

Carbonite Migrate for Microsoft Data Box

Streamline the process of moving terabytes of data to Azure and mitigate migration risk



Organizations strive to modernize their IT operations to embrace Azure for business optimization, scalability, or to consolidate their data center. IT professionals need a solution to move terabytes of data to Azure efficiently while continuing IT business processes, to expedite migration and reduce the risk of project delays.

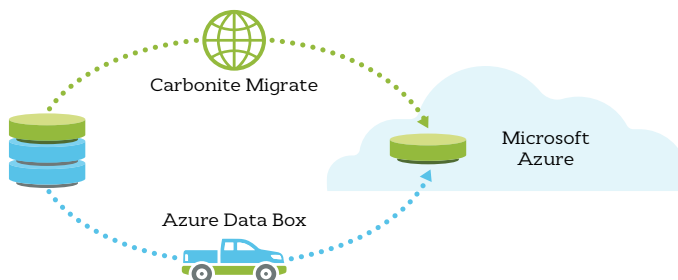
Solution

Carbonite Migrate in combination with Azure Data Box provides a standard process to safely migrate terabytes of data to Azure with minimal network impact and resource consumption. Following standard Azure Data Box processes, Carbonite Migrate performs a comparison between the production and destination environment. IT professionals can lift and shift or right-size to Azure, complete non-disruptive testing and validation, and cut over in minutes. Carbonite Migrate provides a process to minimize complexity, reduce migration time, and prevent cost overruns.

Pre-seeding Azure VMs using Data Box

Copy data into Azure subscriptions and attach data to your VMs running in Azure. Then configure a Carbonite Migrate job between the production environment and the associated Azure VM with the data from Azure Data Box. During the time production data is in transit, the production environment is still working, uninterrupted. Even though the Azure VM data is not current, the Carbonite Migrate job recognizes data exists on the destination drives and performs a difference mirror, only sending to Data Box the information that has changed since the initial save.

In the case of moving hundreds of servers with a few terabytes each, or an initial bulk transfer of a multi-terabytes database, the amount of time to update Azure could vary. Carbonite Migrate accelerates loading data to Azure with minimal business disruption.



After the initial Data Box save, only data changes are sent to Azure.

Features

- Integration with Microsoft Azure Portal
- Available on Azure Marketplace
- Auto provision Azure VM based on Azure credentials
- Hybrid cloud and multi-cloud
- Standalone and clustered configurations
- Automatically discover source servers through a proxy
- Schedule bandwidth usage to optimize network utilization
- Automation through PowerShell or REST APIs
- Replicate, monitor and manage with a central console
- AES 256-bit encryption
- Three levels of compression

Key benefits

- Reduce network impact for large-scale data transfers
- Eliminate complex activities of synchronizing production data
- Maintain normal business processes during migration
- Manage using the Carbonite console, PowerShell, or REST API
- Optimization, upgrade and consolidate SQL Server
- Microsoft clusters supported using Carbonite Professional Services

Use Cases

- Initial bulk transfer (seed) to Azure
- Transfer large amounts of data to Azure
- One-time migration of workloads
- Mergers or acquisitions
- Consolidate data center
- Datacenter consolidation



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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.