



SonicWALL CDP Offsite Data Backup Service

BACKUP AND RECOVERY

Automatic, Real-time Data Backup—Locally and Offsite

- **Continuous offsite protection**
- **Minimal bandwidth impact**
- **Point and click data recovery**
- **AES 256-bit encryption**
- **Confidential encryption key**
- **Flexible configuration**
- **Recovery point objectives (RPO)**
- **Un-interruptible power supply (UPS) system**
- **Earthquake protection**
- **24-hour on-site security**
- **Redundant fire prevention**
- **Flood control**
- **Environment control**

Data is the most important asset to any organization whether it's a small business or large organization. SonicWALL Continuous Data Protection (CDP) appliances provide local data backup, which is required for instant recovery. However, data must also be backed-up to an offsite location to protect against fire, theft and other major natural disasters.

The SonicWALL CDP Offsite Data Backup Service is an offsite backup and recovery solution that stores data in a secure data center and enables organizations to be up and running quickly after a disaster event. The service is completely secure, all data is securely transmitted and encrypted with an AES 256-bit encryption key. The SonicWALL Offsite Data Backup Service automatically receives mission critical data from CDP Series appliances and stores the latest version. IT Administrators can easily recover the data through a simple Web-based interface in the event that the CDP unit at the local site is not viable.

CDP Offsite Service Features and Benefits

Continuous offsite protection replicates data in real time to the offsite datacenter, eliminating any backup vulnerability windows.

Only incremental changes are transmitted offsite which ensures **minimal bandwidth impact** on the network.

Point and click data recovery enables the administrator to have an organization up and running quickly and easily.

AES 256-bit encryption key ensures all data is securely transmitted and stored encrypted.

Confidential encryption key provides each end user with total control of their data. SonicWALL employees have no access to the key.

Flexible configuration settings allows the administrator to send all or some mission-critical data residing on the CDP appliance to offsite storage.

Recovery point objectives (RPO) ensures a current copy of an organization's data is stored offsite.

Data Center Features and Benefits

Un-interruptible power supply (UPS) systems and emergency backup diesel generators are designed to keep power systems up and running even during a blackout.

Earthquake protection is ensured with sound structural systems that meet and exceed seismic design requirements of local building codes.

24-hour on-site security with biometric identification and motion sensitive CCTV monitoring keeps the data data protected from theft. The center is staffed with security officers around the clock.

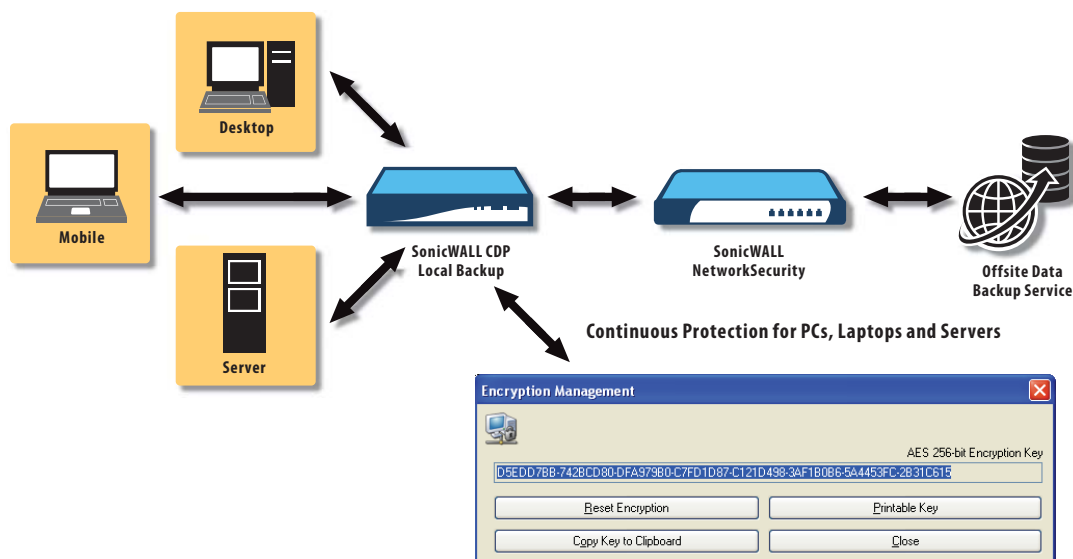
Redundant fire prevention is ensured with multizoned, dry pipe, water-based fire suppression system with sensory mechanisms (sniffers) to sample air and provide alarms prior to pressurization and dual alarm (heat and/or smoke) activation necessary for water pressurization.

Flood control is guaranteed because the facility is built above sea-level with no basements, tightly sealed conduits, moisture barriers on exterior walls and dedicated pump rooms, drainage/evacuation systems and moisture detection sensors.

Environment control is maintained with redundant HVAC cooling and environmental maintenance systems to provide optimum conditions for equipment operation.

Specifications

SonicWALL Offsite Data Backup Architecture



CDP Offsite Data Backup Service

100 GB of Yearly Offsite Data Backup Service
01-SSC-6349

75 GB of Yearly Offsite Data Backup Service
01-SSC-6348

50 GB of Yearly Offsite Data Backup Service
01-SSC-6347

40 GB of Yearly Offsite Data Backup Service
01-SSC-6346

30 GB of Yearly Offsite Data Backup Service
01-SSC-6345

25 GB of Yearly Offsite Data Backup Service
01-SSC-6344

20 GB of Yearly Offsite Data Backup Service
01-SSC-6343

15 GB of Yearly Offsite Data Backup Service
01-SSC-6342

10 GB of Yearly Offsite Data Backup Service
01-SSC-6341

5 GB of Yearly Offsite Data Backup Service
01-SSC-6340

World-class Data Center Infrastructure

SAN Environment

SATA drives in a RAID5 configuration and multiple hot spares for ultimate local redundancy and safety

Servers

Dual processors and mirrored boot discs share files, pointing data enterprise class NAS device for storage

Robust Switches (connections to servers)

High availability (HA) mode and a load balancer keeps the system optimized

All Equipment

Redundant power supplies and multiple connections

Optimal Transmission

Gigabyte speeds for data backup through redundant connections via T-1 providers

North America Facility

SonicWALL has partnered with Equinix to design and implement a world-class infrastructure to meet the demands of SonicWALL customers. Hosted by Equinix, the facility is the largest global network-neutral data center and Internet exchange services company in the world. More than 200 different carriers and ISPs now participate in Equinix IBX centers; including the world's largest IP backbone networks.

Europe Facility

SonicWALL has partnered with Easynet, the international managed network and hosting company that has a network of hosting and co-location data center facilities across ten European countries in 250 cities. Easynet sets itself apart through customer service excellence. Easynet's approach is underpinned by professional excellence in understanding, designing, delivering and management of customer solutions, their ability to work successfully with partners, and their attention to quality. Easynet works hard to ensure its customers are its best advocates, and include the Ford Motor Company, Kia Motors, Calor, Tchibo and Kellogg Italia.

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