release minor version updates to their products as maintenance during their product's normal life cycle. (e.g. version 1.x.x.x) that may not be explicitly listed in this document. In these situations where the base or major version of the product is listed as supported in this document but the minor maintenance update is not, Symantec will provide "reasonable effort" support on these versions until specific testing of them has completed.

3. Not every combination of software and hardware is tested. Symantec provides reasonable efforts to qualify Backup Exec with as many different operating systems, service packs, hardware platforms, database application service packs, and other applications as possible. However, due to the number of combinations, it is not possible to test all combinations for compatibility. If a particular service pack or version is not listed as specifically tested by Symantec, it may work fine, but has not been explicitly tested by Symantec with Backup Exec.

4. To request additions to this list: If a particular platform is not currently listed as being supported, a request for additions to this list can be made through the Symantec Product Enhancement Web site: <http://enhancement.symantec.com>

5. The Backup Exec 2010 Remote Agent for Windows Systems and NetWare Servers is strongly recommended for use with Backup Exec 2010; the Backup Exec 12.5 remote agent (with latest service pack) is also compatible for the purpose of rolling upgrades with the exception of any caveats listed in the notes. The Backup Exec 12.5 Remote Agent for Windows is supported but not recommended for use with Backup Exec 2010. Please see <http://entsupport.symantec.com/docs/277323> for caveats when in a CASO environment.

6. The Remote Administrator can be installed on any operating system listed in the "Media Server Operating System Compatibility" section.

Newly-Supported Software

The following new sections have been added to this (BE 2010) SCL **since the last time it was created**. The creation date is listed on the first page of this document. See the feature in its respective section, via bookmarks, for more details.

New additions to Backup Exec 2010

Support for Pure Disk De-Duplication Engine (PDDE)

Support for Windows 2008 R2 in Media Server Operating System Compatibility Support

Support for Windows 7 in Agents for Windows Systems Section

Support for Exchange 2010 in Database Agents Compatibility Section

Support for Lotus/Domino Notes 8.5 in Database Agents Compatibility Section

Hyper-V 2008 R2 with Clustered Shared Volume Support

VMware vSphere 4 vStorage API for Data Protection

Enterprise Vault Migrator Support

Support for Enterprise Vault 8

What's new in Backup Exec 2010? This release of Backup Exec includes the following new features and capabilities, some of which are identified in the SCL:

Deduplication Option

Provides the following features to support a data reduction strategy:

- > Reduces the amount of disk storage that is required for backups by storing only unique data.
- > Reduces backup network usage by sending only unique data across the network.
- > Works with an embedded deduplication engine, called the Backup Exec Deduplication Option.
- > Works with OpenStorage devices, including Symantec PureDisk and devices from ExaGrid, and Quantum.

Backup Exec 2010 Archiving Options

> Backup Exec 2010 Exchange Mailbox Archiving Option

> Backup Exec 2010 File Server Archiving Option

Backup Exec 2010 Archive Options provides storage management for Microsoft Exchange Mailboxes or Windows File Servers by archiving data - that is, moving data from expensive primary storage to cheaper tertiary storage based on size and/or age criteria.

- > Reduce usage of expensive Exchange or File Server Primary Storage
- > Keep older, infrequently accessed items on cheaper disk storage
- > Manage data lifecycles with automated Archive rules
- > Allows end users to do self-service recoveries of Archived items

Backup Exec Agent for VMWare

Integrated backup and deduplication support for both online and offline VMware ESX 3.5 Update 2 and vSphere 4.0 - plus new first-to-market virtual application protection for Microsoft Exchange, SQL, and Active Directory.

- > Protect the Latest VMware vSphere Environments
- > First-to-Market Granular Recovery for Applications
- > Rapid Exchange and Active Directory backup and recovery

Backup Exec 2010 Agent for Hyper-V

Integrated backup and deduplication support for both online and offline Microsoft Hyper-V 2008 and Hyper-V 2008 R2 environments - plus new first-to-market virtual application protection for Microsoft Exchange, SQL, and Active Directory.

- > Protect the Latest Hyper V and Hyper V 2008 R2 Environments
- > First-to-Market Granular Recovery for Applications
- > Rapid Exchange and Active Directory backup and recovery

Support for Windows 2008 R2, Windows 7, Exchange 2010

Comprehensive protection for the latest Windows desktop, email and server environments including Server 2008 R2, Windows 7, and Exchange 2010.

> Backup the latest Windows desktop, server and email application environments with ease.

New VTL-based functionality in Backup Exec 2010

New VTL show each VTL storage environment as a unique devices and shows only functions that are valid for VTLs. VTL media can also be modified to erase data that has reached its expiration data to reclaim storage space for more crucial data. Synthetic Backups, available with the Advanced Disk-Based Backup Option (ADBO) are also now possible to VTL devices.

> Treat Disk as disk - enable features that better leverage the underlying disk capabilities of VTLs

> Enables better space reclamation with VTL devices

Backup Exec 2010 VTL Unlimited Drive Option

Backup Exec introduces a new VTL Unlimited Drive Option with provides unlimited Library Expansion Options per VTL device.

> Allows unlimited drive configuration for VTLs

> Easily meet your recovery point objectives for Exchange with unmatched backup technology

Agent for Enterprise Vault

Automated backup and recovery of Enterprise Vault 8 infrastructures with the ability to configure a single job to protect the entire EV infrastructure. The Agent for Enterprise Vault now includes Migration capabilities, allowing Enterprise Vault to migrate Archived data to Backup Exec tape or disk storage.

> Simple and flexible backup protection for some or all of an Enterprise Vault infrastructure

> Recover all aspects of the Enterprise Vault infrastructure, from entire installations to individual index files

> New Migration capability for migrating Enterprise Vault data to tape or a B2D folder for long-term retention.

> Automatically recover data that has been migrated to tape

Certifications

The following certifications have been validated with Backup Exec.

Microsoft Platform Certifications

Certification Name	Start of Support
Certified for Windows Server 2008 R2 (Hyper V)	12.5
Certified for Windows Server 2008 (Hyper V)	12.0
Certified for Windows Server 2003 Standard Edition	11d
Certified for Windows Server 2003 Enterprise Edition	11d
Certified for Windows Server 2003 Data Center Edition	11d
Certified for Windows Server 2003 x64 Edition	11d

Standards and Applications Certifications

Certification Name	Start of Support
SAP NetWeaver	11d
FIPS 140-2	12.5
Federal Desktop Core Configuration (Vista)	12.0
Federal Desktop Core Configuration (XP)	12.0
VMware Ready Data Protection	12.5

Contents

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<u>Symantec Backup Exec 2010 Continuous Protection Server</u>	<u>Backup Exec Infrastructure Manager Server Supportability</u>	<u>Backup Exec Archiving Option</u>
<u>Support End-of-Life (EOL)</u>		

Virtual Agents

Agent for Microsoft Hyper-V Compatibility

Note: Microsoft Windows 2008 with Hyper-V and Windows 2008 R2 with Hyper-V provide the following cluster support:

1. Clustered("HA")Guest Virtual Machines are protected.
2. Non-Clustered Guest Virtual Machines are protected.
3. Mixture of Clustered and Non-Clustered Guest Virtual Machines are protected.
4. Windows 2008 Hyper-V R2 Clustered Shared Volumes (CSV's) are protected.
5. Windows 2008 Hyper-V R2 LiveMigration of Virtual Machines between Clustered Shared Volumes is supported.
6. Clustered Hyper-V Host Server are protected.

Clustered (HA) Guest Virtual Machines restored to their original locations will automatically be restored with their clustered (HA) configuration intact. Clustered (HA) Guest Virtual Machines that are redirected to an alternate location for restore will need to be re-configured via the Microsoft Cluster Configuration Wizard as a Clustered (HA) Guest Virtual Machine.

Note: The Backup Exec 2010 Agent for Hyper-V does not support Exchange 2007 LCR, CCR or SCC and Database Availability Groups (DAG's) for Exchange 2010 due to the distributed nature of these applications beyond a single Guest virtual machine. To protect these applications when they are distributed across multiple Guest Virtual Machines, please use the Backup Exec Agent for Microsoft Exchange inside of each of the Guest Virtual Machines to protect them.

Note: Application Granular Recovery Technology (GRT) of Microsoft Exchange, Active Directory, and Microsoft SQL databases is supported from a single-pass backup of the Guest Virtual Machine with the Backup Exec 2010 Agent for Hyper-V. This allows for granular application data restore from a backup of the entire Guest Virtual Machine with the following requirements:

1. Application GRT from a Guest Virtual Machine only supports the following applications- Microsoft SQL, Microsoft Exchange, and Active Directory.
2. A Backup Exec Agent for Exchange, SQL, and Active Directory must be purchased for each Guest Virtual Machine that you wish to use Application Granular Recovery with. The license keys for these Agents are installed on the Backup Exec media server.
3. A Backup Exec Remote Agent for Windows must be installed inside of each Guest Virtual Machine for Application GRT. The Agent is not used directly for backup and is only used to collect a small amount of application metadata during the backup.
4. The Guest Virtual Machine must be online and running.
5. The Backup Exec media server must have the correct Logon Account configured for access to the Guest Virtual Machine hosting the application.
6. Application GRT does not support application files that reside on a remote drive outside of the Virtual Machine. Please see the following section of this document for Hyper-V Disk Configuration Compatibility.
7. Application GRT does not support applications distributed over several servers such as Exchange 2007 LCR, CCR, SCR and Exchange 2010 Database Availability Groups (DAGs). The entire application must be installed onto a single server. To protect these applications when they are distributed across multiple Guest Virtual Machines, please use the Backup Exec Agent for Microsoft Exchange inside of each of the Guest Virtual Machines to protect them.

Microsoft

Name	Version	Service Pack	CPU Architecture
Hyper-V Server	2008		x86-64bit
Hyper-V Server	2008	R2	x86-64bit
Hyper-V Server	2008	SP2	x86-64bit
Windows Server 2008 [1]	Core with Hyper-V		x86-64bit
Windows Server 2008	Core with Hyper-V	R2	x86-64bit
Windows Server 2008	Core with Hyper-V	SP2	x86-64bit
Windows Server 2008 [1]	Datacenter Edition with Hyper-V		x86-64bit
Windows Server 2008	Datacenter Edition with Hyper-V	R2	x86-64bit
Windows Server 2008	Datacenter Edition with Hyper-V	SP2	x86-64bit
Windows Server 2008 [1]	Enterprise Edition with Hyper-V		x86-64bit
Windows Server 2008	Enterprise Edition with Hyper-V	R2	x86-64bit
Windows Server 2008	Enterprise Edition with Hyper-V	SP2	x86-64bit
Windows Server 2008 [1]	Standard Edition with Hyper-V		x86-64bit
Windows Server 2008	Standard Edition with Hyper-V	R2	x86-64bit
Windows Server 2008	Standard Edition with Hyper-V	SP2	x86-64bit

1. Please refer to the following link for a list of all supported Guest OS's <http://www.microsoft.com/windowsserver2008/en/us/hyperv-supported-guest-os.aspx> >

Hyper-V Storage Configuration Compatibility

Configuration	MSVS	Hyper-V	Notes
VHD contains a Dynamic disk on the Guest with non-GRT Backup	Supported-Guest not taken offline	Supported-Guest is taken offline for snapshot	
VHD contains a Dynamic disk on the Guest with GRT Backup	Not Supported	Not Supported	
GRT Application support within the Guest	Not Supported	Supported	
GPT	Not supported	Not supported	[1]
Basic MBR	supported	supported	[2]
Dynamic MBR	Not supported	Not supported	[2]
VHDs reside on Direct Attached Storage (DAS) attached to the Host	Supported	Supported	[3]
VHDs reside on Removable Direct Attached Storage (RDAS) attached to the Host	Supported	Supported	[4]
VHDs reside on Network Attached Storage (NAS) attached to the Host	Not Supported	Not Supported	[5]
VHDs reside on Storage Area Network (SAN) attached to the Host	Supported	Supported	[6]
Physical (PassThrough) DAS or SAN on the Host directly attached to Guest	N/A	Not Supported	
Physical (PassThrough) RDAS on the Host directly attached to Guest	N/A	Not Supported	
Guest Disk attached via NAS/Remote Share	N/A	N/A	
Guest Disk attached via SAN (iSCSI Initiator)	Not Supported	Not Supported	

1. GPT = GUID Partition Table

2. MBR = Master Boot Record

3. DAS = Direct Attached Storage (IDE, ATA/SATA, SCSI, SAS)

4. RDAS = Removable Direct Attached Storage (USB, Firewire)

5. NAS = Network Attached Storage (CIFS, SMB, NFS)

6. SAN = Storage Area Network (iSCSI Initiator, iSCSI Target, Fiber Channel)

File System Compatibility

OS Conditions	Result	Notes
Mount Point (named and un-named)	Supported	
Encrypted	Supported	
Sym links	Supported	
Hardlinks	Supported	
Clustered data	Supported	

Agent for VMware Compatibility

Note: For the supported Guest OS VMware Compatibility Guide please go to <http://www.vmware.com/resources/compatibility/search>

Note: Backup Exec 2010 Agent for VMware now fully incorporates the VMware vStorage API's for Data Protection. VMware's Consolidated Backup (VCB) infrastructure is no longer required to be used or installed for backups of ESX Update 2 and later. However, to restore Backup Exec 12.5 backups, VCB 1.5 is required to be installed in order to restore older backup sets created with VCB.

Note: Fault Tolerant Guest Virtual Machines cannot currently be protected while in a Fault Tolerant configuration. This is due to the inability to snapshot a Fault Tolerant virtual machine and is a current limitation of VMware.

Note: All free versions of ESXi (3.5i and 4i) require a minimum license from VMware in order to be protected by Backup Exec. This is due to the lack of vStorage API for Data Protection support in the free unlicensed versions of ESXi and is a current limitation of VMware.

Note: Application Granular Recovery Technology (GRT) of Microsoft Exchange, Active Directory, and Microsoft SQL databases is supported from a single-pass backup of the Guest Virtual Machine with the Backup Exec 2010 Agent for VMware. This allows for granular application data restore from a backup of the entire Guest Virtual Machine with the following requirements:

1. Application GRT from a Guest Virtual Machine only supports the following applications- Microsoft SQL, Microsoft Exchange, and Active Directory.
2. A Backup Exec Agent for Exchange, SQL, and Active Directory must be purchased for each Guest Virtual Machine that you wish to use Application Granular Recovery with. The license keys for these Agents are installed on the Backup Exec media server.
3. A Backup Exec Remote Agent for Windows must be installed inside of each Guest Virtual Machine for Application GRT. The Agent is not used directly for backup and is only used to collect a small amount of application metadata during the backup.
4. The Guest Virtual Machine must be online and running.
5. The Backup Exec media server must have the correct Logon Account configured for access to the Guest Virtual Machine hosting the application.
6. Application GRT does not support application files that reside on a remote drive outside of the Virtual Machine. Please see the following section of this document for VMware Storage Configuration Compatibility.
7. Application GRT does not support applications distributed over several servers such as Exchange 2007 LCR, CCR, SCR and Exchange 2010 Database Availability Groups (DAGs). The entire application must be installed onto a single server. To protect these applications when they are distributed across multiple Guest Virtual

Machines, please use the Backup Exec Agent for Microsoft Exchange inside of each of the Guest Virtual Machines to protect them.

VMware

Name	Version	Service Pack	CPU Architecture
ESX	3.5	Update 2	x86-32bit
ESX	3.5	Update 3	x86-32bit
ESX	3.5	Update 4	x86-32bit
ESX	3.5	Update 5	x86-32bit
ESXi	3.5	Update 2	x86-32bit
ESXi	3.5	Update 3	x86-32bit
ESXi	3.5	Update 4	x86-32bit
ESXi	3.5	Update 5	x86-32bit
vSphere	4.0		x86-32bit
vSphere	4.0	Update 1	x86-32bit
vSphere	4i		x86-32bit
vSphere	4i	Update 1	x86-32bit

VMware Converter and Virtual Center Compatibility

Product Name	Qualified Version	Service Pack	OS Platform	Notes
VMware Converter	4.0		VMware vSphere 4.0	[1]
VMware Virtual Center	4.0	Update 4	VMware ESX 3.5 update 4.0	[1]
VMware Virtual Center	4.0	Update 4	VMware ESXi 3.5 update 4.0	[1]
vCenter	4.0		vSphere 4.0	[1]
vCenter	4.0		vSphere 4i	[1]
VMware Virtual Center	2.5		VMware ESX 3.5	

VMware Converter and Virtual Center Compatibility

Product Name	Qualified Version	Service Pack	OS Platform	Notes
VMware Virtual Center	2.5		VMware ESXi 3.5	

1. Converter is used for Legacy restore sets only.

VMware Storage Configuration Compatibility

Configuration	ESX 3.5 U2 and later (vStorage API)	vSphere 4.0 and later (vStorage API)	Notes
Direct Attached Storage (DAS)	Supported	Supported	
Fibre Channel SAN	Supported	Supported	
iSCSI SAN	Supported	Supported	
NFS	Supported	Supported	
LAN Backups (NBD/NBDSSL)	Supported	Supported	
RDM-Virtual Compatibility Mode	Supported	Supported	
RDM-Physical Compatibility Mode Independent Disks	Not Supported	Not Supported	
Thin Provisioned Disks	Not Supported	Supported	
Changed Block Tracking for Incremental/Differential Backup	Not Supported	Supported	

Media Servers

Media Server Operating System Compatibility

Note: Backup Exec database agents are supported on the Microsoft Windows OS platforms that the database manufacturers themselves support.

Note: Anything backed up using the Intelligent Image Option can no longer be restored using Backup Exec 2010

Microsoft

Name	Version	Service Pack	CPU Architecture
Windows Essential Business Server 2008	Premium		x86-64bit
Windows Essential Business Server 2008	Standard		x86-64bit
Windows Server 2003 [1]	Datacenter Edition	R2	x86-32bit
Windows Server 2003	Datacenter Edition	R2-SP2	x86-32bit
Windows Server 2003 [1]	Datacenter Edition	SP1	x86-32bit
Windows Server 2003	Datacenter Edition	SP2	x86-32bit
Windows Server 2003 [1]	Datacenter Edition (x64)	R2	x86-64bit
Windows Server 2003	Datacenter Edition (x64)	R2-SP2	x86-64bit
Windows Server 2003 [1]	Datacenter Edition (x64)	SP1	x86-64bit
Windows Server 2003	Datacenter Edition (x64)	SP2	x86-64bit
Windows Server 2003 [1]	Enterprise Edition	R2	x86-32bit
Windows Server 2003	Enterprise Edition	R2-SP2	x86-32bit
Windows Server 2003 [1]	Enterprise Edition	SP1	x86-32bit
Windows Server 2003	Enterprise Edition	SP2	x86-32bit
Windows Server 2003 [1]	Enterprise Edition (x64)	R2	x86-64bit
Windows Server 2003	Enterprise Edition (x64)	R2-SP2	x86-64bit
Windows Server 2003 [1]	Enterprise Edition (x64)	SP1	x86-64bit
Windows Server 2003	Enterprise Edition (x64)	SP2	x86-64bit

Microsoft

Name	Version	Service Pack	CPU Architecture
Windows Server 2003 [1]	Standard Edition	R2	x86-32bit
Windows Server 2003	Standard Edition	R2-SP2	x86-32bit
Windows Server 2003 [1]	Standard Edition	SP1	x86-32bit
Windows Server 2003	Standard Edition	SP2	x86-32bit
Windows Server 2003 [1]	Standard Edition (x64)	R2	x86-64bit
Windows Server 2003	Standard Edition (x64)	R2-SP2	x86-64bit
Windows Server 2003 [1]	Standard Edition (x64)	SP1	x86-64bit
Windows Server 2003	Standard Edition (x64)	SP2	x86-64bit
Windows Server 2003 [1]	Storage Server	R2	x86-32bit
Windows Server 2003	Storage Server	R2-SP2	x86-32bit
Windows Server 2003 [1]	Storage Server	SP1	x86-32bit
Windows Server 2003	Storage Server	SP2	x86-32bit
Windows Server 2003 [1]	Storage Server (x64)	R2	x86-64bit
Windows Server 2003	Storage Server (x64)	R2-SP2	x86-64bit
Windows Server 2003 [1]	Storage Server (x64)	SP1	x86-64bit
Windows Server 2003	Storage Server (x64)	SP2	x86-64bit
Windows Server 2003 [1]	Web Edition	R2	x86-32bit
Windows Server 2003	Web Edition	R2-SP2	x86-32bit
Windows Server 2003 [1]	Web Edition	SP1	x86-32bit
Windows Server 2003	Web Edition	SP2	x86-32bit
Windows Server 2003 [1]	Web Edition (x64)	R2	x86-64bit
Windows Server 2003	Web Edition (x64)	R2-SP2	x86-64bit
Windows Server 2003 [1]	Web Edition (x64)	SP1	x86-64bit
Windows Server 2003	Web Edition (x64)	SP2	x86-64bit
Windows Server 2008	Datacenter Edition		x86-32bit
Windows Server 2008	Datacenter Edition		x86-64bit

Microsoft

Name	Version	Service Pack	CPU Architecture
Windows Server 2008	Datacenter Edition	R2	x86-64bit
Windows Server 2008	Datacenter Edition	SP2	x86-32bit
Windows Server 2008	Datacenter Edition	SP2	x86-64bit
Windows Server 2008	Enterprise Edition		x86-32bit
Windows Server 2008	Enterprise Edition		x86-64bit
Windows Server 2008	Enterprise Edition	R2	x86-64bit
Windows Server 2008	Enterprise Edition	SP2	x86-32bit
Windows Server 2008	Enterprise Edition	SP2	x86-64bit
Windows Server 2008	Foundation		x86-32bit
Windows Server 2008	Foundation		x86-64bit
Windows Server 2008	Foundation	R2	x86-64bit
Windows Server 2008	Foundation	SP2	x86-64bit
Windows Server 2008	Standard Edition		x86-32bit
Windows Server 2008	Standard Edition		x86-64bit
Windows Server 2008	Standard Edition	R2	x86-64bit
Windows Server 2008	Standard Edition	SP2	x86-32bit
Windows Server 2008	Standard Edition	SP2	x86-64bit
Windows Server 2008	Storage Server		x86-32bit
Windows Server 2008	Storage Server		x86-64bit
Windows Server 2008	Storage Server	R2	x86-64bit
Windows Server 2008	Storage Server	SP2	x86-64bit
Windows Server 2008	Web Edition		x86-32bit
Windows Server 2008	Web Edition		x86-64bit
Windows Server 2008	Web Edition	R2	x86-64bit
Windows Server 2008	Web Edition	SP2	x86-32bit
Windows Server 2008	Web Edition	SP2	x86-64bit

Microsoft

Name	Version	Service Pack	CPU Architecture
Windows Small Business Server 2003 [2]	Premium		x86-32bit
Windows Small Business Server 2003 [2]	Premium	R2	x86-32bit
Windows Small Business Server 2003 [2]	Premium	R2-SP2	x86-32bit
Windows Small Business Server 2003 [2]	Premium	SP1	x86-32bit
Windows Small Business Server 2003 [2]	Premium	SP2	x86-32bit
Windows Small Business Server 2003 [2]	Standard		x86-32bit
Windows Small Business Server 2003 [2]	Standard	R2	x86-32bit
Windows Small Business Server 2003 [2]	Standard	R2-SP2	x86-32bit
Windows Small Business Server 2003 [2]	Standard	SP1	x86-32bit
Windows Small Business Server 2003 [2]	Standard	SP2	x86-32bit
Windows Small Business Server 2008	Premium		x86-64bit
Windows Small Business Server 2008	Standard		x86-64bit
Windows Unified Data Storage Server 2003	Enterprise x64 Edition		x86-64bit
Windows Unified Data Storage Server 2003	Enterprise x64 Edition	SP2	x86-64bit
Windows XP [3]	Professional	SP2	x86-32bit
Windows XP [3]	Professional	SP2	x86-64bit
Windows XP	Professional	SP3	x86-32bit
Windows XP	Professional (x64)	SP3	x86-64bit

1. Please see the following TechNote for more information regarding issues specific to Windows 2003 Service Pack 1: <http://entsupport.symantec.com/docs/276538> >
2. Backup Exec 2010 Continuous Protection of Exchange 2003 on SBS 2003 requires two servers. CPS for Exchange cannot protect Exchange to a local destination. Backup Exec 2010 and the Continuous Protection Server must be installed on a remote system to the SBS Exchange 2003 server
3. For more information about Windows XP Service Pack 2, please see technote: <http://entsupport.symantec.com/docs/270139> >

Remote Media Agent for Linux Servers Compatibility

Note: The Remote Media Agent for Linux Servers was not designed to be a full disaster recovery agent.

Asianux Consortium

Name	Version	Service Pack	CPU Architecture
Asianux	2.0		x86-32bit
Asianux	2.0		x86-64bit
Asianux	3.0		x86-32bit
Asianux	3.0		x86-64bit

Novell

Name	Version	Service Pack	CPU Architecture
SUSE Linux Enterprise Server [1] [2]	10		x86-32bit
SUSE Linux Enterprise Server [1] [2]	10	SP2	x86-32bit
SUSE Linux Enterprise Server [1] [2]	10 (x86-64)		x86-64bit
SUSE Linux Enterprise Server [1]	10 (x86-64)	SP2	x86-64bit
SUSE Linux Enterprise Server	11		x86-32bit
SUSE Linux Enterprise Server	11 (x86-64)		x86-64bit

1. Ext 2, Ext 3, Reiser FS, JFS, VxFS

2. Supported with Novell Open Enterprise Server (OES) 2.0 SP2, with NSS, NDS, GroupWise and iFolder on 32 and 64-bit platforms for SUSE 10 and 11.

Red Hat

Name	Version	Service Pack	CPU Architecture
Enterprise Linux [1] [2]	4.0 (AS)		x86-32bit
Enterprise Linux [1] [2]	4.0 (AS) (x86-64)		x86-64bit
Enterprise Linux [1] [2]	4.0 (ES)		x86-32bit
Enterprise Linux [1] [2]	4.0 (ES) (x86-64)		x86-64bit
Enterprise Linux [1] [2]	4.0 (WS)		x86-32bit
Enterprise Linux [1] [2]	4.0 (WS) (x86-64)		x86-64bit
Enterprise Linux [1] [3]	5.0 (Advanced)		x86-32bit
Enterprise Linux [1] [3]	5.0 (Advanced) (x86-64)		x86-64bit
Enterprise Linux [1] [3]	5.0 (base)		x86-32bit
Enterprise Linux [1] [3]	5.0 (base) (x86-64)		x86-64bit

1. Ext 2, Ext 3, Reiser FS, JFS, VxFS

2. Supports Red Hat Enterprise Linux 4.0 up to and including update 8 (4.8)

3. Supports Red Hat Enterprise Linux 5.0 up to and including update 4 (5.4)

Database Agents Compatibility

Note: Backup Exec database agents are supported on the Microsoft Windows OS platforms that the database manufacturers themselves support.

Note:The Backup Exec Agent for Oracle on Windows or Linux Servers does not support multiple Oracle database versions that are installed on the same computer.

IBM

Name	Version	Service Pack	CPU Architecture
DB2 [1]	8.2		x86-32
DB2 [2]	8.2		x86-64
DB2 [1]	9.1		x86-32
DB2 [3]	9.1		x86-64
DB2 [1]	9.5		x86-32
DB2 [4]	9.5		x86-64
Lotus Domino/Notes [5]	7		x86-32
Lotus Domino/Notes [5]	7.0.2		x86-32
Lotus Domino/Notes [5] [6]	8.0		x86-32
Lotus Domino/Notes [5]	8.0.1		x86-32
Lotus Domino/Notes [5] [7]	8.0.1		x86-64
Lotus Domino/Notes [5]	8.0.2		x86-32
Lotus Domino/Notes [5] [8]	8.0.2		x86-64
Lotus Domino/Notes	8.5		x86-32
Lotus Domino/Notes	8.5		x86-64
Lotus Domino/Notes	8.5.1		x86-32
Lotus Domino/Notes	8.5.1		x86-64

1. All supported versions of DB2 are supported on all Windows versions.

2. 64-bit support for DB2 8.2 is on Windows 2003 only.

3. 64-bit support for DB2 9.1 is on Windows 2003 and 2008 Only.

4. 64-bit support for DB2 9.5 is on Windows 2003 and 2008 Only.

5. Lotus .NSF Formatted databases only. The Lotus/DB2 database format is currently not supported.

6. The Backup Exec Agent for Lotus Domino supports Lotus Domino version 8.0 only on Windows 2000 (32bit), Windows 2003 (32bit) and Windows 2008 (32bit) systems.

7. Lotus 8.0.1 is also supported on 64bit servers, but only with 64bit Lotus. We do not support 32 bit lotus on 64 bit systems.

8. Lotus 8.0.2 is also supported on 64bit servers, but only with 64bit Lotus. We do not support 32 bit lotus on 64 bit systems.

Microsoft

Name	Version	Service Pack	CPU Architecture
Exchange	2003	SP1	x86-32
Exchange	2003	SP2	x86-32
Exchange [1] [2]	2007		x86-64
Exchange [1] [2]	2007	SP1	x86-64
Exchange [1] [2]	2007	SP2	x86-64
Exchange [3] [4]	2010		x86-64
MSDE	2.x (SQL 2000 desktop)	SP3A	x86-32
MSDE	2.x (SQL 2000 desktop)	SP4	x86-32
Office SharePoint Server [5]	2007		x86-32
Office SharePoint Server [5]	2007		x86-64
Office SharePoint Server [5] [6] [7]	2007	SP1	x86-32
Office SharePoint Server [5] [6] [7]	2007	SP1	x86-64
Operations Manager	2005	SP1	x86-32
Operations Manager	2005	SP1	x86-64
SharePoint Portal Server [5] [8]	2003		x86-32
SharePoint Portal Server [5] [8]	2003	SP1	x86-32
SharePoint Portal Server [5] [8] [9]	2003	SP2	x86-32
SharePoint Portal Server [5] [8] [9]	2003	SP3	x86-32

Microsoft

Name	Version	Service Pack	CPU Architecture
SQL Express	2005		x86-32
SQL Express	2005	SP1	x86-32
SQL Express	2005	SP2	x86-32
SQL Express [10]	2005	SP3	x86-32
SQL Express	2008		x86-32
SQL Express	2008	SP1	x86-32
SQL Server	2000	SP3a	x86-32
SQL Server	2000	SP3a	x86-64
SQL Server	2000	SP4	x86-32
SQL Server	2000	SP4	x86-64
SQL Server	2005		x86-32
SQL Server	2005		x86-64
SQL Server	2005	SP1	x86-32
SQL Server	2005	SP1	x86-64
SQL Server	2005	SP2	x86-32
SQL Server	2005	SP2	x86-64
SQL Server	2005	SP3	x86-32
SQL Server	2005	SP3	x86-64
SQL Server	2008		x86-32
SQL Server	2008		x86-64
SQL Server	2008	SP1	x86-32
SQL Server	2008	SP1	x86-64
Windows SharePoint Services [5] [8]	2.0		x86-32
Windows SharePoint Services [5] [8]	2.0	SP1	x86-32
Windows SharePoint Services [5] [8] [9]	2.0	SP2	x86-32
Windows SharePoint Services [5] [8] [9]	2.0	SP3	x86-32

Microsoft

Name	Version	Service Pack	CPU Architecture
Windows SharePoint Services [5]	3.0		x86-32
Windows SharePoint Services [5]	3.0		x86-64
Windows SharePoint Services [5] [6] [7]	3.0	SP1	x86-32
Windows SharePoint Services [5] [6] [7]	3.0	SP1	x86-64

1. If Backup Exec resides on a 32bit Windows 2003 installation you need to have the Exchange tools installed locally in order to backup Exchange 2007. Backup Exec installed onto Windows 2000 does not support backing up Exchange 2007. CDO needs to be installed on the Exchange server in order to do GRT backup/restores. Backup Exec 2010 supports Exchange 2007 CCR, LCR and SCC. CPS does not support CCR. See <http://entsupport.symantec.com/docs/287939> for download instructions.

2. The use of GRT technology is now supported on Exchange 2007 running on Windows 2008. Please see the following TechNote for further details <http://entsupport.symantec.com/docs/294622>. At this time, we do not support installing Microsoft Office on the same server where the CDO/MAPI components are installed.

3. Exchange 2010 requires a Windows 2008 SP2 or Windows 2008 R2 x64 media server with the Exchange 2010 Management tools installed on the media server.

4. Window Enterprise Edition is still required since a DAG (Database Availability Group) still uses pieces of Windows Failover Clustering.

5. Please see the following TechNote for further details regarding Backup Exec for Windows Systems Sharepoint Agent used to back up a Sharepoint environment that has any of its farm servers or the Backup Exec media server running on a Windows 2000 operating system <http://entsupport.symantec.com/docs/324882>.

6. Microsoft Office SharePoint Server 2007 with SP1 and Windows SharePoint Services 3.0 with SP1 are now supported on Windows Server 2008.

7. Microsoft Office SharePoint Server 2007 with SP1 and Windows SharePoint Services 3.0 with SP1 are now supported with SQL Server 2008 as the backend database server.

8. All servers in the SharePoint server farm with the exception of the SQL Server, must be on a 32-bit OS platform for Microsoft SharePoint Portal Server 2003 and Microsoft Windows SharePoint Services 2.0.

9. Microsoft SharePoint Portal Server 2003 and Microsoft Windows SharePoint Services 2.0 with SP2 or above now have support for both 32- and 64-bit Microsoft SQL Server 2005 database servers. However, 32-bit Microsoft SharePoint Portal Server 2003 or Microsoft Windows SharePoint Services 2.0 running on 64-bit Windows Server 2003 (in WOW mode) is not supported.

10. Please see the following TechNote for further details regarding upgrading the BKUPEXEC SQL Express 2005 instance to SP3 <http://entsupport.symantec.com/docs/327649>.

Oracle

Name	Version	Service Pack	CPU Architecture
Database [1] [2] [3] [4] [5]	10g		x86-32
Database [1] [2] [3] [4]	10g		x86-64
Database [1] [2] [3] [4] [5]	10g	R2	x86-32
Database [1] [2] [3] [4]	10g	R2	x86-64
Database [3]	11g		x86-32
Database [3]	11g		x86-64
Database [1] [2] [3] [4] [5] [6]	9i		x86-32
Database [1] [2] [3] [4] [6]	9i		x86-64

1. IPv6 not supported.
2. Oracle versions Enterprise, Standard, Standard One, Lite, and Personal supported.
3. RAC support for Windows and Linux
4. Supported on all supported Windows and Linux versions.
5. The Oracle Agent will not work with 32bit versions of Oracle installed on a 64bit system
6. Oracle versions 9.2 and above

SAP

Name	Version	Service Pack	CPU Architecture
SAP on MAXDB 7.5 [1]	with MaxDB Mgr 7.5		x86-32
SAP on MAXDB 7.6 [1]	with MaxDB Mgr 7.6		x86-32
SAP on MS SQL Server [2]	2000	SP3A	x86-32
SAP on MS SQL Server [2]	2000	SP4	x86-32
SAP on MS SQL Server	2005		x86-32
SAP on MS SQL Server	2005		x86-64

SAP

Name	Version	Service Pack	CPU Architecture
SAP on Oracle Database	10g		x86-32
SAP on Oracle Database	10g		x86-64
SAP on Oracle Database	10g	R2	x86-32
SAP on Oracle Database	10g	R2	x86-64
SAP on Oracle Database	4		x86-32
SAP on Oracle Database	4.0b		x86-32
SAP on Oracle Database	4.6c		x86-32
SAP on Oracle Database	4.6d		x86-32
SAP on Oracle Database	4.7		x86-32
SAP on Oracle Database	9i		x86-32
SAP on Oracle Database	9i		x86-64
SAP on Oracle Database [3]	BRTOOLS 6.20		x86-32
SAP on Oracle Database [3]	BRTOOLS 6.40		x86-32
SAP on Oracle Database [3]	BRTOOLS 7.0		x86-32
SAP on Oracle Database [3]	BRTOOLS 7.0		x86-64
SAP on SAP DB 7.4 [1]	with SAP DB Mgr 7.4		x86-32

1. It is vital that the correct SAP DB/MaxDB GUI is used with the corresponding database version.

2. Support for SAP running on Microsoft SQL Server is provided only through the Backup Exec Agent for SQL Server. The Backup Exec Agent for SAP R/3 for Oracle cannot and should not be used to protect SAP running on Microsoft SQL Server.

3. Tested with and without RMAN.

Remote Agents

Agent for Windows Systems (AWS) Compatibility

Backup Exec 12 and 12.5 Agents are compatible with 2010 Media Servers for the purpose of rolling upgrades only. This configuration is not recommended or supported for extended periods. Every effort should be made to get all Backup Exec components to the same version as soon as possible. Please refer to <http://entsupport.symantec.com/docs/277323> for more details.

Please see <http://entsupport.symantec.com/docs/277323> for caveats when in a CASO environment.

Note: Anything backed up using the Intelligent Image Option can no longer be restored using Backup Exec 2010

Note: All backup methods: Full, Differential, Incremental using modified time are supported only if the Agent for Windows Systems (AWS) or the Remote Agent for Linux Systems (RALUS) is installed. For systems unable to have either agent installed, only the backup method "Full" is supported. Systems without an agent are unable to gather the information necessary to support any other backup method.

Citrix

Name	Version	Service Pack	CPU Architecture
Metaframe [1]	XPa	FP2	x86-32bit
Metaframe [1]	XPa	FP3	x86-32bit
Metaframe [1]	XPe	FP2	x86-32bit
Metaframe [1]	XPe	FP3	x86-32bit
Metaframe [1]	XPs	FP2	x86-32bit
Metaframe [1]	XPs	FP3	x86-32bit
Presentation Server [1]	3		x86-32bit

1. The Intelligent Disaster Recovery option for Backup Exec is not compatible with Citrix MetaFrame XPs, XPa, XPe, and Presentation Server. The Citrix XP platform can be used as both a server and/or client for Backup Exec for Windows Systems.

Microsoft

Name	Version	Service Pack	CPU Architecture
Windows 2000	Advanced Server	SP4 - with roll up 1	x86-32bit
Windows 2000	Advanced Server	SP4 - with roll up 1	x86-64bit
Windows 2000	Datacenter Server	SP4 - with roll up 1	x86-32bit
Windows 2000	Datacenter Server	SP4 - with roll up 1	x86-64bit
Windows 2000	Professional	SP4 - with roll up 1	x86-32bit
Windows 2000	Professional	SP4 - with roll up 1	x86-64bit
Windows 2000	Server	SP4 - with roll up 1	x86-32bit
Windows 2000	Server	SP4 - with roll up 1	x86-64bit
Windows 7	Enterprise		x86-32bit
Windows 7	Enterprise		x86-64bit
Windows 7	Professional		x86-32bit
Windows 7	Professional		x86-64bit
Windows 7	Ultimate		x86-32bit
Windows 7	Ultimate		x86-64bit
Windows Essential Business Server 2008	Premium		x86-64bit
Windows Essential Business Server 2008	Standard		x86-64bit
Windows Server 2003 [1] [2]	Datacenter Edition	R2	x86-32bit
Windows Server 2003	Datacenter Edition	R2-SP2	x86-32bit
Windows Server 2003 [1] [2]	Datacenter Edition	SP1	x86-32bit
Windows Server 2003	Datacenter Edition	SP2	x86-32bit
Windows Server 2003 [1] [2]	Datacenter Edition (x64)	R2	x86-64bit
Windows Server 2003	Datacenter Edition (x64)	R2-SP2	x86-64bit
Windows Server 2003 [1] [2]	Datacenter Edition (x64)	SP1	x86-64bit
Windows Server 2003	Datacenter Edition (x64)	SP2	x86-64bit
Windows Server 2003 [1]	Enterprise Edition	R2	x86-32bit

Microsoft

Name	Version	Service Pack	CPU Architecture
Windows Server 2003	Enterprise Edition	R2-SP2	x86-32bit
Windows Server 2003 [1]	Enterprise Edition	SP1	x86-32bit
Windows Server 2003	Enterprise Edition	SP2	x86-32bit
Windows Server 2003 [1]	Enterprise Edition (x64)	R2	x86-64bit
Windows Server 2003	Enterprise Edition (x64)	R2-SP2	x86-64bit
Windows Server 2003 [1]	Enterprise Edition (x64)	SP1	x86-64bit
Windows Server 2003	Enterprise Edition (x64)	SP2	x86-64bit
Windows Server 2003 [1]	Standard Edition	R2	x86-32bit
Windows Server 2003	Standard Edition	R2-SP2	x86-32bit
Windows Server 2003 [1]	Standard Edition	SP1	x86-32bit
Windows Server 2003	Standard Edition	SP2	x86-32bit
Windows Server 2003 [1]	Standard Edition (x64)	R2	x86-64bit
Windows Server 2003	Standard Edition (x64)	R2-SP2	x86-64bit
Windows Server 2003 [1]	Standard Edition (x64)	SP1	x86-64bit
Windows Server 2003	Standard Edition (x64)	SP2	x86-64bit
Windows Server 2003 [1]	Storage Server	R2	x86-32bit
Windows Server 2003	Storage Server	R2-SP2	x86-32bit
Windows Server 2003 [1] [2]	Storage Server	SP1	x86-32bit
Windows Server 2003	Storage Server	SP2	x86-32bit
Windows Server 2003 [1]	Storage Server (x64)	R2	x86-64bit
Windows Server 2003	Storage Server (x64)	R2-SP2	x86-64bit
Windows Server 2003 [1]	Storage Server (x64)	SP1	x86-64bit
Windows Server 2003	Storage Server (x64)	SP2	x86-64bit
Windows Server 2003 [1]	Web Edition	R2	x86-32bit
Windows Server 2003	Web Edition	R2-SP2	x86-32bit
Windows Server 2003 [1] [2]	Web Edition	SP1	x86-32bit

Microsoft

Name	Version	Service Pack	CPU Architecture
Windows Server 2003	Web Edition	SP2	x86-32bit
Windows Server 2003 [1]	Web Edition (x64)	R2	x86-64bit
Windows Server 2003	Web Edition (x64)	R2-SP2	x86-64bit
Windows Server 2003 [1]	Web Edition (x64)	SP1	x86-64bit
Windows Server 2003	Web Edition (x64)	SP2	x86-64bit
Windows Server 2008	Core		x86-32bit
Windows Server 2008	Core		x86-64bit
Windows Server 2008	Core	R2	x86-64bit
Windows Server 2008	Core	SP2	x86-32bit
Windows Server 2008	Core	SP2	x86-64bit
Windows Server 2008	Core with Hyper-V	R2	x86-64bit
Windows Server 2008	Datacenter Edition		x86-32bit
Windows Server 2008	Datacenter Edition		x86-64bit
Windows Server 2008	Datacenter Edition	R2	x86-64bit
Windows Server 2008	Datacenter Edition	SP2	x86-32bit
Windows Server 2008	Datacenter Edition	SP2	x86-64bit
Windows Server 2008	Datacenter Edition with Hyper-V	R2	x86-64bit
Windows Server 2008	Enterprise Edition		x86-32bit
Windows Server 2008	Enterprise Edition		x86-64bit
Windows Server 2008	Enterprise Edition	R2	x86-64bit
Windows Server 2008	Enterprise Edition	SP2	x86-32bit
Windows Server 2008	Enterprise Edition	SP2	x86-64bit
Windows Server 2008	Enterprise Edition with Hyper-V	R2	x86-64bit
Windows Server 2008	Foundation		x86-32bit
Windows Server 2008	Foundation		x86-64bit
Windows Server 2008	Foundation	R2	x86-64bit

Microsoft

Name	Version	Service Pack	CPU Architecture
Windows Server 2008	Standard Edition		x86-32bit
Windows Server 2008	Standard Edition		x86-64bit
Windows Server 2008	Standard Edition	R2	x86-64bit
Windows Server 2008	Standard Edition	SP2	x86-32bit
Windows Server 2008	Standard Edition	SP2	x86-64bit
Windows Server 2008	Standard Edition with Hyper-V	R2	x86-64bit
Windows Server 2008	Storage Server		x86-32bit
Windows Server 2008	Storage Server		x86-64bit
Windows Server 2008	Web Edition		x86-32bit
Windows Server 2008	Web Edition		x86-64bit
Windows Server 2008	Web Edition	R2	x86-64bit
Windows Server 2008	Web Edition	SP2	x86-32bit
Windows Server 2008	Web Edition	SP2	x86-64bit
Windows Small Business Server 2003	Premium		x86-32bit
Windows Small Business Server 2003	Premium	R2	x86-32bit
Windows Small Business Server 2003	Premium	R2-SP2	x86-32bit
Windows Small Business Server 2003	Premium	SP1	x86-32bit
Windows Small Business Server 2003	Premium	SP2	x86-32bit
Windows Small Business Server 2003	Standard		x86-32bit
Windows Small Business Server 2003	Standard	R2	x86-32bit
Windows Small Business Server 2003	Standard	R2-SP2	x86-32bit
Windows Small Business Server 2003	Standard	SP1	x86-32bit
Windows Small Business Server 2003	Standard	SP2	x86-32bit
Windows Small Business Server 2008	Premium		x86-64bit
Windows Small Business Server 2008	Standard		x86-64bit
Windows Unified Data Storage Server 2003	Enterprise x64 Edition		x86-64bit

Microsoft

Name	Version	Service Pack	CPU Architecture
Windows Unified Data Storage Server 2003	Enterprise x64 Edition	SP2	x86-64bit
Windows Vista [3]	Business		x86-32bit
Windows Vista	Business	SP1	x86-32bit
Windows Vista [3]	Business (x64)		x86-64bit
Windows Vista	Business (x64)	SP1	x86-64bit
Windows Vista [3]	Enterprise		x86-32bit
Windows Vista	Enterprise	SP1	x86-32bit
Windows Vista [3]	Enterprise (x64)		x86-64bit
Windows Vista	Enterprise (x64)	SP1	x86-64bit
Windows Vista [3]	Ultimate		x86-32bit
Windows Vista	Ultimate	SP1	x86-32bit
Windows Vista [3]	Ultimate (x64)		x86-64bit
Windows Vista	Ultimate (x64)	SP1	x86-64bit
Windows XP [4]	Home Edition		x86-32bit
Windows XP	Home Edition	SP3	x86-32bit
Windows XP	Professional	SP1	x86-32bit
Windows XP	Professional	SP1a	x86-32bit
Windows XP [5]	Professional	SP2	x86-32bit
Windows XP	Professional	SP3	x86-32bit
Windows XP [5]	Professional (x64)	SP2	x86-64bit
Windows XP	Professional (x64)	SP3	x86-64bit
Windows XP	Tablet PC Edition	SP1	x86-32bit
Windows XP	Tablet PC Edition	SP1a	x86-32bit
Windows XP	Tablet PC Edition	SP3	x86-32bit

1. Please see the following TechNote for more information regarding issues specific to Windows 2003 Service Pack 1: <http://entsupport.symantec.com/docs/276538> >
2. The creation of boot media for the Intelligent Disaster Recovery (IDR) Option is not supported if using a Windows 2000 and Windows 2003 DataCenter CD. Please

see the following TechNote for details: <http://entsupport.symantec.com/docs/245908> >

3. Please see the following technote for Vista configuration details <http://entsupport.symantec.com/docs/288181> >

4. Support for Windows XP Home is provided via the Desktop and Laptop Agent. The Desktop and Laptop Agent must be installed locally to the Windows XP Home computer (The Desktop and Laptop agent cannot be push installed to the Windows XP Home computer).

5. For more information about Windows XP Service Pack 2, please see technote: <http://entsupport.symantec.com/docs/270139> >

Remote Agent for NetWare

Novell OES support provided via RALUS. See the Remote Agent for Linux and UNIX servers section for more details.

Note: RANW does not currently support software or hardware encryption.

Novell

Name	Version	Service Pack	CPU Architecture
NetWare	6.5	SP8	x86-32bit

Remote Agent for Linux or UNIX Servers (RALUS) Compatibility

Note: The Remote Agent for Linux or UNIX Servers and the Remote Agent for Macintosh were not designed to be a full disaster recovery agent.

Note: The Differential and Incremental backup methods using modified time are only supported if the Agent for Windows Systems (AWS) or the Remote Agent for Linux or UNIX Servers (RALUS) is installed. For systems unable to have either agent installed, the only modified time backup method that is supported is **Full**. Systems without an agent are unable to gather the information necessary to support the Differential or Incremental using modified time methods.

Asianux Consortium

Name	Version	Service Pack	CPU Architecture
Asianux	2.0		x86-32bit
Asianux	2.0		x86-64bit
Asianux	3.0		x86-32bit
Asianux	3.0		x86-64bit

Canonical

Name	Version	Service Pack	CPU Architecture
Ubuntu	7.1		x86-32bit
Ubuntu	7.1		x86-64bit
Ubuntu	8.1		x86-32bit
Ubuntu	8.1		x86-64bit

Debian

Name	Version	Service Pack	CPU Architecture
GNU/Linux [1]	4.0	r7	x86-32bit
GNU/Linux [1]	4.0 (x86-64)	r7	x86-64bit
GNU/Linux	5.0		x86-32bit
GNU/Linux	5.0 (x86-64)		x86-64bit

1. Requires the 'libstdc++5' package installed as root (on the Linux machines) before RALUS is installed. Command: apt-get install libstdc++5

Miracle

Name	Version	Service Pack	CPU Architecture
Linux	3.0		x86-32bit
Linux	4.0		x86-32bit

Novell

Name	Version	Service Pack	CPU Architecture
SUSE Linux Enterprise Server [1] [2]	10		x86-32bit
SUSE Linux Enterprise Server [2]	10	SP2	x86-32bit
SUSE Linux Enterprise Server [1] [2]	10 (x86-64)		x86-64bit
SUSE Linux Enterprise Server [1] [2]	10 (x86-64)	SP2	x86-64bit
SUSE Linux Enterprise Server	11		x86-32bit
SUSE Linux Enterprise Server	11 (x86-64)		x86-64bit

1. Ext 2, Ext 3, Reiser FS, JFS, VxFS

2. Supported with Novell Open Enterprise Server (OES) 2.0 SP2, with NSS, NDS, GroupWise and iFolder on 32 and 64-bit platforms for SUSE 10 and 11.

Red Flag

Name	Version	Service Pack	CPU Architecture
Linux	4.1 DC		x86-32bit
Linux	5.0 DC		x86-32bit

Red Hat

Name	Version	Service Pack	CPU Architecture
Enterprise Linux [1] [2]	4.0 (AS)		x86-32bit
Enterprise Linux [1] [2]	4.0 (AS) (x86-64)		x86-64bit
Enterprise Linux [1] [2]	4.0 (ES)		x86-32bit
Enterprise Linux [1] [2]	4.0 (ES) (x86-64)		x86-64bit
Enterprise Linux [1] [2]	4.0 (WS)		x86-32bit
Enterprise Linux [1] [2]	4.0 (WS) (x86-64)		x86-64bit
Enterprise Linux [1] [3]	5.0 (Advanced)		x86-32bit
Enterprise Linux [1] [3]	5.0 (Advanced) (x86-64)		x86-64bit
Enterprise Linux [1] [3]	5.0 (base)		x86-32bit
Enterprise Linux [1] [3]	5.0 (base) (x86-64)		x86-64bit

- 1. Ext 2, Ext 3, Reiser FS, JFS, VxFS
- 2. Supports Red Hat Enterprise Linux 4.0 up to and including update 8 (4.8)
- 3. Supports Red Hat Enterprise Linux 5.0 up to and including update 4 (5.4)

Sun

Name	Version	Service Pack	CPU Architecture
Solaris [1]	10 SPARC		SPARC
Solaris [2]	10 x64		x86-64bit
Solaris [1]	9.0		SPARC

- 1. Sun Solaris SPARC OS versions 9 and 10 are supported on 64 bit installations only
- 2. Solaris 10 support for Intel/AMD on x86-64 hardware.

VMware

Name	Version	Service Pack	CPU Architecture
ESX [1]	3.0.2		x86-32bit
ESX [1]	3.0.3		x86-32bit
ESX [1]	3.5		x86-32bit

1. With the introduction of Backup Exec 12.5's Agent for VMware Virtual Infrastructure(AVVI), it is no longer recommended to use the Backup Exec Remote Agent for Linux/Unix Servers (RALUS) Agent to protect online Guest virtual machines on VMware ESX since Guest virtual machines must be shut down manually to ensure backup consistency with the RALUS Agent.

Remote Agent for Macintosh Compatibility

Note: The Remote Agent for Linux or UNIX Servers and the Remote Agent for Macintosh were not designed to be a full disaster recovery agent.

Apple

Name	Version	Service Pack	CPU Architecture
Mac OS X [1]	10.4		x86-32bit
Mac OS X [1]	10.4		x86-64bit
Mac OS X [1] [2]	10.5		x86-32bit
Mac OS X [1] [2]	10.5		x86-64bit

1. Workstation and Server

2. All MAC OS X 10.5 patch levels supported up to 10.5.5

Compatibility with Symantec and 3rd party software

64-bit and 32-bit Interoperability

Notes:

1. The 32-bit Media Server table illustrates interoperability between a 32bit media server and various remote systems and applications.
2. The 64-bit Media Server table illustrates interoperability between a 64bit media server and various remote systems and applications.
3. If an agent or option is not listed in the tables below, it is supported on both 32-bit and 64-bit (x64) platforms.

32-bit Media Server

Agent	32-bit Windows OS	x64bit Windows OS	Linux/UNIX
Active Directory	Supported	Supported	N/A
DB2	Supported	Supported	N/A
Lotus Domino/Notes	Supported	Supported [1]	N/A
Microsoft Exchange 2000	Supported	N/A	N/A
Microsoft Exchange 2003	Supported	N/A	N/A
Microsoft Exchange 2007	Not Supported	Supported [2]	N/A
Microsoft Exchange 2010	Not Supported	Supported	N/A
Microsoft SharePoint 2000	Supported	Not Supported	N/A
Microsoft SharePoint 2003	Supported [3]	Not Supported [4]	N/A
Microsoft SharePoint 2007	Supported	Supported [5]	N/A
Microsoft SQL 2000	Supported	Supported [6]	N/A
Microsoft SQL 2005	Supported	Supported [7]	N/A
Microsoft SQL 2008	Supported	Supported [7]	N/A
NDMP	N/A	N/A	N/A
Oracle	Supported	Supported	Supported
SAP	Supported	Supported	Not Supported

32-bit Media Server

Agent	32-bit Windows OS	x64bit Windows OS	Linux/UNIX
Federal Information Processing Standard 140-2 (FIPS)	Supported [8]	Not Supported	N/A

- Both 32bit and 64bit 2010 Media Servers will back up 64bit Domino 8.0.1 on a 64bit OS. Please note that 32bit Domino installed on a 64bit OS is not supported.
- If Backup Exec resides on a 32bit Windows 2003 installation you need to have the Exchange tools installed locally in order to backup Exchange 2007. Backup Exec installed onto Windows 2000 does not support backing up Exchange 2007. CDO needs to be installed on the Exchange server in order to do GRT backup/restores. Backup Exec 2010 supports Exchange 2007 CCR and LCR. CPS does not support CCR.
- SharePoint 2003 Farms are only supported with SQL 2000 or SQL 2005 32-bit servers. Installed SharePoint 2003 onto a Windows x64 server or using SQL 2005 x64-bit is not supported.
- Microsoft SharePoint Portal Server 2003 and Microsoft Windows SharePoint Services 2.0 with SP2 or above now have support for both 32- and 64-bit Microsoft SQL Server 2005 database servers. However, 32-bit Microsoft SharePoint Portal Server 2003 or Microsoft Windows SharePoint Services 2.0 running on 64-bit Windows Server 2003 (in WOW mode) is not supported.
- SQL 2008 32 and 64 bit versions are supported as database backend servers
- SQL 2000 is supported on Windows 2003 x64bit servers, with SQL 2000 SP4 and Microsoft Patch 904418 (<http://support.microsoft.com/?kbid=904418>)
- Both 32-bit and x64-bit SQL 2005 is supported on Windows 2003 x64.
- FIPS 140-2 mode is Supported only for 32 bit Windows platforms. Unix, Linux and MacOS (RALUS/RAMS) are not supported. 128 AES encryption is not supported in FIPS mode. Please see the following link for more details on FIPS 140-2 support <http://entsupport.symantec.com/docs/297706> >

64-bit Media Server

Agent	32-bit Windows OS	x64bit Windows OS	Linux/UNIX
Active Directory	Supported	Supported	N/A
DB2	Supported	Supported	N/A
Lotus Domino/Notes	Supported	Supported [1]	N/A
Microsoft Exchange 2000	Supported [2]	N/A	N/A
Microsoft Exchange 2003	Supported [2]	N/A	N/A
Microsoft Exchange 2007	Not Supported	Supported [3]	N/A
Microsoft SharePoint 2000	Supported	Not Supported	N/A

64-bit Media Server

Agent	32-bit Windows OS	x64bit Windows OS	Linux/UNIX
Microsoft SharePoint 2003	Supported [4]	Not Supported [5]	N/A
Microsoft SharePoint 2007	Supported	Supported [6]	N/A
Microsoft SQL 2000	Supported	Supported [7]	N/A
Microsoft SQL 2005	Supported	Supported [8]	N/A
Microsoft SQL 2008	Supported	Supported [8]	N/A
NDMP	N/A	N/A	N/A
Oracle	Supported	Supported	Supported
SAP	Supported	Supported	Not Supported

1. Both 32bit and 64bit 2010 Media Servers will back up 64bit Domino 8.0.1 on a 64bit OS. Please note that 32bit Domino installed on a 64bit OS is not supported.

2. Microsoft Exchange granular recovery is supported on Backup Exec x64bit Media Servers.

3. If Backup Exec resides on a 32bit Windows 2003 installation you need to have the Exchange tools installed locally in order to backup Exchange 2007. Backup Exec installed onto Windows 2000 does not support backing up Exchange 2007. CDO needs to be installed on the Exchange server in order to do GRT backup/restores. Backup Exec 2010 supports Exchange 2007 CCR and LCR. CPS does not support CCR.

4. SharePoint 2003 Farms are only supported with SQL 2000 or SQL 2005 32-bit servers. Installed SharePoint 2003 onto a Windows x64 server is not supported.

5. Microsoft SharePoint Portal Server 2003 and Microsoft Windows SharePoint Services 2.0 with SP2 or above now have support for both 32- and 64-bit Microsoft SQL Server 2005 database servers. However, 32-bit Microsoft SharePoint Portal Server 2003 or Microsoft Windows SharePoint Services 2.0 running on 64-bit Windows Server 2003 (in WOW mode) is not supported.

6. SQL 2008 32 and 64 bit versions are supported as database backend servers

7. SQL 2000 is supported on Windows 2003 x64bit servers, with SQL 2000 SP4 and Microsoft Patch 904418 (<http://support.microsoft.com/?kbid=904418>)

8. Both 32-bit and x64-bit SQL 2005 is supported on Windows 2003 x64.

Symantec Product Compatibility

Support matrix

Product Name	Qualified Version	Service Pack	OS Platform	Notes
Symantec Continuous Protection Server	2010		x86-32bit	[1]
Symantec Anti-Virus	9.0.4		x86-32bit	
Symantec Anti-Virus	10.2		x86-32bit	
Symantec EndPoint Protection	11		x86-32bit	
Symantec EndPoint Protection	11		x86-64bit	
Symantec Enterprise Vault	7.0.1		x86-32bit	[2] [3]
Symantec Enterprise Vault	7.5		x86-32bit	[2] [3]
Symantec Enterprise Vault	7.0.1		x86-64bit	[2] [3]
Symantec Enterprise Vault	7.5		x86-64bit	[2] [3]
Symantec Enterprise Vault	8.0		x86-32bit	[3] [4] [5]
Symantec Protection Network for Backup Exec 2010 (SPN)			x86-32bit	[6]
Veritas Storage Foundation for Windows FlashSnap	4.1		x86-32bit	
Veritas Storage Foundation for Windows FlashSnap	4.2		x86-32bit	
Veritas Storage Foundation for Windows FlashSnap	4.3		x86-32bit	
Veritas Storage Foundation for Windows FlashSnap	5.0		x86-32bit	
Veritas Storage Foundation for Windows FlashSnap	5.0		x64-64bit	
Veritas Storage Foundation for Windows FlashSnap	5.1		x86-32bit	
Veritas Storage Foundation for Windows FlashSnap	5.1		x64-64bit	
Veritas Storage Foundation for Windows High Availability (with Agent for Windows Systems)	4.1		x86-32bit	
Veritas Storage Foundation for Windows High Availability (with Agent for Windows Systems)	4.2		x86-32bit	
Veritas Storage Foundation for Windows High Availability (with Agent for Windows Systems)	4.2	MP1	x86-32bit	
Veritas Storage Foundation for Windows High Availability (with Agent for Windows Systems)	4.2	MP2	x86-32bit	

Support matrix

Product Name	Qualified Version	Service Pack	OS Platform	Notes
Veritas Storage Foundation for Windows High Availability (with Agent for Windows Systems)	4.3		x86-32bit	[7]
Veritas Storage Foundation for Windows High Availability (with Agent for Windows Systems)	4.3	MP1	x86-32bit	[7]
Veritas Storage Foundation for Windows High Availability (with Agent for Windows Systems)	4.3	MP2	x86-32bit	[7]
Veritas Storage Foundation for Windows High Availability (with Agent for Windows Systems)	5.0		x86/x64	[8]
Veritas Storage Foundation for Windows High Availability (with Agent for Windows Systems)	5.1		x86/x64	[9]
Symantec Backup Exec System Recovery	7.0		x86-32bit	
Symantec Backup Exec System Recovery	7.0		x86-64bit	
Symantec Backup Exec System Recovery	8.0		x86-32bit	
Symantec Backup Exec System Recovery	8.0		x86-64bit	
Symantec Backup Exec System Recovery	8.5		x86-32bit	
Symantec Backup Exec System Recovery	8.5		x86-64bit	
Veritas Replication Exec	3.1		x86-32bit	[10]

1. On Windows 2003-SP1 Only

2. Windows Server 2000 32/x64 and Windows 2003 32/x64

3. Enterprise Vault Agent only supports MSCS clusters. The Enterprise Vault Agent does NOT support VCS clusters

4. Please see the following footnote for backing up Enterprise Vault 8.0 with Backup Exec 2010: <http://seer.entsupport.symantec.com/docs/321595.htm>

5. Windows 2003 SP1 and R2SP2, Windows 2003 x64 (using WOW64) SP1, R2, R2SP2, Windows Storage Server 2003 SP2, R2SP2, Windows 2008 x64 (using WOW64) SP1

6. SPN is supported on 32 bit installations only. Please see the following link for more details on SPN support www.spn.com.

7. Backup Exec supports the agents in a cluster that SFWHA supports

8. Backup Exec supports the agents in a cluster that SFWHA supports. SFW 5.0 requires VSS Patch #932426. IDR is not supported.

9. Backup Exec supports the agents in a cluster that SFWHA supports. IDR is not supported.

10. Cannot co-exist on the same server with Continuous Protection Server

3rd Party Product Compatibility

Support matrix

Product Name	Qualified Version	Service Pack	OS Platform	Notes
CA ARCserve BrightStor Tape Reader	9, 10, 11.1, 11.5		x86-32bit	[1]
Microsoft Operations Manager	2005		x86-32bit	
Microsoft Operations Manager	2005	SP1	x86-32bit	
Samba	2.2.12		x86-32bit	[2]
Samba	3.0.23c		x86-32bit	[2]
VMWare ESX Server	3.0.0		x86-32bit	[3]
VMWare ESX Server	3.0.1		x86-32bit	[4]
VMWare ESX Server	3.5		x86-32bit	
VMWare Server	3.1		x86-32bit	
VMWare Server	3.2		x86-32bit	

1. See Administrators Guide for limitations

2. Backup Exec supports backing up and restoring only the data that is shared with Server Message Block (SMB)/ Common Internet File System (CIFS) protocol.

3. VMware VCB off-host backup is supported with Backup Exec 2010. Please see the following link for more details on ESX 3.x VCB support
<http://www.backupexec.com>

4. VMware VCB off-host backup is supported with Backup Exec 2010. Please see the following link for more details on ESX 3.x VCB support
<http://entsupport.symantec.com/docs/288196>

Cluster Support

For Windows Operating Systems, Backup Exec supports file share clusters for all supported versions and variations of Windows that feature cluster services (MSCS).

Note: File System Archiving cannot be done from the Windows 2008 R1 cluster shares. Windows 2008 R2 cluster shares are required.

Support matrix

Product	Notes
Microsoft SQL Server 2000	Microsoft Cluster Server and Veritas Storage Foundation High Availability for Windows
Microsoft SQL Server 2005	Microsoft Cluster Server and Veritas Storage Foundation High Availability for Windows
Microsoft SQL Server 2008	Microsoft Cluster Server
Microsoft Exchange 2000	Microsoft Cluster Server and Veritas Storage Foundation High Availability for Windows
Microsoft Exchange 2003	Microsoft Cluster Server and Veritas Storage Foundation High Availability for Windows
Microsoft Exchange 2007	CCR, LCR, SCC, Microsoft Cluster Server and Veritas Storage Foundation High Availability for Windows [1]
Microsoft Exchange 2010	Microsoft Cluster Server [2]
IBM Lotus Domino/Notes R7	Supported with Lotus Clustering and Microsoft Cluster Server. [3]
IBM Lotus Domino/Notes R8	Supported with Lotus Clustering and Microsoft Cluster Server. [3]
IBM Lotus Domino/Notes R8.5	Supported with Lotus Clustering and Microsoft Cluster Server. [3]
Oracle 9i	Supported with RAC, Microsoft Cluster Server and FailSafe. [4]
Oracle 10g	Supported with RAC, Microsoft Cluster Server and Oracle FailSafe. [5]
SAP on Oracle	Supported with Microsoft Cluster Server and Oracle Failsafe. [6]

[1.](#) If Backup Exec resides on a 32bit Windows 2003 installation you need to have the Exchange tools installed locally in order to backup Exchange 2007. Backup Exec installed onto Windows 2000 does not support backing up Exchange 2007. CDO needs to be installed on the Exchange server in order to do GRT backup/restores. Backup Exec 2010 supports Exchange 2007 CCR and LCR. CPS does not support CCR. See <http://entsupport.symantec.com/docs/287939> for download instructions.

[2.](#) Window Enterprise Edition is still required since a DAG (Database Availability Group) still uses pieces of Windows Failover Clustering.

[3.](#) Please see IBM technote <http://www-1.ibm.com/support/docview.wss?uid=swg21165986> >

[4.](#) Oracle 91 R2 RAC Supported on RHEL 3.0 with OCFS.

[5.](#) Oracle 10g R1 and 10g R2 RAC supported on RHEL 4.0 with OCFS2.

6. Oracle 9i and 10g only.

Backup Exec Database Repository Compatibility

The following database systems can be used for the Backup Exec Database (BEDB) when installing Backup Exec.

Note: Microsoft Windows 2008 Read Only Domain Controllers (RODC) do not support SQL Server installations.

Support matrix

Product Name	Qualified Version	Service Pack	Notes
Microsoft SQL Express	2005		
Microsoft SQL Express	2005	SP1	
Microsoft SQL Express	2005	SP2	
Microsoft SQL Express	2005	SP3	[1]
Microsoft SQL Express	2008		
Microsoft SQL Server	2005		
Microsoft SQL Server	2005	SP1	
Microsoft SQL Server	2005	SP2	
Microsoft SQL Server	2005	SP3	
Microsoft SQL Server	2005 Workgroup Edition		
Microsoft SQL Server	2005 Workgroup Edition	SP1	
Microsoft SQL Server	2005 Workgroup Edition	SP2	
Microsoft SQL Server	2005 Workgroup Edition	SP3	
Microsoft SQL Server	2008		

1. Please see the following TechNote for further details regarding upgrading the BKUPEXEC SQL Express 2005 instance to SP3.
<http://entsupport.symantec.com/docs/327649>.

Upgrade Compatibility

Previous Backup Exec Versions that Can Upgrade to Backup Exec 2010 Directly

Product Name	Qualified Version	Notes
Backup Exec for Windows Servers	12.5	[1]
Backup Exec for Windows Servers	12	[2]
Backup Exec for Windows Servers	11d	[2]

1. Versions of Backup Exec prior to 11d can be upgraded to version 2010 after first upgrading to version 12 or 12.5

2. Versions of Backup Exec prior to 11d can be upgraded to version 12.5 after first upgrading to version 11d or 12.

Previous Backup Exec Agent Versions that Can Be Temporarily Used with Backup Exec 2010

Product Name	Qualified Version	Notes
Backup Exec for Windows Servers	12.5	[1]
Backup Exec for Windows Servers	12	[2]
Backup Exec for Windows Servers	11d	[2]

1. Backup Exec 2010 can be used in a rolling upgrade configuration with older Agent versions during the upgrade process. A warning message will be displayed in the job log when older Agents are used but backups and restores can continue normally. New features will be disabled until the Agent has been upgraded to the same version as the Backup Exec server.

2. Backup Exec 12.5 can be used in a rolling upgrade configuration with older Agent versions during the upgrade process. A warning message will be displayed in the job log when older Agents are used but backups and restores can continue normally. New features will be disabled until the Agent has been upgraded to the same version as the Backup Exec server.

Previous Backup Exec Versions that Can Be Temporarily Managed with Backup Exec 2010 Central Admin Server Option (CASO)

Product Name	Qualified Version	Notes
Backup Exec for Windows Servers	12.5	[1]
Backup Exec for Windows Servers	12 SP1	[2]

1. Backup Exec 2010 Central Administration Option (CASO) can be used in a rolling upgrade configuration to manage older Backup Exec server versions during the upgrade process. A warning message will be displayed when managing older versions and some features are disabled, however existing backup and restores jobs can continue normally. New features will be disabled until the older version of the Backup Exec server has been upgraded to the same version as the Backup Exec CASO server.

2. Backup Exec 12.5 Central Administration Option (CASO) can be used in a rolling upgrade configuration to manage older Backup Exec server versions during the upgrade process. A warning message will be displayed when managing older versions and some features are disabled, however existing backup and restores jobs can continue normally. New features will be disabled until the older version of the Backup Exec server has been upgraded to the same version as the Backup Exec CASO server.

Pure Disk Deduplication Option (PDDO)

Backup Exec 2010 uses Symantec's OpenStorage technology, which allows intelligent disk devices to integrate with Backup Exec. A Symantec PureDisk appliance can be used as a backup device. Please refer to the Backup Exec Hardware Compatibility List for details on supported arrays with PureDisk. (<http://seer.entsupport.symantec.com/docs/329256.htm>) The supported versions of Pure Disk are listed below.

PDDO

Product Name	Qualified version
Symantec PureDisk	6.6

Symantec Backup Exec 2010 Continuous Protection Server

Note: Hyper-V is not supported with CPS.

Note: No cluster support with CPS.

Listed below are the available operating systems and platforms specifically tested by Symantec to be compatible with Backup Exec™ 2010 for Windows Systems Continuous Protection Server.

Symantec provides reasonable efforts to qualify Backup Exec with as many different operating systems, service packs, hardware platforms, database application service packs, and other applications as possible. However, due to the number of combinations, it is not possible to test all combinations for compatibility. If a particular service pack or version is not listed as specifically tested by Symantec, it may work fine, but has not been explicitly tested by Symantec with Backup Exec.

If a particular platform is not currently listed as being supported, a request for additions to this list can be made through the Symantec Product Enhancement Web site: <http://enhancement.symantec.com/> Support is conditional according to the notes corresponding to the individual platform. See the Notes Reference section for details.

Continuous Protection Server (CPS\CMS)

Provides primary control of the Continuous Protection Server processes. The CMS maintains a database with all the command and control information, and configures the Protection Agents according to configuration settings sent from the Administration Console.

Symantec will cooperate with 3rd party vendors, and attempt to assist in the diagnosis of problems found between the 3rd party and Symantec products. Symantec Technical Support on the combination of Symantec and 3rd party products listed in this document is conditional on the 3rd party product being supported by the original manufacturer or vendor. If the original vendor has ceased providing support for a version of their product, Symantec also will no longer be able to provide support on that product in combination with our products.

Operating System Compatibility

Operating System	Platform	OS Version
Microsoft Windows	X86/X64	Microsoft Windows Server 2003 family (including R2) (excluding Data Center) with Service Pack 1 or Service Pack 2
Microsoft Windows	X86/X64	Microsoft Windows Server 2003, Small Business Server with Service Pack 1, R2, or Service Pack 2
Microsoft Windows	X86/X64	Microsoft Windows Storage Server 2003 with Service Pack 1, R2 or Service Pack 2
Microsoft Windows	X86-32bit/X64-64bit	Microsoft Windows Server 2008 family (including R2) excluding CORE

Continuous Protection Agent (CPA)

The Continuous Protection Agent is the software agent component of Backup Exec Continuous Protection Server that is deployed on the Business Server or Windows file server you wish to protect **Please Note: The following Windows versions are also supported as VMWare guest operating systems as well as Microsoft Virtual Server guest operating systems.**

Operating System Compatibility

Operating System	Platform	OS Version	Notes
Microsoft Windows	X86-32bit	Microsoft Windows 2000 Server with Service Pack 4	[1]
Microsoft Windows	X86-32bit	Microsoft Windows Server 2000 Advanced with Service Pack 4	[2]
Microsoft Windows	X86-32bit/X64-64bit	Microsoft Windows Server 2003 family (including R2) (excluding Data Center) with Service Pack 1 or Service Pack 2	[3]
Microsoft Windows	X86-32bit/X64-64bit	Microsoft Windows Server 2008 family including CORE	[4]

1. Backup Exec Continuous Protection Server is compatible with Backup Exec 2010. Backup Exec 2010 includes specific support for protecting Continuous Protection Server databases, snapshots, and the live replica data. It is also recommended that both the Backup Exec Agent for Windows Systems (AWS) be upgraded to version 2010 if the system will be protected by a Continuous Protection Agent (CPA). If an older version of AWS is detected on a system during the installation of a CPA, an upgrade prompt will be displayed on screen to upgrade the AWS version to 2010

2. Backup Exec Continuous Protection Server is compatible with Backup Exec 2010. Backup Exec 2010 includes specific support for protecting Continuous Protection Server databases, snapshots, and the live replica data. It is also recommended that both the Backup Exec Agent for Windows Systems (AWS) be upgraded to version 12.5 if the system will be protected by a Continuous Protection Agent (CPA). If an older version of RAWs is detected on a system during the installation of a CPA, an upgrade prompt will be displayed on screen to upgrade the RAWs version to 12.5

3. Backup Exec Continuous Protection Server is compatible with Backup Exec 2010. Backup Exec 2010 includes specific support for protecting Continuous Protection Server databases, snapshots, and the live replica data. It is also recommended that both the Backup Exec Agent for Windows Systems (AWS) be upgraded to version 2010 if the system will be protected by a Continuous Protection Agent (CPA). If an older version of RAWs is detected on a system during the installation of a CPA, an upgrade prompt will be displayed on screen to upgrade the RAWs version to 2010

4. Backup Exec Continuous Protection Server is compatible with Backup Exec for Windows Servers 12.5. Backup Exec for Windows Servers 12.5 includes specific support for protecting Continuous Protection Server databases, snapshots, and the live replica data. It is also recommended that both the Backup Exec Agent for Windows Servers (AWS) be upgraded to version 12.5 if the system will be protected by a Continuous Protection Agent (CPA). If an older version of RAWs is detected on a system during the installation of a CPA, an upgrade prompt will be displayed on screen to upgrade the RAWs version to 12.5

Continuous Protection Server Administration Console

The Continuous Protection Server Administration Console is used to control all aspects of Continuous Protection Server, including creating backup and restore jobs, snapshot schedules, monitoring jobs, and responding to alerts.

Operating System Compatibility

Operating System	Platform	OS Version
Microsoft Windows	X86-32bit	Microsoft Windows 2000 Server with Service Pack 4
Microsoft Windows	X86-32bit	Microsoft Windows Server 2000 Advanced with Service Pack 4
Microsoft Windows	X86-32bit/X64-64bit	Microsoft Windows Server 2003 family (including R2) (excluding Data Center) with Service Pack 1 or Service Pack 2
Microsoft Windows	X86-32bit/X64-64bit	Microsoft Windows Server 2008 family excluding CORE
Microsoft Windows	X86-32bit/X64-64bit	Microsoft Windows Vista with Service Pack 1
Microsoft Windows	X86-32bit/X64-64bit	Microsoft Windows XP Professional Service Pack 1 or later

Backup Exec Retrieve (End-User Web Restore Console)

The Backup Exec Retrieve (End-User Web Restore Console) interface allows end-user retrieval of files to their workstations without administrator assistance. Only a web browser is required to access this console. Please see the compatibility chart directly below for a list of compatible web browsers.

Operating System Compatibility

Operating System	Platform	OS Version
Microsoft Windows	X86-32bit	Microsoft Windows 2000 Professional with Service Pack 4
Microsoft Windows	X86-32bit	Microsoft Windows Server 2000 Server with Service Pack 4
Microsoft Windows	X86-32bit/X64-64bit	Microsoft Windows 2000 Server Advanced with Service Pack 4
Microsoft Windows	X86-32bit/X64-64bit	Microsoft Windows Server 2003 family (excluding R2 and Data Center) with Service Pack 1
Microsoft Windows	X86-32bit/X64-64bit	Microsoft Windows Server 2008 family excluding CORE

Operating System Compatibility

Operating System	Platform	OS Version
Microsoft Windows	X86-32bit/X64-64bit	Microsoft Windows Vista with Service Pack 1
Microsoft Windows	X86-32bit/X64-64bit	Microsoft Windows XP Professional Service Pack 1 or later

Backup Exec Retrieve (End-User Web Restore Console) Browser Compatibility

Backup Exec Retrieve (End-User Web Restore Console) was tested with Internet Explorer versions 7.x and 8.x. It may also work with other internet browsers such as Firefox, Netscape, etc. However, these browsers have not been specifically tested for compatibility with Backup Exec Retrieve. Screen layouts may vary and affect performance with non-Internet Explorer browsers and are not currently supported.

Windows Database Compatibility

Windows Database Compatibility

Vendor	Product	Version	Notes
Microsoft	Exchange	2003	[1]
Microsoft	Exchange	2007	[1]
Microsoft	Exchange	2010	[2]
Microsoft	Express	2005	[3]
Microsoft	Express	2008	[3]
Microsoft	SQL	2000	[3]
Microsoft	SQL	2005	[3]
Microsoft	SQL	2008	[3]

1. The Continuous Protection Server (version 12.5 or higher) can be used with Backup Exec 12.5's Exchange Agent to backup Microsoft Exchange databases . Refer to the Backup Exec Administrator's Guide for additional information on continuously protecting Exchange Databases with the Backup Exec 12.5 Exchange Agent.

2. The Continuous Protection Server (version 2010 or higher) can be used with Backup Exec 2010's Exchange Agent to backup Microsoft Exchange databases . Refer

to the Backup Exec Administrator's Guide for additional information on continuously protecting Exchange Databases with the Backup Exec 2010 Exchange Agent.

3. The Continuous Protection Server (version 12.5 or higher) can be used to backup Microsoft SQL Server databases. Microsoft SQL Server 2000, 2005 and 2008 are supported by the Continuous Protection Server. For more detail on using CPS to protect SQL Server databases, refer to the white paper at http://www4.symantec.com/Vrt/offer?a_id=36491 >

Symantec Products Compatibility

Symantec Products Compatibility

Product	Version	Notes
Symantec Anti-Virus	9.0.4	[1]
Symantec Anti-Virus	10.2	[1]
Symantec EndPoint Protection	11	[1]
Veritas Replication Exec	3.1	[2]
Veritas Storage Exec	5.3	N/A

1. When running on Windows Server 2003, the Protection Agent of CPS 12.5 is incompatible with email scanning features of some versions of Symantec (Norton) Antivirus software. Before installing the Continuous Protection Agent of CPS 12.5, verify that you have Symantec 9.0.4 Upgrade (or newer). See also the following TechNote: <http://support.symantec.com/docs/271374> >

2. Backup Exec Continuous Protection Server is not compatible on the same system with Replication Exec 3.1 or earlier. However, Replication Exec customers using version 3.1 or higher can migrate to Continuous Protection Server.

Clustering Product Compatibility

Clustering Product Compatibility

Vendor	Product	Version	Notes
Microsoft	MSCS	Windows 2000 Advanced and DataCenter	[1]
Microsoft	MSCS	Windows 2003 Enterprise and DataCenter	[1]
Microsoft	MSCS	Windows 2008 Enterprise and DataCenter	[1]
Symantec	SFWHA (VCS)	4.x	[1]

1. Backup Exec Continuous Protection Server is not currently cluster aware using either MSCS from Microsoft or SFWHA (VCS) from Symantec. Continuous Protection Server and the Continuous Protection Agent will only view the server as a normal un-clustered standalone server. If the Continuous Protection Server or Continuous Protection Agent is installed on a clustered system it will not correctly failover as normal clustered application. Any currently running jobs will not automatically re-start on the failover node during a failover.

Backup Exec Infrastructure Manager Server Supportability

Note: The Symantec Platform includes the Symantec Management Console, Database, Notification Server and Backup Exec Infrastructure Manager components.

Note: A service pack for the Backup Exec Infrastructure Manager 12.5 product that will add support for Backup Exec 2010 will be made available prior to June 2010.

Symantec Management Platform Requirements for the Backup Exec Infrastructure Manager Server

Product Name	Qualified Version	Service Pack	OS Platform	Notes
Windows Sever 2003			x86-32bit	
Windows Sever 2003		SP1	x86-32bit	
Windows Sever 2003		SP2	x86-32bit	
Windows Sever 2003		R2	x86-32bit	
Windows Sever 2003		R2-SP1	x86-32bit	
SQL Server 2005			x86-32bit	
SQL Server 2005		SP1	x86-32bit	
SQL Server 2005		SP2	x86-32bit	
SQL Server 2005	Express		x86-32bit	
SQL Server 2005	Express	SP1	x86-32bit	
SQL Server 2005	Express	SP2	x86-32bit	
SQL Server 2005	Express	SP3	x86-32bit	

Supported Backup Exec Media Server Versions

Product Name	Qualified Version	Service Pack	OS Platform	Notes
Backup Exec	9.1		x86-32bit	[1] [2]
Backup Exec	10.0		x86-32bit	[1] [2]
Backup Exec	10d		x86-32bit	[1] [2]
Backup Exec	11d		x86-32bit	[2]
Backup Exec	12		x86-32bit	[2]
Backup Exec	12		x86-64bit	[2]
Backup Exec	12.5		x86-32bit	
Backup Exec	12.5		x86-64bit	

1. Backup Exec requires a multi-stage upgrade process to upgrade from this version of Backup Exec to the latest version.

2. This version of Backup Exec cannot be patched by Backup Exec Infrastructure Manager and must be upgraded to version 12.5 before patches and updates can be deployed to it.

Backup Exec Agent and Option Support

Agent Name	Qualified Version	Service Pack	OS Platform	Notes
Agent for Windows Systems			x86-32bit/x86-64bit	
Remote Agent for Linux and Unix Servers			x86-32bit/x86-64bit	
Remote Media Agent for Linux Servers			x86-32bit/x86-64bit	
Agent for NetWare Systems			x86-32bit/x86-64bit	[1]
Remote Agent for Macintosh Servers			x86-32bit/x86-64bit	
Agent for Microsoft Virtual Servers			x86-32bit/x86-64bit	
Agent for VMwareVirtual Infrastructure			x86-32bit/x86-64bit	
Agent for SQL Server			x86-32bit/x86-64bit	
Agent for SharePoint Server			x86-32bit/x86-64bit	
Agent for Exchange Server			x86-32bit/x86-64bit	

Backup Exec Agent and Option Support

Agent Name	Qualified Version	Service Pack	OS Platform	Notes
Agent for DB2 Server			x86-32bit/x86-64bit	
Agent for Lotus Domino/Notes			x86-32bit	
Agent for Lotus Domino/Notes			x86-64bit	
Agent for Oracle			x86-32bit/x86-64bit	
Agent for SAP			x86-32bit/x86-64bit	
Desktop and Laptop Agent (DLO)			x86-32bit/x86-64bit	[2]
Continuous Protection Server (CPS)			x86-32bit/x86-64bit	[3]
Backup Exec System Recovery (BESR)			x86-32bit/x86-64bit	[4]

1. NetWare is not an officially supported platform by the Symantec Management Platform. Only basic inventory, license, and backup status information will be available on Agent for NetWare Systems. No other BEIM features are available on these systems.

2. DLO is not officially supported by Backup Exec Infrastructure Manager. No other BEIM features are available on these systems.

3. CPS is not officially supported by Backup Exec Infrastructure Manager. No other BEIM features are available on these systems.

4. Only basic inventory, license, and version status information will be available on systems with Backup Exec System Recovery installed. No other BEIM features are available on these systems.

Desktop Agent Support

Product Name	Qualified Version	Service Pack	OS Platform	Notes
Windows XP		SP1	x86-32bit	[1]
Windows XP		SP1	x86-64bit	[1]
Windows XP		SP2	x86-32bit	[1]
Windows XP		SP3	x86-32bit	[1]
Windows Vista			x86-32bit	[1]
Windows Vista			x86-64bit	[1]
Windows Vista		SP1	x86-32bit	[1]

Desktop Agent Support

Product Name	Qualified Version	Service Pack	OS Platform	Notes
Windows Vista		SP1	x86-64bit	[1]
Windows 7			x86-32bit	[1]
Windows 7			x86-64bit	[1]
Windows 2000	Professional	SP4	x86-32bit	[1]

1. Supported when using the Backup Exec Agent for Windows Systems only. The Desktop and Laptop Option is not supported with Backup Exec Infrastructure Manager.

Server Agent Support

Product Name	Qualified Version	Service Pack	OS Platform	Notes
Windows 2000		SP4	x86-32bit	
Windows 2003			x86-32bit	
Windows 2003			x86-64bit	
Windows 2003		SP1	x86-32bit	
Windows 2003		SP1	x86-64bit	
Windows 2003		SP2	x86-32bit	
Windows 2003		R2	x86-32bit	
Windows 2003		R2-SP1	x86-32bit	
Windows 2008		SP1	x86-32bit	[1]
Windows 2008		SP1	x86-64bit	
Windows 2008		SP2	x86-32bit	[1]
Windows 2008		SP2	x86-64bit	

1. It should be noted that core agents running on x64 platforms currently only support running in WOW64 (32bit emulation mode). This limits the core agent to seeing only those files and registry entries in the 32bit environment.

Linux Support

Product Name	Qualified Version	Service Pack	OS Platform	Notes
Red Hat Enterprise Linux	4.0 (WS) (x86-64bit)		x86-32bit	
Red Hat Enterprise Linux	4.0 (ES) (x86-64bit)		x86-64bit	
Red Hat Enterprise Linux	4.0 (AS) (x86-64bit)		x86-64bit	
Red Hat Enterprise Linux	5.0 (x86-64bit)		x86-64bit	
Red Hat Enterprise Linux	5.0 Server (x86-64bit)		x86-64bit	
Novell SUSE Linux Enterprise Server	11 (x86-64bit)		x86-64bit	
Novell SUSE Linux Enterprise Server	10 (AS) (x86-64bit)		x86-64bit	
Novell SUSE Linux Enterprise Server	Desktop 10		x86-64bit	

MAC Support

Product Name	Qualified Version	Service Pack	OS Platform	Notes
Mac OS X	10.4		x86-64bit	
Mac OS X	10.5		x86-64bit	

UNIX Support

Product Name	Qualified Version	Service Pack	OS Platform	Notes
Sun Solaris	9		Sparc	
Sun Solaris	10		x86-64bit	
Sun Solaris	10		Sparc	

Backup Exec Archiving Option

Note: 1. Archive Option cannot be installed on Windows XP.

Note: 2. Exchange Archive Option cannot be installed on the Windows Small Business Server or on the Exchange Server.

Note:3. Exchange mailbox archiving can be done from Exchange 2003 Or Exchange 2007 servers. Archiving from an Exchange 2010 server is not currently supported.

Note:4. Archiving cannot be done using backups done using Virtual Agents (Microsoft Hyper-V and Virtual Server Agents and Agent for VMware Virtual Infrastructure.

Note:5. File System Archiving cannot be done from the Windows 2008 R1 cluster shares. Windows 2008 R2 allows file system archiving from the cluster shares.

Support End-of-Life (EOL)

EOL Notice: These operating systems, and third-party software applications are no longer officially supported for use with this version of Backup Exec for Windows.

Microsoft Database Agents

Product Name	Version	Service Pack	OS Platform	Notes
SQL Server	7.0		x86-32bit	
Exchange	2000		x86-32bit	
SharePoint Portal Server	2001		x86-32bit	

Oracle Database Agents

Product Name	Version	Service Pack	OS Platform	Notes
Oracle Database	8i		x86-32bit	
SAP on Oracle Database	8i		x86-64bit	

Agent for VMware Virtual Infrastructure

Product Name	Version	Service Pack	OS Platform	Notes
ESX	2.0		x86-32bit	

Agent for Microsoft Virtual Servers

Product Name	Version	Service Pack	OS Platform	Notes
Virtual Server 2005	Enterprise Edition		x86-32bit	
Virtual Server 2005	Enterprise Edition		x86-64bit	

Remote Agent for Macintosh Servers

Product Name	Version	Service Pack	OS Platform	Notes
Mac OS X	10.3		POWER	
Mac OS X	10.4		POWER	

Remote Agent for Linux and UNIX Servers (RALUS)

Product Name	Version	Service Pack	OS Platform	Notes
Red Hat Enterprise Linux	3.0 (AS)		x86-64bit	[1]
Red Hat Enterprise Linux	3.0 (ES)		x86-64bit	[1]
Red Hat Enterprise Linux	3.0 (WS)		x86-64bit	[1]
Asianux Consortium	1.0		x86-32bit	
HP-UX	11.11		PA-RISC	
HP-UX	11.23		PA-RISC	
HP-UX	11.31		PA-RISC	
Novell SUSE Linux Enterprise Server	9		x86-32bit	[2]
Novell SUSE Linux Enterprise Server	9		x86-64bit	[2]
IBM AIX	5.2		POWER	
IBM AIX	5.3		POWER	

1. This includes all versions of Red Hat Enterprise Linux 3.0 running on x86-32 and x86-64bit platforms.

2. This includes Novell Open Enterprise Server (OES) 1.0 support.

Backup Exec Media Server Support

Product Name	Version	Service Pack	OS Platform	Notes
Windows 2000	Datacenter Server		x86-32bit	[1]
Windows 2000	Advanced Server		x86-32bit	[1]
Windows 2000	Advanced Server		x86-64bit	[1]
Windows 2000	Professional		x86-32bit	[1]
Windows 2000	Professional		x86-64bit	[1]
Windows 2000	Server		x86-32bit	[1]
Windows 2000	Server		x86-64bit	[1]
Windows Small Business Server 2000	Standard		x86-32bit	[1]
Windows Small Business Server 2000	Standard		x86-64bit	[1]

1. Remote Agent for Windows Servers (RAWS) will still be supported.

Backup Exec Database Repository

Product Name	Version	Service Pack	OS Platform	Notes
SQL Server	2000		x86-32bit	