

# 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 simple, 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.

### 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 fail over virtual machines locally to the backup server onsite until the cause of the disruption is resolved. Other options include: restoring data back to a VM host (including cross-hypervisor restore), and granular restoration of files, folders and application data (Exchange, SharePoint, SQL, Active Directory, Oracle DB).

### 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 and benefits include:

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



### 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 (AES 256-bit in-flight and at rest)

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## 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
- On-boarding and recovery support from our certified experts, 24x7

## 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 new and legacy systems on both physical and virtual machines. And with full cloud-integration, no additional cloud services are necessary.

## How it works

The local backup establishes a connection and takes a backup of the selected systems. The backed-up data is compressed—reducing the data footprint, minimizing the impact on the network and accelerating uploads to the cloud (since there's less data to transfer). Once seeded, the local backup server performs incremental backups, recording only changes. The backup server updates on a set schedule, while securely sending changes on a separate schedule to the cloud.

## Complete data protection

In addition to backup, Carbonite offers high availability for tier-1 systems, data migration for mitigating planned and unplanned downtime, and endpoint protection for highly mobile workforces—with robust central management and security features that go beyond traditional backup. All Carbonite solutions feature award-winning customer service and professional support from certified experts.

To learn more, contact your Carbonite representative today.

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## Supported platforms

### Operating systems:

- Windows
- Linux
- IBM AIX
- HP-UX
- Solaris
- IBM iSeries

### Hypervisors

(agentless; all guests supported):

- 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