

Symantec Backup Exec™ System Recovery (formerly Symantec LiveState™ Recovery)

Restore systems anytime, from anywhere, to virtually any device

Overview

Symantec Backup Exec System Recovery (formerly LiveState Recovery) combines the speed and reliability of disk-based, bare-metal Windows® system recovery with revolutionary technologies for hardware-independent restoration and lights-out operation. The result is unparalleled freedom to restore systems anytime, from anywhere, to virtually any device.

Benefits

Reduces recovery time and costs

- Restore Anyware™ capability allows you to rapidly recover entire systems to dissimilar hardware platforms. It even lets you restore recovery points to virtual environments in VMWare.
- Bare-metal restorations can be performed in minutes.
- You no longer need to reinstall and reconfigure operating systems, applications, system settings, and preferences.

Eliminates the need for onsite support

- LightsOut Restore capability enables the recovery of systems in remote or inaccessible locations.

Ensures high performance and interoperability

- Network bandwidth throttling reduces network traffic when systems are creating a recovery point to a network storage device.
- Support for Microsoft® Active Directory® allows a restored domain controller image to be re-synchronized with other controllers in the domain.

- Automatic generation of SNMP traps enables administrators to use existing network management consoles to report on the status of recovery points.
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Features

Powerful Windows® system recovery

(Server Edition, Desktop Edition, and Windows Small Business Server Edition)

- Captures a system's entire live state including all files, applications, operating systems, and settings in one easy-to-manage file, without disrupting user productivity or application usage.
- Lets you perform a full system restoration or a complete bare-metal recovery in minutes.
- Performance throttling improves performance on desktops and servers to utilize resources more effectively while capturing a recovery point.
- Network bandwidth throttling enables administrators to generate recovery points to network locations without overloading the network.
- Microsoft VSS integration automatically sets databases that are VSS-aware into the "quiet" state so that recovery points can be captured without taking the databases offline.
- Save recovery points to virtually any disk storage device, including direct attached storage, NAS, SAN, USB drive, FireWire drive, CD, DVD, and so on.
- Scheduled recovery points help ensure systems are enabled for quick recovery while allowing administrators to focus their attention on other tasks.



Data Sheet: Backup and Recovery

Symantec Backup Exec System Recovery

- Incremental scheduling saves time and reduces disk storage requirements by capturing only the changes that were made since the last recovery point.
- Event-driven recovery point automatically creates a recovery point when an event (such as application installation, user logon or logout, or specified change in megabytes of storage) occurs that could threaten a system's stability.
- Symantec Recovery Disk auto-detects hardware and loads the appropriate drivers to boot the system, eliminating the need to manually build recovery floppy disks.
- Interactive remote recovery lets you remotely restore servers and desktops through the embedded Symantec pcAnywhere™ host technology and the included Symantec Recovery Disk.*
- Symantec Recovery Disk is PXE compatible and can be loaded remotely even in the event of complete system corruption providing additional options for remote bare metal restorations. This may require additional professional services.

Flexible restoration options

(Restore Anyware capabilities)

- Dissimilar hardware restoration (including different storage controllers and hardware abstraction layers) reduces recovery times and saves significant hardware investments.
- Combines hot imaging with the ability to restore to different hardware platforms on the fly.

**A full license of Symantec pcAnywhere is required to perform the remote recovery function.*

- Allows users to migrate their system to a new computer without requiring a new installation. This is useful for upgrading hardware and for repurposing systems to serve a different role.
- Convert system recovery images into VMWare virtual machines and vice versa, giving you greater flexibility in managing recovery environments. This capability also allows you to test patches, application installations, and the like in the virtual environment before applying them to live systems.

Easy remote recovery

(LightsOut Restore capabilities)

- Eliminates the need for in-person visits to perform a full bare metal recovery by booting the system from its out-of-band controller.
- Symantec Recovery Disk is placed on the system hard drive, eliminating the need to access it from the CD.
- Allows manual addition of drivers directly to the Symantec Recovery Disk files located in the boot volume subdirectory.

Available products

Products in the Symantec Backup Exec System Recovery family are the following:

- Symantec Backup Exec System Recovery Server Edition
- Symantec Backup Exec System Recovery Desktop Edition
- Symantec Backup Exec System Recovery Windows Small Business Server Edition



System requirements

Backup Exec System Recovery

Supported operating systems

Windows operating system	Console	Agent
Windows Server™ 2003 ¹	X	X
Windows Small Business Server 2003 ²	X	X
2000 Advanced Server (SP4 or greater)	X	X
2000 Server (SP4 or greater)	X	X
2000 Professional (SP4 or greater) ²	X	X
Windows Small Business Server 2000 (SP1 or greater) ²	X	X
XP Professional (SP1 or greater) ²	X	X

¹ Imaging Microsoft Exchange requires Windows Server 2003 SP1 or greater.

² XP Professional and 2000 Professional are the supported OSes for the Desktop Edition, and Small Business Server 2003 and Small Business Server 2000 are the supported OSes for the Small Business Server Edition.

Processor

- 233 MHz or greater, or as required by the operating system

RAM requirements for all platforms

- Agent/Client: 256 MB required; 384 MB recommended
- Recovery environment: 256 MB required (may not run on shared video memory systems); 384 MB recommended
- Restore Anywhere capability: 512 MB total RAM required
- LightsOut Restore capability: 1 GB total RAM required

Disk requirements

- Server agent: 90 MB available hard disk space
- Console: 200 MB available hard disk space
- Recovery Point Browser: 40 MB available hard disk space
- Desktop: 235 MB available hard disk space
- Restore Anywhere capability: 5 MB available hard disk space

- LightsOut Restore capability: 525 MB available hard disk space

More information

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