

Carbonite Migrate + Nutanix Acropolis

Migrate physical, virtual or cloud workloads rapidly to Nutanix AHV

Many IT organizations are moving to Nutanix Hyper Converged Infrastructure (HCI) running the Acropolis Hypervisor for increased IT agility, rapid scale-out functionality and reduced costs. However, efficiently migrating to the platform is a challenge that factors in any organization's decision to make the move.

Carbonite Migrate can quickly and easily migrate physical, virtual, and cloud workloads over any distance into the Nutanix platform with minimal risk and near-zero downtime.

Using efficient real-time, byte-level replication technology Carbonite Migrate creates a replica of selected data or the entire server and keeps that information in sync with the production system. The replica can be tested and validated with no impact on business operations.

Carbonite Migrate replicates the source system directly to the target VM using AES 256-bit encryption to ensure security. Carbonite replication maximizes bandwidth efficiency, sending the smallest possible amounts of data, incorporating multiple levels of compression, and enabling bandwidth throttling. Cutover occurs in minutes, no matter how large your workloads are, without disruption to your business.

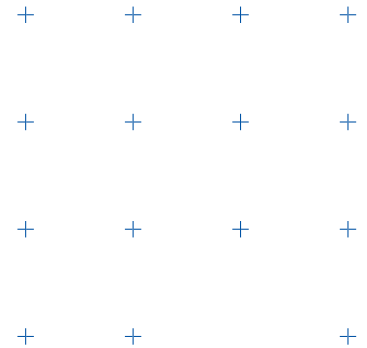
Move what you want, where you want

Since Carbonite Migrate can move workloads from physical, virtual or cloud platforms to Nutanix, you're free from managing multiple solutions to achieve the same goal. With Carbonite Migrate you can perform file and folder migrations, as well as full Windows and Linux system migrations. Workloads can be distributed into multiple VMs or consolidate data from multiple platforms onto a single right-sized VM running under AHV on your Nutanix platform.

Automated, repeatable process

The Carbonite unified management console handles all your migrations, regardless of location or platform, from the initial replication through testing and the ultimate cutover. 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
- Executing pre and post cutover activities
- Provide reporting information across all replication jobs



Benefits

- Structured, repeatable migration with near-zero downtime
- Freedom from lock-in to a specific hypervisor, cloud, or piece of hardware
- Streamlined, automated migrations
- Checksum compare to reduce network traffic and speed up mirroring
- 24x7 award-winning customer support

How it works

Carbonite Migrate is an agent-based filter level driver that uses near realtime, byte-level, point-to-point replication, to create a replica of the data, database, or complete system being migrated. The replica is kept in sync, mirroring changes to the target VM—including permissions, attributes, file names, deletions, and encryption settings.

Cutover automation is available through the unified, graphical console and if reverting to the original system becomes necessary, the execution is straightforward. The process is repeatable and predictable whether managed through the unified console or automated through scripting or integration with third-party tools.

Contact us to learn more about how Carbonite Migrate can help to upgrade your older SQL, Windows or Linux environment with minimal downtime or move your Clustered workloads or even your larger environments onto Nutanix. Carbonite Professional Services can assist with your assessment planning, integration, migration and availability need.

Platform support

- Microsoft Windows
- Server 2008
- Microsoft Windows
- Server 2012
- Red Hat Enterprise Linux
- VMware ESXi
- Microsoft Hyper-V
- Oracle Enterprise Linux
- CentOS
- SUSE Enterprise Linux
- Ubuntu

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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.