CARBONITE

Carbonite Migrate

Migrate traditionally difficult workloads rapidly to Azure and Azure Stack

Many IT organizations want to move to the Microsoft Azure cloud platform to increase IT agility and scale quickly. However, finding the right tool to seamlessly migrate systems can be a challenge that ultimately prevents organizations from making the move.

Carbonite Migrate quickly and easily migrates physical, virtual and cloud workloads to Microsoft Azure and Azure Stack with minimal risk and near-zero downtime. The streamlined process automates everything from server discovery to target VM provisioning to the actual cutover to the Microsoft Azure cloud.

No downtime, no surprises

Carbonite Migrate replicates the source system to the target in Microsoft Azure using AES 256-bit encryption to ensure security. Test cutovers can be performed anytime without impacting production systems. End users can continue working on the source system until the final cutover. Carbonite Migrate enables you to cut over in minutes or seconds, no matter how large your workloads are, without disruption to your business.

Smarter, simpler migration

The Carbonite Migrate console orchestrates all your migrations, whether to or from physical, virtual or cloud systems, from the initial discovery of your systems to provisioning target VMs and ultimately cutting over to Microsoft Azure. Carbonite Migrate offers additional features to help streamline your migration to Azure, including:

- SQL and Linux upgrades while migrating to Azure

- Azure Stack support for production or testing

- Granular selection of data to migrate (omit log files for example)

- Support for clustered workloads
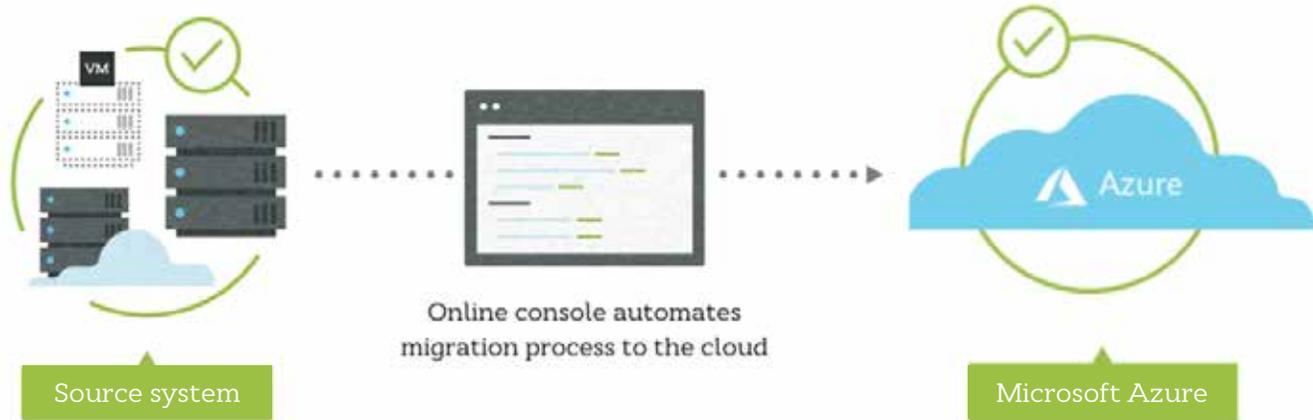
- Support for migration of large workloads above 4TB

Key benefits

- Structured, repeatable migration to Microsoft Azure and Azure Stack with near-zero downtime

- Highly automated process that eliminates common risks and streamlines migrations

- Cutover in seconds/minutes on workloads of any size

- 24x7 award-winning customer support

Source operating systems

- Microsoft Windows Server

- Red Hat Enterprise Linux

- Oracle Enterprise Linux

- CentOS

- SUSE Enterprise Linux

- Ubuntu

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Online console automates migration process to the cloud

Source system

Microsoft Azure

How it works

Initially, the details regarding the source and target environments are added to the hosted Carbonite Migrate portal. The solution then automates the discovery of servers that are available for migration. Once a server is selected for migration, the tool identifies an appropriate instance size in Microsoft Azure, and that instance can be customized before migration. Next, an automated process installs the necessary software, provisions the target environment and initiates real-time, byte-level replication to create a replica of the source server in Microsoft Azure.

Carbonite Migrate replication maximizes bandwidth efficiency, sending byte-level data, incorporating multiple levels of compression and enabling bandwidth throttling. The cutover itself usually takes just minutes or seconds.

Contact us to learn more:

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