SonicWALL Continuous Data Protection 6.0

Preserve, Replicate, Archive, Govern and Restore Data with Ease

- **Administrative policy governance**
- **Granular backup control rules**
- **Windows Installer support**
- **Multiple backup methodologies**
- **Agent-based data de-duplication**
- **SonicWALL Global Management System**
- **Recovery manager for Exchange**
- **Multi-platform support**
- **Microsoft application support**
- **Self-directed file restore**
- **All-in-one integrated software, hardware and storage**

The SonicWALL® Continuous Data Protection (CDP) 6.0 is a next-generation data protection solution that automatically preserves and protects business-relevant data assets against severe data loss from common disasters, by providing administrative policy governance to enforce backup policies for specified users or groups. The solution enables organizations to preserve, replicate, archive, govern and restore data with ease across Windows®, Mac OS® and Linux® platforms from anywhere and at any time. The SonicWALL CDP Series provides a more intelligent and systematic data protection strategy for organizations that are struggling with the reliability and uncertainty of their backup and recovery results.

SonicWALL CDP is a highly reliable, enterprise-grade data protection solution designed to scale from small- to large IT environments. Re-architected from the ground up, the CDP Series delivers highly efficient, globally enforced policy control over the entire backup operation. SonicWALL CDP also optimizes storage and bandwidth utilization through data de-duplication in conjunction with Volume Shadow Copy Service (VSS) Snapshot and the new CDP fileset backup methodology. The CDP Series empowers users to restore and personalize backup rules, while ensuring they comply with universal backup policy determined by IT. Powerful administrative policy streamlines backup operations and manages information assets more efficiently and intelligently.

Features and Benefits

Administrative policy governance enables administrators to globally enforce defined backup policies for specified users or groups ensuring only business-relevant data assets are automatically preserved and protected against common disasters that cause severe data loss.

Granular backup control rules enables a sustainable data reduction strategy that intelligently identifies, captures and preserves valuable information, while eliminating the costly backup and storage of irrelevant or outdated data.

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.

Multiple backup methodologies allow IT administrators to select from either continuous data protection or point-in-time snap shots providing data recovery and disaster resiliency to support flexible Recovery Point Objective (RPO) and recovery responsiveness.

Agent-based data de-duplication optimizes storage and bandwidth utilization, as well as significantly increases backup efficiency and performance by eliminating redundant data blocks at the source, enabling IT to drastically shorten backup windows, minimize bandwidth utilization, optimize storage, improve performance and reduce operational costs.

SonicWALL Global Management System helps distributed enterprises manage policies, reports, diagnostics, backup automation, restores, statistics, licensing information and export and import settings for multiple CDP deployments—at the device, device group or global level—using a simple-yet-robust centralized Web console.

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.

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

Microsoft® application support for SQL®, Exchange and SharePoint® servers, System State®, Active Directory® and Outlook®.

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

All-in-one integrated software, hardware and storage gives IT an unsurpassed experience with quick and simple deployment out of the box in less than 30 minutes, thus increasing IT productivity and ROI.

SONICWALL®

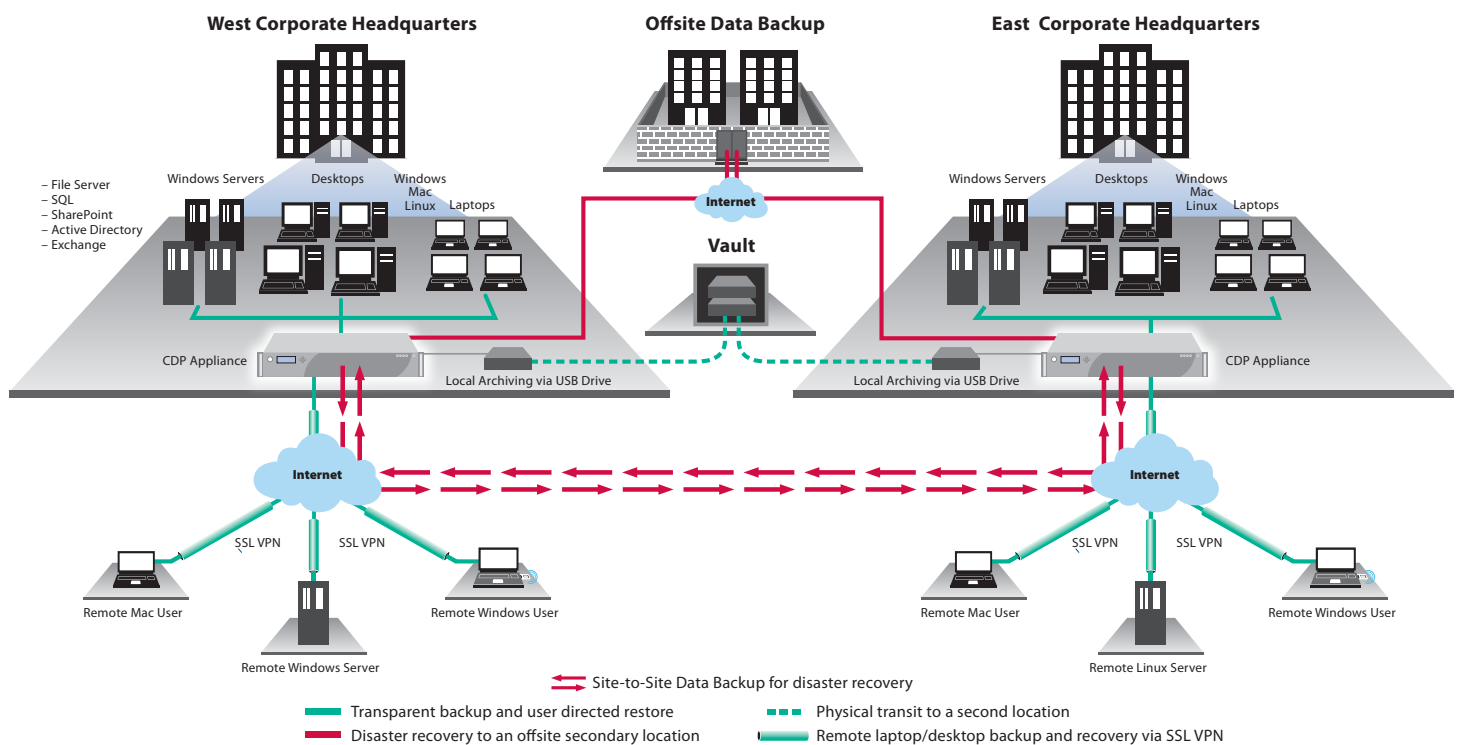DYNAMIC SECURITY FOR THE GLOBAL NETWORK™

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 the latest version 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 SonicWALL Data Backup Center. In the event the local CDP appliance is no longer viable, IT administrators can easily recover the latest version of data through the CDP Web interface.

CDP Local Archiving capability allows IT to store the latest version 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 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.

West Corporate Headquarters

Offsite Data Backup

East Corporate Headquarters

Windows Servers Desktops Windows Mac Linux Laptops

– File Server
– SQL
– SharePoint
– Active Directory
– Exchange

Internet

Vault

Windows Servers Desktops Windows Mac Linux Laptops

CDP Appliance

Local Archiving via USB Drive

Local Archiving via USB Drive

CDP Appliance

Internet

Internet

SSL VPN SSL VPN

SSL VPN SSL VPN

Remote Mac User

Remote Windows User

Remote Mac User

Remote Windows User

Remote Windows Server

Remote Linux Server

Site-to-Site Data Backup for disaster recovery

Transparent backup and user directed restore

Physical transit to a second location

Disaster recovery to an offsite secondary location

Remote laptop/desktop backup and recovery via SSL VPN

Complete End-to-End Backup and Recovery

The **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 **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 **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.

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The **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 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 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.

Features and Specifications

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

Deployment
- All-in-one backup and recovery appliance for quick installation
- Pre-configured for onsite and offsite backup
- Set-up from box-to-backup in less than 30 minutes
- Support Windows Installer for remote agent installation

Backup
- Continuous Data Protection (CDP)
- Volume Shadow Copy Service (Snapshot)
- New highly efficient fileset backup methodology
- Powerful global policy-enforced backup automation
- Chronological data versioning
- Version trimming
- Agent-based data de-duplication
- Intelligent application auto-discovery
- Simple checkbox "click' n go" application backup configuration
- Data integrity check
- Backup file permissions
- 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 SonicWALL Global Management System
- Advanced global policy and control engine
- Backup rules (intelligent exclusion and inclusion execution)
- Extensive scheduling options
- Version control
- Version trimming rule
- Offsite settings
- Quota provisioning
- Predefined folder path support
- Supports use of wildcards
- Centralized agent policy management
- Bandwidth management
- Export and import settings and policy
- Alert management
- Email settings
- System and network administration
- System diagnostics
- Connectivity checks

Flexible Recovery
- Revision-based restore for files and all supported applications
- User self-directed restore
- Direct restore to application server
- Restore to alternative location
- Restore on reboot
- Direct restore from offsite location (offsite portal or CDP Appliance)

Discovery and Recovery of Exchange
- Live Exchange search and export
- Discovery and recovery of all Exchange content types at the item level, without brick-level backup
- 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-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
- Active Directory
- System State

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 210	CDP 220	CDP 5040B	CDP 6080B
Appliance Characteristics				
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)[3]	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)[1]
Total Usable Capacity (with Expansion Disk Pack)[4]	860 GB	1.7 TB	5 TB	5 TB (10 TB)[1]
Total Usable Capacity (Typical 2:1 Compression)	1.7 TB	3.4 TB	10 TB	10 TB (20 TB)[1]
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 days 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, Micosoft Active Directory, Micosoft 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 SonicWALL 4 Disk Pack Upgrade Kit (01-SSC-9301)

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

SonicWALL's line-up of dynamic security solutions

NETWORK SECURITY

SECURE REMOTE ACCESS

WEB AND E-MAIL SECURITY

BACKUP AND RECOVERY

POLICY AND MANAGEMENT

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SONICWALL®
DYNAMIC SECURITY FOR THE GLOBAL NETWORK™