

## Carbonite® Server

### Complete data protection for your IT environment

Ransomware. Human error. Hardware failure. Natural disasters. The list of threats to business data and systems is endless. Businesses of all sizes need a straightforward, complete backup and recovery solution that keeps data secure, minimizes downtime and protects company operations.

#### Complete protection

Carbonite Server is reliable, all-in-one server protection for physical, virtual and legacy systems. Deployed in your onsite environment, it stores copies on a local target as well as in the secure Carbonite cloud. The software, cloud service and even optional onsite hardware are fully integrated and backed by the award-winning Carbonite support team.

#### How it works

With Carbonite Server, data is backed up from the physical and virtual servers to the backup server only once. After the full initial seed backup completes, only incremental backups are required. Carbonite Server replicates data to the cloud as soon as backup jobs complete. Carbonite Server operates a control framework based on adherence to SOC 2 Type 2 standards, and supports compliance with several industry-standard regulations, including: HIPAA, FERPA, GDPR and GLBA. Additionally, Carbonite adheres to PCI-compliant processes for customer payment transactions.

#### Flexible restore and retention

When there's an outage on a server, IT managers have several options for restoring access to the systems, depending on the cause of the interruption. One option is to restore a full server using bare metal restore, which allows you to recover an entire system including operating system, data and applications. Other options include granular restoration of files, folders and application data (Exchange, SharePoint, SQL, Active Directory). Carbonite Server also includes forever-incremental backups with flexible retention options from one year to seven years, supporting both your data protection and compliance needs.

#### Cloud failover

For systems that are critical to operations, downtime can be costly and damaging. With Carbonite Server, you can protect those systems with a cloud failover option—ensuring that even if your local data center is unavailable, the data and applications will continue running in the cloud. Critical systems are securely replicated from the primary environment to the cloud, ensuring an up-to-date secondary copy is available for failover. Other key features include:

- Non-disruptive failover testing
- Simple failback to your primary environment
- Point-in-time or most current recovery options

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#### Key features and benefits

- Secure local and cloud backup with optional integrated hardware—all from one vendor
- Optional cloud failover with push-button failback for critical systems
- Granular recovery (files, folders, Exchange, SharePoint, SQL, Active Directory, Oracle DB)
- Forever-incremental backups with flexible retention options—up to seven years
- Expansive platform support—over 200 OS versions, applications and platforms
- Transmitted data is compressed and encrypted (256-bit at rest and TLS in flight)
- Rapid VM recovery in minutes, regardless of VM size
- On-boarding and recovery support from our certified experts, 24×7

## Rapid VM restore

Virtual deployments help businesses consolidate resources, reduce costs and stay agile. But failing to protect VMs could erase some of those gains. Carbonite Server includes a rapid VM restore feature that enables businesses to recover a failed VM in very little time. Features include:

- Restores a virtual machine backup to a fully functional state in as little as two minutes.
- Allows migrating the recovered VM back to permanent storage at your convenience.
- Enables continuous backup of the restored VM, ensuring protection doesn't lapse.
- Helps you verify backups by easily testing the VM in minutes.

## Advanced backup capabilities

- Forever-incremental backups only save incremental changes to your data—this reduces backup times after your initial backup is complete
- Advanced compression and dynamic bandwidth throttling reduce bandwidth utilization and preserve network performance during peak hours
- Hands-off management with tag-based backup job creation and automatic verification reports
- Create application-consistent backups for SQL Server, Exchange and SharePoint with option to truncate transaction logs after a successful backup

## Single solution

Unlike some backup options, Carbonite Server provides a single-vendor solution that covers all of your data protection needs. Onsite protection, local hardware and cloud backup are all sold, maintained and supported together. There's no need to manage multiple solutions to protect the entire environment. Carbonite Server supports more than 200 operating systems, platforms and applications—including physical, virtual and legacy systems. And with full cloud-integration, no additional cloud services are necessary.

## Supported platforms

### Operating systems:

- Windows
- Linux
- IBM AIX
- IBM iSeries
- VMware
- Hyper-V

### Application-aware agent plugins:

- Microsoft SQL
- Microsoft SharePoint
- Microsoft Exchange
- Oracle Database

### Granular recovery:

- Files/folders
- Microsoft Exchange
- Microsoft SQL databases and tables
- Microsoft SharePoint
- Microsoft Active Directory

## Server platform comparison

Platform Features	Windows	VMware	Hyper-V	Linux	IBM AIX	IBM iSeries
Secure local and cloud backup with optional integrated hardware	✓	✓	✓	✓	✓	✓
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)	✓	✓	✓	✗	N/A	N/A
Bare metal restores	✓	N/A	N/A	✓	N/A	N/A
Rapid VM recovery	N/A	✓	✗	N/A	N/A	N/A
Image backup	✓	N/A	N/A	✗	✗	✗

## Carbonite flexible deployment options

Business Requirement	Cloud	Hybrid	Software-only	CDR
VMware/Hyper-V Support	●	●	●	●
Remote/Branch office protection	●	●	●	●
Managed service				●
Backup appliance included with Hardware-as-a-Service (HWaaS) model (U.S. and Canada only)		●		
Cloud-only solution	●			●
Cloud failover	●	●		●
Fastest deployment	●			
No hardware investment	●	●		●
Unlimited agent licensing	●	●	●	●
Vertical and horizontal scalability	●	●	●	●
Centralized management and monitoring	●	●	●	●
Professional services and support	●	●	●	●
Regulatory compliance support	●	●	●	●
Split onsite/offsite retention	●	●	●	●

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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](https://carbonite.com) and [webroot.com](https://webroot.com).