CARBONITE®+WEBROOT®
OpenText Security Solutions

Carbonite® Availability

Continuous replication and near-zero downtime for business critical systems

Overview

Carbonite® Availability software enables IT organizations to maintain the highest availability of their Windows and Linux servers by preventing downtime and data loss. With support for physical, virtual or cloud source systems or target environments, the Carbonite Availability solution is a comprehensive high availability option for organizations with mixed IT environments.

Keep critical servers always online

High availability for your critical Windows and Linux systems

Downtime strikes IT organizations from a multitude of sources. From the relatively rare natural disaster to the more commonplace user errors, malicious attacks or patching problems, IT teams can guarantee that downtime will strike some of their systems every year.

54% of SMBs have lost customers or revenue due to downtime[1]

The cost of that downtime can be high. For revenue-generating systems, it's measured in thousands of dollars every hour. For business systems, lost productivity is similarly costly. Less easily defined are the potential losses associated with customer loyalty, end user dissatisfaction and competitive positioning.

Protecting your critical systems and data

System protection as part of your cyber resilience strategy

Carbonite® Availability software enables IT organizations to maintain the highest availability of their Windows and Linux servers by preventing downtime and data loss. It includes:

• Data encryption, in flight, between the source and the target
• Available automatic failover with server heartbeat monitor
• Integrated DNS management
• Three tiers of compression to minimize network impact
• Available bandwidth throttling options
• A comprehensive API for integration
• Alerting and reporting features
• Easy, non-disruptive testing

Benefits

Carbonite® Availability provides always-on replication in real-time for organizations with mixed IT environments, keeping critical systems highly available with little to no data loss.

• Manage and keep critical applications online

• Prevent revenue loss from downtime of high-traffic sites

• Achieve compliance and SLAs through protection of mission-critical data in your preferred environment

• Reduce risks associated with planned and unplanned events – no hit to revenue or brand

• Allow for business transformation and process improvement

Set-up quickly, run continuously and manage easily
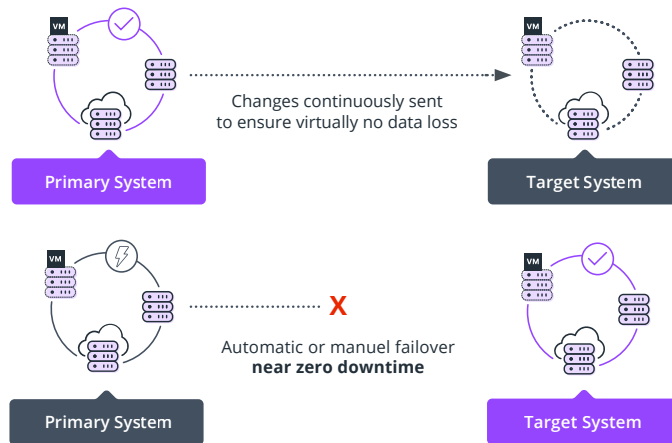
Automated administration

Carbonite Availability automates the setup and configuration of real-time protection and availability management for datasets, business-critical applications and full system states through advanced management features. Using full-server protection, administrators do not need to have an in-depth understanding of the applications or server configurations to enable high availability for the entire system.

Efficient and better protection

Carbonite Availability features patented, real-time, asynchronous, byte-level replication. It replicates data immediately and continuously to a secondary server as fast as bandwidth and processing allow. Asynchronous, real-time replication is ideal for any geographic distance as it can manage bandwidth and latency fluctuations from impacting the production servers.

Reliably meet your recovery needs

In the event of an outage, failover to the waiting secondary server is easy. A full server failover can be accomplished in minutes. Carbonite Availability monitors the behavior of the production environment and can automatically take corrective action. Or you can choose to initiate an automated failover process on demand. When the time is right, you can fail back to the original server, or a replacement server, by performing an automated failback with push-button simplicity.

Changes continuously sent to ensure virtually no data loss

Primary System

Target System

Automatic or manuel failover **near zero downtime**

Primary System

Target System

Carbonite Availability helps your organization embrace cyber resilience. Being cyber resilient means being able to withstand and quickly recover from cyberattacks and accidental data loss. Together, Carbonite and Webroot provide you a full range of cyber resilience solutions to keep your data secure and protected, so you can play and work online without worry. Our security and backup solutions make cyber resilience simple.

Supported platforms

Operating systems:

- CentOS
- Microsoft Windows Server
- Oracle Enterprise Linux
- Red Hat Enterprise Linux
- SUSE Linux Enterprise
- Ubuntu
- Any hypervisor, with additional integration for:
    - Microsoft Hyper-V
    - VMware ESXi and vSphere

Any cloud platform, including:

- Amazon Web Services (AWS)
- AWS Outposts
- Google Cloud Platform
- VMware vCloud Director
- Microsoft Azure
- Azure Stack HUB

"Carbonite Availability is more robust and more intuitive than any other tool that Microsoft or other vendors may have. I just don't feel comfortable using anything else."

Dominick Delio, Vice President, Auction Anything

Learn more at carbonite.com

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