

Carbonite® Server VM Protection Bundle

All-in-one data protection for critical and non-critical systems

Overview

The Carbonite® Server VM protection bundle combines the long-term protection of local and cloud backups with the speed of local failover for key systems in the event of an outage. It offers end-to-end data protection for more than 200 operating systems, platforms and applications on both physical and virtual systems at a reasonable price resilience.

When planning an IT strategy, the type of protection you deploy for critical data will necessarily be different from what you use for historical and inactive data. This solution enables a tiered recovery strategy for each different data type. It helps IT managers align protection with the urgency of the data or system they’re looking to protect, including up-to-the-hour backups to minimize data loss when a server restore is required. Businesses can set and achieve different recovery objectives for each data type without over-provisioning for higher levels of performance where it’s not needed.

Advanced backup capabilities

After the initial backup is complete, the solution performs “forever incremental” backups. Dynamic bandwidth throttling lets you limit bandwidth to maintain network speeds during peak hours. Carbonite automatically splits backup jobs across multiple CPUs, freeing source system processing power for other tasks.

Easy to deploy, manage, and monitor

A centralized, web-based management dashboard helps easily configure and monitor backups to an onsite Carbonite appliance (up to 20 TB) and to the Carbonite cloud. Image backup with bare metal and granular restore lets you restore files, folders or entire servers simply by logging into the online portal.

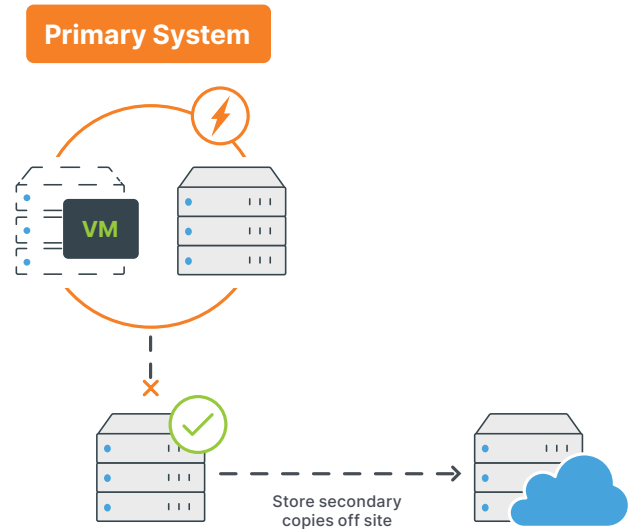
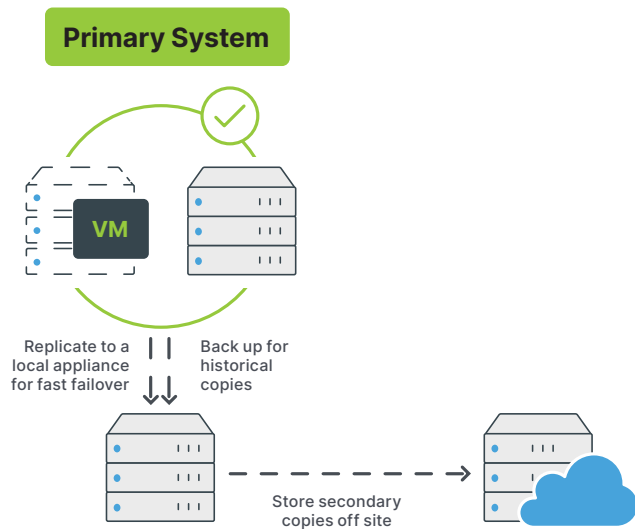
Rapid local failover

With changes continuously replicating from the source environment to the local Carbonite hardware, the solution maintains constant synchronization, keeping the protection environment in a ready state at all times. The software replicates files, applications or entire servers, including system settings. Changes are captured and transmitted at the byte level, so protected servers experience little to no performance impact.

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Key Benefits

- Support for more than 200 operating systems, platforms and applications on both physical and virtual systems
- Hourly, intra-day backup intervals to minimize data loss
- Stored backups for up to seven years with flexible retention options
- Fast failovers minimize downtime while continuous replication minimizes data loss
- Single, integrated solution for both critical and noncritical systems
- End-to-end encryption—AES 256-bit private key encryption and TLS/ SSL transport security
- HWaaS model for less than 20TB with purchase option beyond 20TB
- Advanced compression minimizes performance impact on systems and network
- Award-winning customer support available



How it works

Download and install the agents required for both backup and replication on the systems being protected. Configure systems to send regular backups to the local appliance and to the cloud. The last seven days of backups are stored on the Carbonite appliance, and up to seven years of version history can be sent to the Carbonite cloud. With two to three critical systems replicated on the Carbonite appliance, you can ensure rapid failover for the applications and data sets that are critical for normal operations.

Once deployed, data begins replicating to the local appliance and the cloud. Following the initial seeding, incremental changes are sent, minimizing both performance impact and bandwidth use.

In the case of an outage, you can easily log into our web-based management console to invoke a failover of critical systems using the local appliance. Within minutes, those secondary systems will be up and running, and users can be redirected to those systems, minimizing both downtime and data loss.

Platform Features	VMware
Secure local (with optional integrated hardware) and cloud backups at up to hourly frequency	✓
Optional cloud failover with push-button failback for critical systems	✓
Forever-incremental backups	✓
Transmitted data is compressed and encrypted (AES 256-bit encryption over TLS 1.2)	✓
Advanced compression and flexible bandwidth throttling	✓
Seeding – data importing and exporting via physical device	✓
Granular recovery (files, folders, Exchange, SharePoint, SQL, Active Directory)	✓
Application-consistent backups (for SQL Server, Exchange and SharePoint)	✓
Bare metal restores	N/A
Rapid VM recovery	✓
Image backup	N/A

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About Carbonite and Webroot

Carbonite and Webroot, OpenText companies, harness the cloud and artificial intelligence to provide comprehensive cyber resilience solutions for businesses, individuals, and managed service providers. Cyber resilience means being able to stay up and running, even in the face of cyberattacks and data loss. That's why we've combined forces to provide endpoint protection, network protection, security awareness training, and data backup and disaster recovery solutions, as well as threat intelligence services used by market leading technology providers worldwide. Leveraging the power of machine learning to protect millions of businesses and individuals, we secure the connected world. Carbonite and Webroot operate globally across North America, Europe, Australia, and Asia. Discover cyber resilience at carbonite.com and webroot.com.