

Carbonite® Server

The #1 choice for data protection and recovery for physical and virtual servers

Ransomware. Human error. Hardware failure. Natural disasters. The list of threats to business data and systems is daunting. Businesses of all sizes need a straightforward, reliable server backup and recovery solution that securely preserves data confidentiality, integrity and availability while minimizing downtime for day-to-day operations.

Comprehensive protection

Carbonite® Server offers comprehensive, reliable and proven server protection for physical, virtual and legacy systems. Deployed onsite, it stores copies locally as well as in the secure Carbonite cloud. The software cloud service and optional onsite hardware are all fully integrated and backed by the award-winning Carbonite support team.

How it works

With Carbonite Server, data is backed up from physical and virtual servers to the backup server only once. After the full seed backup completes, only incremental backups are required thereafter. Carbonite Server replicates data to the cloud as soon as backup jobs complete. It 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.

Flexible restores and retention

When there's an outage on a server, IT managers have several options for restoring access to 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 the OS, data and applications.

Other options include granular recovery of files, folders and application data (Exchange, SharePoint, SQL, Active Directory, etc). Carbonite Server also includes immutable forever-incremental backups with flexible retention options from one year to seven years, supporting both data protection and regulatory compliance needs.

Cloud failover

For critical operational systems where downtime is costly, these can be protected with our cloud failover option. This strategy helps ensure that, even if your local data center is unavailable, the data and applications continue running in the cloud. Critical systems are securely replicated from the primary environment to the cloud, providing an up-to-date secondary copy 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)
- Hourly and 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 & Hyper-V recovery in minutes, regardless of VM size
- On-boarding and recovery support from our certified experts, 24x7
- Immutable Carbonite backup 'safesets' for extra protection
- Potential Ransomware scanning, alerting and recovery remediation

Rapid VM restore

Carbonite® Server includes a rapid VM restore feature that enables businesses to rapidly recover a failed VM or Hyper-V. Features and capabilities include:

- Restore a VM backup to a fully functional state in as little as two minutes
- Migrate the recovered VM back to permanent storage at your convenience
- Run continuous backups of the restored VM, ensuring protection doesn't lapse
- Verify backups by easily testing the VM in minutes.

Advanced backup capabilities

Carbonite Server supports immutable and hourly backups for select jobs (Windows, SaaS configurations) and comes with comprehensive scheduling and targeted alerts for any items that may have been missed due to backup schedule clashes.

With forever-incremental backups, only incremental changes to your data are saved. This significantly reduces backup times after your initial seed backup is complete. Advanced compression and dynamic bandwidth throttling then minimize network bandwidth utilization and preserve network performance, even during peak hours.

Advanced management features like tag-based backup job creation and automatic verification reports help simplify and minimize operational costs. Plus, you can easily create application-consistent backups for SQL Server, Exchange and SharePoint with the option to truncate transaction logs after a successful backup.

Microsoft Anti-Ransomware Scanning

For Microsoft Windows systems, we provide automatic identification and email alerting of potential ransomware threats. Our management portal clearly highlights ransomware status and also includes multiple management and recovery options to restore from uncompromised backup 'safesets'.

Single solution

By offering onsite protection, local secure hardware and secure cloud backup, Carbonite Server provides a single all-in-one solution that covers almost every data protection and recovery need. With no need to integrate or manage multiple solutions to protect your entire server environment.

Carbonite Server supports over 200 operating systems, platforms and applications, including physical, virtual and legacy systems. And all with full cloud-integration, so 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	✓	✓	✓	✓	✓	✓
Immutable backups	✓	✓	✓	✓	✓	✓
Potential ransomware infection scanning and management	✓	N/A	N/A	N/A	N/A	N/A
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 Portal management and monitoring				
Professional services and support				
Regulatory compliance support	●	●	●	●
Split onsite/offsite retention	●	●	●	●

Contact us to learn more – Carbonite US

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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.