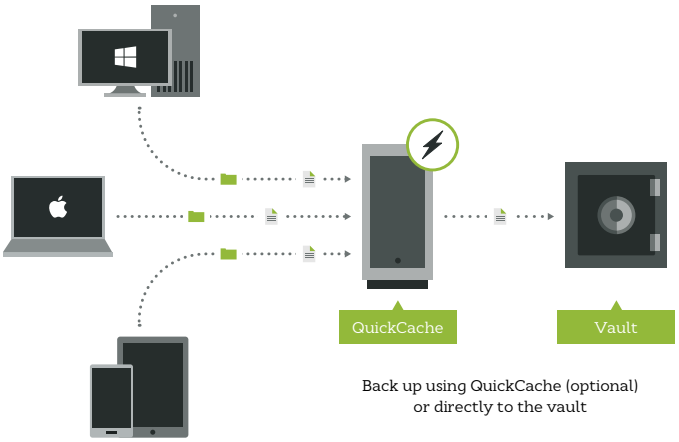
Carbonite QuickCache

Accelerate backup and recovery and reduce network utilization

Managing how data travels across the corporate network has become a critical task for IT professionals. Clearly, IT needs solutions that ease the already massive traffic flows on their networks and have mechanisms built in to allow them to direct traffic across the WAN.



Back up using QuickCache (optional) or directly to the vault

QuickCache – no compromises

QuickCache is a smart, centrally managed data cache installed on hardware or in the cloud that helps you manage bandwidth consumption and decrease time-to-protection.

Used in conjunction with Carbonite Endpoint Backup, a QuickCache on a NAS device in a remote location can perform backup and global deduplication within minutes of installation.

To manage bandwidth utilization, simply shift uploads to the central Carbonite Endpoint backup vault to off-peak times when network traffic is lower.

Easy deployment

With QuickCache, your network of caching devices can rapidly be installed and deployed to remote offices:.

- **Configure policies**: The administrator sets up the central Carbonite Endpoint Backup vault and configures all relevant policies relating to backup frequency/times, etc.

Overview

- Accelerate time-to-protection
- Accelerate time-to-recovery
- Manage bandwidth utilization

Key capabilities

- Accelerated time-to-protection
- Rapid recovery from a local source
- Reduced bandwidth utilization
- Multi-site flexibility and security
- Simple remote deployment

System requirements

- Windows Server 2016, 2012, 2008 R2
- 1 GB RAM
- 1 TB available storage

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- **Install software**: QuickCache is installed onto specified commodity hardware (Windows Server or NAS device) and sent to the remote locations or deployed remotely over the internet.
- **Activate caching network**: Once in place, the Carbonite Endpoint Backup vault, endpoint agents and the remote QuickCaches form an intelligent network.

Accelerate time-to-protection

Back up end user data in remote locations in a matter of hours:

- **Activate software**: In remote locations, silently deploy or have end users activate Carbonite Endpoint Backup software on their laptops.
- **Protect and deduplicate data**: Carbonite Endpoint Backup encrypts the content before performing global deduplication to ensure only unique encrypted content is uploaded.
- **Back up to QuickCache**: Carbonite Endpoint Backup immediately starts uploading the user's encrypted content to the nearest QuickCache using the local network policies and schedules set by the administrator.
- **Upload to Carbonite Endpoint Backup vault**: Unique blocks of content are sent by the QuickCache to the central Carbonite Endpoint Backup vault with traffic typically being set at off-peak hours.

Accelerate time-to-recovery

End users can recover data within minutes of receiving a new laptop:

- **Initiate recovery:** End user initiates recovery and data is delivered across the global network.
- **Rapid restoration:** Time-to-recovery is accelerated because the data travels from the local QuickCache on the LAN rather than the WAN.

Manage bandwidth utilization

Carbonite allows network managers to reduce or eliminate the impact on network performance by controlling when backups occur per location:

- **Schedule uploads**: Scheduling backups from a QuickCache enables a branch office to collect frequent end user backups during the day but only send the updates to the Carbonite Endpoint Backup vault at scheduled "off peak" intervals.
- **Lower traffic**: Scheduling backups lowers traffic during peak employee usage times and moves backups to a time that does not impact productivity.
- **Preserve bandwidth**: Recovery requires less bandwidth because the end user retrieves their files from the local QuickCache rather than having to recover from the Carbonite Endpoint Backup vault. This reduces traffic across the WAN.

Contact us to learn more

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