

Carbonite Migrate for Microsoft Azure

Simplify Windows and Linux Migrations into Microsoft Azure

The risk and downtime associated with server migration have prevented many IT organizations from making the move to the cloud. While cloud lock-in weighs on the minds of IT leaders, easy migrations can allay those concerns. The transition into the cloud should be flexible and beneficial to your business, both initially and over time.

Carbonite Migrate quickly and easily migrates physical, virtual and cloud workloads to Microsoft Azure with minimal risk and near-zero downtime. The streamlined process automates 100 manual steps into five easy steps, automating everything from server discovery to target VM provisioning to the actual cutover into the Microsoft Azure cloud.

Using efficient real-time, byte-level replication technology, Carbonite Migrate creates a replica of the entire server being migrated and keeps it in sync with production systems. The migrated data can be validated without disrupting business operations, and downtime is limited to the seconds or minutes required for cutover into Microsoft Azure.

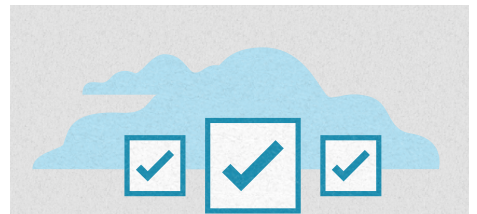
Server and database migrations

Carbonite Migrate replicates the source system into Microsoft Azure, using AES 256-bit encryption to pass the data securely over the wire. Once replicated, the systems are kept in sync. Test cutovers can be done at any time without impacting production systems. In fact, end users can continue to use the source system until the final cutover. When the actual cutover into Microsoft Azure takes place, it takes a matter of seconds or minutes.

Smarter, simpler migration through automation

The Carbonite Migrate console orchestrates all your migrations, regardless of source, from the initial discovery of your systems to provisioning target VMs, and ultimately cutting over into Microsoft Azure. You can avoid a complex and error-prone migration while:

- Ensuring data, files and even systems settings are replicated reliably
- Managing bandwidth with intelligent compression and throttling options
- Satisfying security requirements that all data sent over the wire is encrypted
- Integrating with any external management tools with our comprehensive SDK



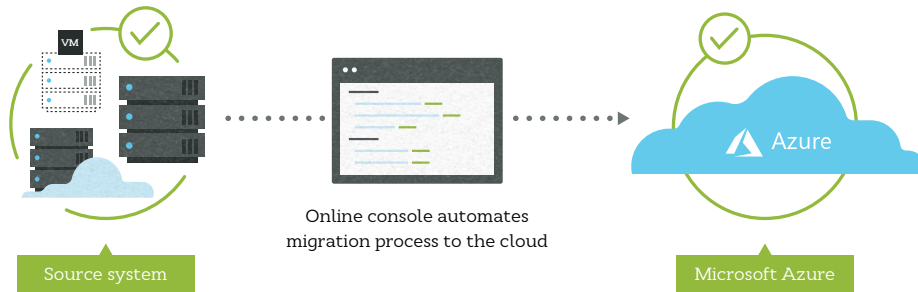
Benefits:

- Structured repeatable migration with near-zero downtime
- Highly automated process that eliminates risks and streamlines migrations
- Freedom from lock-in to a specific cloud, hypervisor or piece of hardware
- 24x7 award-winning customer support

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Migration and business agility

Carbonite Migrate also protects your ability to on-board new technology solutions by giving you a repeatable process for integrating new applications and systems into your existing environment. With the power to migrate workloads into Microsoft Azure, you will never have to worry about being locked into a platform where your business and technology can't grow.



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 will identify an appropriate instance size in Microsoft Azure, and that instance can be customized before migration. An automated process then installs the necessary software, provisions the target environment and initiates real-time, byte-level replication to create a replica of the source server into Microsoft Azure.

Carbonite Migrate replication maximizes bandwidth efficiency, sending the smallest possible chunks of data, incorporating multiple levels of compression and enabling bandwidth throttling. The cutover itself takes minutes or seconds. With limited disruption, your workload will then be running in the target cloud.

Contact us to learn more

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Supported platforms

Source operating systems:

- Microsoft Windows Server
- Red Hat Enterprise Linux
- Oracle Enterprise Linux
- CentOS
- SUSE Enterprise Linux
- Ubuntu

Target environments:

- Microsoft Azure Classic
- Microsoft Azure Resource Manager