



SonicWALL

CDP Universal System Recovery for server and workstation

Universal system recovery for IT Infrastructure

Each minute of downtime in today's business environment is money wasted. Whether an entire network, a single server or a workstation is lost, the Recovery Time Objective (RTO) always needs to be immediate. During a serious business disruption, when minimizing downtime is crucial for retaining customer satisfaction and service levels, administrators cannot afford taking the time to acquire, rebuild or configure matching systems. In order to rapidly get needed businesses systems back up and running, administrators need to be able to easily recover an entire computer disk image to any other available machine that is on hand.

Dell® SonicWALL® Continuous Data Protection (CDP) Universal System Recovery for Server or Workstation software combines industry-leading Bare Metal Recovery (BMR) with Universal Restore¹ capabilities to recover entire workstation and/or server systems to identical or dissimilar platforms. When deployed in combination with a Dell SonicWALL CDP appliance and the Dell SonicWALL CDP Offsite Data Backup Service, Dell SonicWALL Universal System Recovery delivers an easy-to-use comprehensive multi-level disaster recovery solution.



- Simple, fast recovery of whole systems or individual files
- Universal restoration to identical or dissimilar platforms
- Fast migration options
- Integration with CDP
- Comprehensive driver support
- Bootable rescue media
- Exact images of entire drives or any set of partitions
- Unique open-file snapshot technology
- Individual file and folder restoration
- Sector-by-sector "raw image" capability
- VSS Snapshot Service
- Flexibly mountable BMR images
- Support for BartPE and WinPE

¹ Dell SonicWALL CDP Universal System Recovery has been specifically optimized in an OEM arrangement with leading software vendor Acronis.

Features and benefits

Simple, fast recovery of whole systems or individual files restores an entire PC or server, including the operating system, applications and user settings without having to relocate and reinstall any original software.

Universal restoration to identical or dissimilar platforms allows IT to restore a disk image to readily available hardware, in either physical or virtual environments, reducing costs by requiring fewer hot spares.

Fast migration options offer complete physical-virtual, virtual-physical, physical-physical, or virtual-virtual migrations for system recovery, testing and other purposes.

Integration with CDP lets you create, transmit and store a complete system image directly on to the CDP Appliance by enabling the Dell SonicWALL CDP appliance as an FTP server to allow read/write operations and then using the Dell SonicWALL CDP System Recovery Tool wizard. Image recovery can be done directly from the CDP appliance to the restored system.

Comprehensive driver support helps ensure that the bootable rescue media supports new hardware and legacy systems alike.

Bootable rescue media created on CD or USB flash key eliminates the need to locate additional CDs and floppies and contains everything required to begin restoration of the system.

Exact images of entire drives or any set of partitions avoids the time-consuming task of locating application CDs and registration codes to reinstall programs.

Unique open-file snapshot technology renders an exact image without shutting down a system, closing most applications or interrupting operations.

Individual file and folder restoration ensures there is no need to restore the whole partition or disk, and non-system partitions can be restored without a reboot.

Sector-by-sector "raw image" capability allows imaging and restoration of not only sectors with data, but also sectors that are free, whether or not they are directly supported by Dell SonicWALL CDP Universal System Recovery or corrupted.

VSS Snapshot Service safely suspends all application and cache activity during data capture, ensuring reliable backup of dynamic database applications such as Microsoft® Exchange, SQL® and Oracle®.

Flexibly mountable BMR images can be mounted in read-only mode or to a file system as a virtual drive, permitting users to open, create, save, copy, move, and delete backed up files or folders.

Support for BartPE and WinPE enables booting of servers and workstations via network PXE, CD-ROM, DVD or USB drive.

How it works

Dell SonicWALL CDP Universal System Recovery is a separate software tool that creates a disk image backup of operating systems, applications and configuration files, software updates, personal settings and other data.

To use CDP Dell SonicWALL Universal System Recovery with the CDP appliance, you use the Web Management Interface to create a user account on the appliance with the desired quota, launch the Universal System Recovery application, and save the image to the CDP appliance. Disk imaging includes partition files and folders (independent of their attributes), boot record, file allocation table (FAT)

and the Master Boot Record (MBR), which is used by the BIOS to load the OS into memory.

Automatic Dell SonicWALL CDP Universal System Recovery disk image creation means files and folders do not have to be earmarked for backup. Universal System Recovery streamlines backup and recovery by only storing hard disk parts that contain data. You can directly backup Dell SonicWALL CDP Universal System Recovery images to the CDP appliance with FTP, or to local hard disks, CD-R/RW, DVD+R/RW, DVD-RW, or removable media such as FireWire (IEEE-1394) and USB (1.0, 1.1, and 2.0) devices.

Once created, the image can later be transferred to any other media. Lost data from the disk image can be retrieved at any time. Additionally, the disk image can be accessed as a virtual drive for browsing and extracting files.

Capabilities

	Server	Workstation
System protection		
Disk imaging	●	●
Incremental backups	●	●
Backup/restore commands, (pre/post commands)	●	●
Validate backup archive	●	●
Compression		
Create bootable media	●	●
Create bootable media using BartPE plug-in	●	●
Create bootable media using WinPE	●	●
FD	●	●
CD/DVD	●	●
ISO	●	●
RIS (PXE)	●	●
Bare metal restore of servers	●	●
Acronis® Universal Restore™ (restore to different hardware) pre-installed	●	●
Validate archive before restoring	●	●
Set restoration priority	●	●
Restore security settings for files	●	●
Restore current date and time for restored files	●	●
File restore filter	●	●
Mount images in read/write mode	●	●
Dynamic disks support	●	●
Automatic reboot after restore option	●	●
Administration		
Image consolidation	●	●
Backup scheduling	●	●
User interface		
Wizard-driven GUI	●	●
Command-line interface	●	●
Active protection		
Hot imaging/backups	●	●
Microsoft Volume Shadow Copy Service (VSS) support	●	●
Backup archive locations		
HDD (IDE, SATA, SCSI), IEEE 1394, USB 1.0/2.0, PC Cards, CD/DVD, Network Shares, FTP	●	●
Supported file systems		
FAT16, FAT32, NTFS, Ext2/3, ReiserFS, Reiser4 (w/o resize), XFS (w/o resize), JFS, DFS	●	●
Supported platform		
Windows 2000 Professional SP4, Windows XP Professional SP2, SP3, Windows XP Professional x64 Edition, Windows Vista (all editions), Windows Win 7 (all editions)	●	●
Windows 2000 Server 2000, Windows 2000 Advanced Server, Windows Server 2003, Windows Server 2003 x64 Edition, Windows Server 2008 (all editions), Windows Server 2008 R2	●	—



Dell SonicWALL CDP Bare Metal Recovery Software

Dell SonicWALL Universal System Recovery – Server (1 License)
01-SSC-6392

Dell SonicWALL Universal System Recovery – Workstation (1 License)
01-SSC-6393

For more information on Dell SonicWALL CDP Bare Metal Recovery Software and our complete line of security offerings, please visit our web site at www.sonicwall.com.

About Acronis

Acronis is an independent global software company headquartered in Burlington, Massachusetts with affiliate offices in California, Europe and Asia.