



SonicWALL

Continuous Data Protection v.6

Preserve, replicate, archive, govern and restore data with ease

Dell® SonicWALL® Continuous Data Protection (CDP) v.6 easily and flexibly prevents data loss and downtime with continuous or scheduled point-in-time backup and one-touch restore featuring granular policy enforcement and data de-duplication.

Built from the ground up with an entirely new architecture, CDP v.6 revolutionizes the backup and recovery process. Easy to deploy, configure, manage and use with an intuitive graphical user interface, CDP transparently and automatically preserves and protects business-relevant data assets against loss from file, device, and location-based disasters. One-touch user-directed recovery cuts IT overhead while boosting user satisfaction and productivity.

CDP's unmatched flexibility offers the multiple disaster recovery options of Site-to-Site Backup, Offsite Backup, Local Archiving and Universal System Recovery. CDP can back up and recover Mac OS®, Linux®, or Windows® platforms on local or remote laptops, desktops and servers. And CDP supports Microsoft® SQL®, Exchange®, SharePoint®, Active Directory® and Small Business Server®.

With CDP's granular protection, administrators can reliably back up only business-related data. CDP also lets administrators enforce global policies and schedules, or allow users to set their own. Data de-duplication technology optimizes storage efficiency by handling more data with less disk space. Plus it optimizes bandwidth efficiency by sending less traffic over the network during backups.



- Easy to deploy, configure, manage and use
- Flexible coverage
- Multiple backup methodologies
- One-touch self-directed file restore
- Agent-based data de-duplication
- Granular layers of protection
- Granular policy enforcement
- Data management
- Multi-platform support
- Microsoft application support
- Windows Installer support
- Recovery Manager for Exchange
- Universal System Recovery
- Dell SonicWALL Global Management System

Features and benefits

Easy to deploy, configure, manage and use with transparent, automatic backups and one-touch user directed recovery, CDP reduces IT overhead while enhancing user satisfaction and productivity.

Flexible coverage includes the multiple disaster recovery options of Site-to-Site Backup, Offsite Backup, Local Archiving and Universal System Recovery for servers, desktops or laptops, including those accessing the network from remote locations.

Multiple backup methodologies offer continuous data protection or scheduled point-in-time snap shots, providing the data resiliency and disaster recovery to support flexible Recovery Point Objective (RPO) and recovery responsiveness.

One-touch self-directed file restore enables users to restore their own lost or deleted files instantly, without compromising privacy or security, thus reducing IT overhead while maximizing user satisfaction and productivity.

Agent-based data de-duplication optimizes storage efficiency by handling more data with less disk space, and enhances bandwidth efficiency by sending less traffic over the network. This lets IT drastically shorten backup windows, minimize bandwidth utilization, optimize storage, improve performance and reduce operational costs.

Granular layers of protection let administrators select and back up only business-related data and determine the number of revisions to retain, as well as define rules for governing offsite backups and archives.

Granular policy enforcement lets administrators enforce global policies and schedules, and/or enable users to set their own.

Data management delivers data retention and recovery flexibility with version control, trimming rules, offsite backup and archiving.

Multi-platform support includes Windows, Mac OS or Linux.

Microsoft® application support includes SQL®, Exchange®, SharePoint®, Active Directory® and Small Business Server® .

Windows Installer support enables administrators to install agents remotely to all devices in an Active Directory network. Once installed, agents can discover and selectively connect to any available CDP device broadcasting on the same domain, and backup can occur almost instantly.

Recovery Manager for Exchange® lets administrators search, compare and restore individual, criteria-specific items—including single messages, multiple mailboxes and public folders—from un-mounted .edb files, without setting up a dedicated recovery server.

Universal System Recovery software creates an exact image of an entire server or workstation, including operating system files, programs, databases and settings. This gives administrators a fast and easy way to recover full systems to dissimilar hardware or virtual environments.

Dell SonicWALL Global Management System (GMS®) provides organizations, distributed enterprises and service providers with a flexible, powerful and intuitive solution to centrally manage policies and report on backup activity for CDP appliances. Dell SonicWALL GMS also supports Dell SonicWALL firewalls, anti-spam and secure remote access solutions.

Disaster recovery options

CDP Site-to-Site Data Backup

automatically transmits and stores data using secure AES 256-bit encryption to another CDP appliance at a remote site. In the event the local CDP appliance is no longer viable, IT administrators can easily recover any stored revision of data through an easy-to-use web interface.

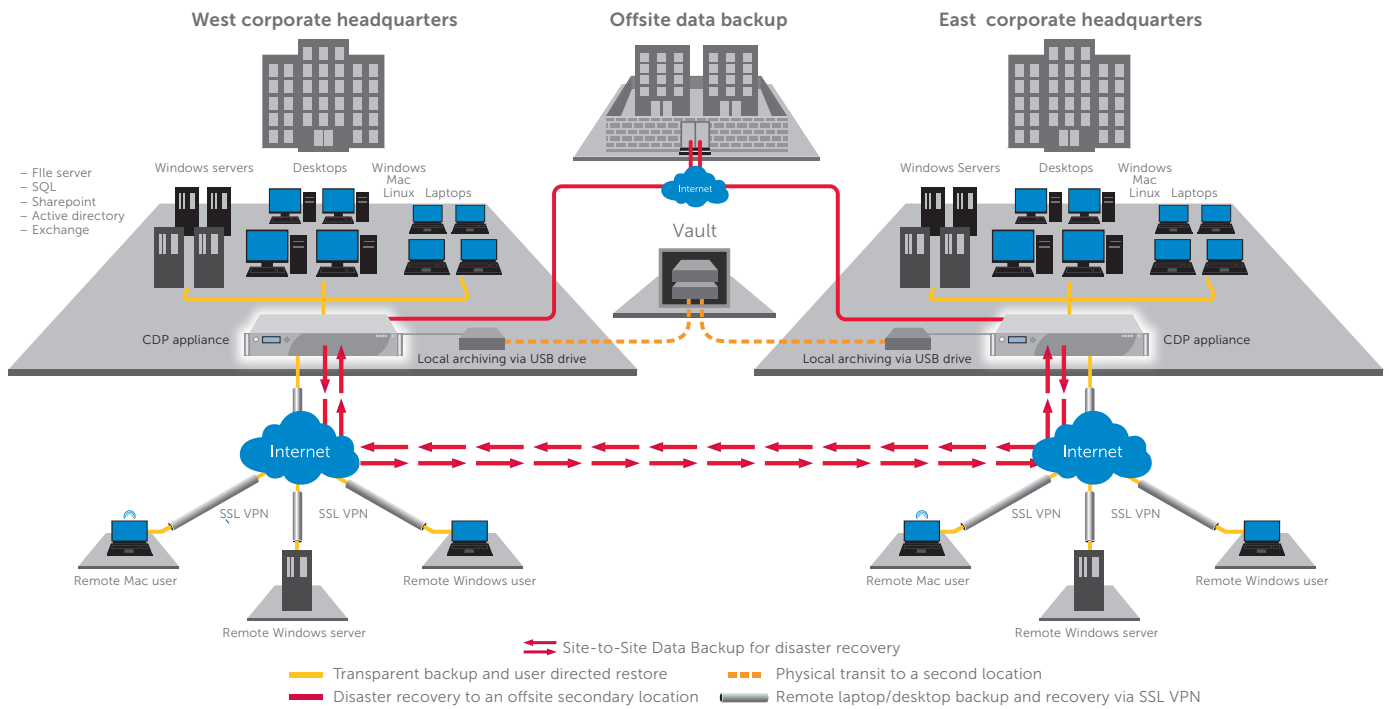
CDP Offsite Data Backup Service

automatically encrypts, transmits and stores data using AES 256-bit encryption to the Dell SonicWALL Data Backup Center. In the event the local CDP appliance is no longer viable, IT administrators can easily recover any stored revision of data through the CDP web interface.

CDP Local Archiving capability allows IT to store any stored revision of business-critical data to a USB drive. Designed to help organizations meet regulatory compliance, Local Archiving enables administrators to browse archives and restore individual files. Local archiving is available on both upstream and downstream CDP appliances.

CDP Universal System Recovery applies Dell SonicWALL Bare Metal Recovery (BMR) software to create an exact image of an entire Windows server or workstation including the operating system files, programs, databases and settings. Universal System Recovery wizard-driven interface enables IT administrators to

quickly recover an entire system to dissimilar physical or virtual hardware easily, regardless of make, model or installed components.



Complete end-to-end backup and recovery



The **Dell SonicWALL Continuous Data Protection (CDP) 210** is ideal for small, remote or branch offices requiring flexible disaster recovery for workstations with a usable capacity of up to 1.7 TB*.



The **Dell SonicWALL Continuous Data Protection (CDP) 220** is ideal for small, remote or branch offices and distributed environments requiring flexible disaster recovery for multiple workstations and servers with a usable capacity of up to 3.4 TB*.



The **Dell SonicWALL Continuous Data Protection (CDP) 5040B** is ideal for small-to-medium sized organizations demanding high capacity and flexible disaster recovery for multiple workstations and multiple server applications with RAID 5 and a usable capacity of up to 10 TB*. The CDP 5040B is designed as an upstream unit in a site-to-site data backup environment.



The **Dell SonicWALL Continuous Data Protection (CDP) 6080B** is ideal for larger organizations with multiple workstations and server applications, with a usable capacity of up to 20 TB*, flexible disaster recovery options, RAID 5, and replaceable drives and power supplies. The CDP 6080B is a perfect upstream unit to backup multiple CDP appliances in a site-to-site data backup environment.

Key components

CDP appliance operates as a dedicated disk-based backup and disaster recovery appliance, enables all CDP features and functions, including storage, file and application versioning, and offsite encryption and transmission. The Dell SonicWALL CDP appliance is configured and administered via the web management interface.

Web management interface provides the system administrator with the ability to create, manage and enforce administrative-level global policies and tasks for agents connected to a Dell SonicWALL CDP appliance. It also provides initial network configuration, system settings, agent and offsite management, diagnostics, logging, reporting, and error handling, and allows for a full purge of data from the appliance.

Agent software provides individual users and system administrators the ability to configure, create and apply local backup policies, view backup status and recover lost data. With administrative authorization, a user can log in as an administrator to perform data recovery.

Recovery Manager for Exchange (RME) allows individual, message-level items to be restored from regular un-mounted .edb information store files without setting up a dedicated recovery server. It rapidly searches backups and databases for messages based on specified criteria, so it can easily recover from an accidental deletion or perform email discovery. Administrators can recover multiple mailboxes, single messages, public folders and more—all from a single interface. Administrators also can compare source and target folders for differences.

Universal System Recovery protects servers and workstations, their operating systems, and applications such as Exchange, SQL, SharePoint, Active Directory and Domain Controller Server®, as well as configuration settings and preferences. In case of a disaster, this enables administrators to quickly recover a complete system to dissimilar physical or virtual environments regardless of make, model, or installed components without having to rebuild a new system from the ground up.

*Estimated capacity is calculated based on a typical 2:1 compression.

Features

Deployment

- All-in-one backup and recovery appliance for quick installation
- Pre-configured for onsite and offsite backup
- Support Windows Installer for remote agent installation

Backup

- Continuous Data Protection (CDP)
- Volume Shadow Copy Service (Snapshot)
- New highly efficient fileset backup methodology
- Global policy-enforced backup automation
- Chronological data versioning
- Agent-based data de-duplication
- Intelligent application auto-discovery
- Simple "click 'n go" application backup configuration
- Data integrity check
- Open-file support
- Advance data compression
- Multi-platform support (Windows, Mac OS and Linux)
- Server, laptop and desktop backup

Administration policy and control

- Web and agent-based management interface
- Global management using Dell SonicWALL Global Management System
- Advanced global policy and control engine
- Backup rules (intelligent exclusion and inclusion execution)
- Centralized agent policy management
- Extensive scheduling options
- Revision control
- Revision trimming rule
- Offsite rule
- Quota provisioning
- Predefined folder path support
- Supports use of wildcards
- Bandwidth management
- Export and import settings and policy
- Alert management
- Agent upgrade management
- System and network administration
- System diagnostics
- Connectivity checks

Flexible recovery

- Revision-based restore
- User self-directed restore
- Direct restore to application server
- Restore to alternative location
- Restore on reboot
- Direct restore from offsite location (upstream CDP Appliance)

Discovery and recovery of exchange

- Live Exchange search and export
- Discovery and recovery of all Exchange or Lotus Notes content types at the item level
- Automates Exchange discovery and recovery tasks
- Multiple data source recovery – export to .pst (securable), .eml, .msg, or .txt format or to an online mailbox or public folder
- Recovery from VSS Snapshots
- Search of multiple .edb or .pst files by message type, category, folder, attachment type, message importance, message size and more
- Access reports containing details of recovery operations

Disaster recovery options

- Site-to-Dell SonicWALL Offsite Storage Services
- Site-to-site replication of local data (unidirectional, bidirectional or serial)
- Many sites-to-site replication
- System recovery with Universal Restore (P2P, P2V, V2V or V2P)
- CDP-to-USB external hard disk data archiving

Security

- AES 256-bit encryption for data in-flight and at-rest

Reporting, logging and notifications

- Comprehensive backup activity report
- Appliance and agent usage report
- Report visualization
- Agent-level detail event report
- Email reports and alerts
- Email agent inactivity report
- Appliance and agent threshold alerts
- Incomplete or failed backup alerts
- Log viewer

Server application support

- Microsoft Exchange 2000,2003, 2007 and 2010
- Individual mailbox backup support
- Microsoft SQL Server 2005 and 2008
- Microsoft SharePoint 2010
- System state and active directory

Client application support

- Microsoft Outlook 2003, 2007 and 2010

Multi-platform system support

- Windows Server 2003 and 2008 R2 (SE and EE)
- Small Business Server 2003 and 2008 R2 (Standard and Premium)
- Windows XP, Vista and Win 7 (all versions)
- Apple Mac OS X (Leopard, Snow Leopard and Server)
- Linux (Debian, SuSE, Fedora, Red Hat and Ubuntu)



CDP 6080B with 8x5 Support
01-SSC-9421



CDP 5040B with 8x5 Support
01-SSC-9420



CDP 220 with 8x5 Support
01-SSC-9419



CDP 210 with 8x5 Support
01-SSC-9418

For more information on Dell SonicWALL backup and recovery solutions, please visit www.sonicwall.com.

Security Monitoring Services from Dell SecureWorks are available for this appliance Series. For more information, visit www.dell.com/secureworks

Specifications

Appliance characteristics	CDP 210	CDP 220	CDP 5040B	CDP 6080B
Users (Recommended max) ¹	30	50	100	250
Servers (Recommended max) ¹	5	5	10	15
Microsoft Application Licenses included (Additional can be purchased) ²	0	1	3	3
File Server Agent License included (Windows, Apple and Linux) ²	1	1	1	1
Workstation Agent License included (Windows and Apple) ³	10	50	100	250
Form factor	Desktop	Desktop	1U	2U
RAID support	-	-	RAID 5	RAID 5
RAM included	512 MB	512 MB	2 GB	4 GB
Internal drives included (number of drive bay)	1	1	4	4 (8 max)
Disk drive capacity, type	1 TB SATA	2 TB SATA	2 TB SATA	2 TB SATA
Total capacity (with Expansion Disk Pack) ⁴	1 TB	2 TB	6 TB	6 TB (12 TB max) ⁴
Total usable capacity (with Expansion Disk Pack) ⁴	860 GB	1.7 TB	5 TB	5 TB (10 TB) ⁴
Total usable capacity at typical 2:1 compression	1.7 TB	3.4 TB	10 TB	10 TB (20 TB) ⁴
Network Interface	100baseT	100baseT	1 GbE	1 GbE
Hot-swappable and redundant power protection	-	-	-	Yes
Field replaceable hard drive	-	-	Yes	Yes
Support and warranty	1-year Standard Hardware Support with 90-day Dynamic Support			

¹ These are estimated values and are subject to change without notice. The maximum supported configuration can be more or less depending on your backup and network load and offsite upload.

² The licenses can be applied to the following Microsoft applications: Microsoft Exchange 2000, 2003, 2007 and 2010 (includes individual mailbox support), Microsoft SQL Server 2005 and 2008, Microsoft SharePoint 2010, Microsoft Active Directory, Microsoft Small Business Server. Additional licenses may also be purchased to the maximum limits indicated above.

³ Additional licenses may also be purchased to the maximum limits indicated.

⁴ Requires purchase of Dell SonicWALL 4 Disk Pack Upgrade Kit (01-SSC-9301).