

Carbonite Migrate

For simple and seamless hardware upgrades, virtualization, switching hypervisors, and moving to, from and between clouds

The potential for downtime and data loss prevents many organizations from undertaking data migrations. Carbonite Migrate quickly and easily migrates physical, virtual and cloud workloads over any distance with minimal risk and near-zero downtime. The streamlined process automates and consolidates numerous steps, which are otherwise manual and prone to human error, into just a few simple tasks, reducing the amount of work you need to do to reach your migration goals.

No downtime, no surprises

Carbonite Migrate replicates the source system to the target, 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. The actual cutover takes just seconds or minutes.

Repeatable success

The simplicity and repeatability of Carbonite Migration enables IT to switch platforms – including to, from and between public clouds like Amazon Web Services (AWS), Microsoft Azure and Google Cloud – without impacting system availability. It also frees IT from platform lock-in and allows you to be more agile and flexible with IT investments.

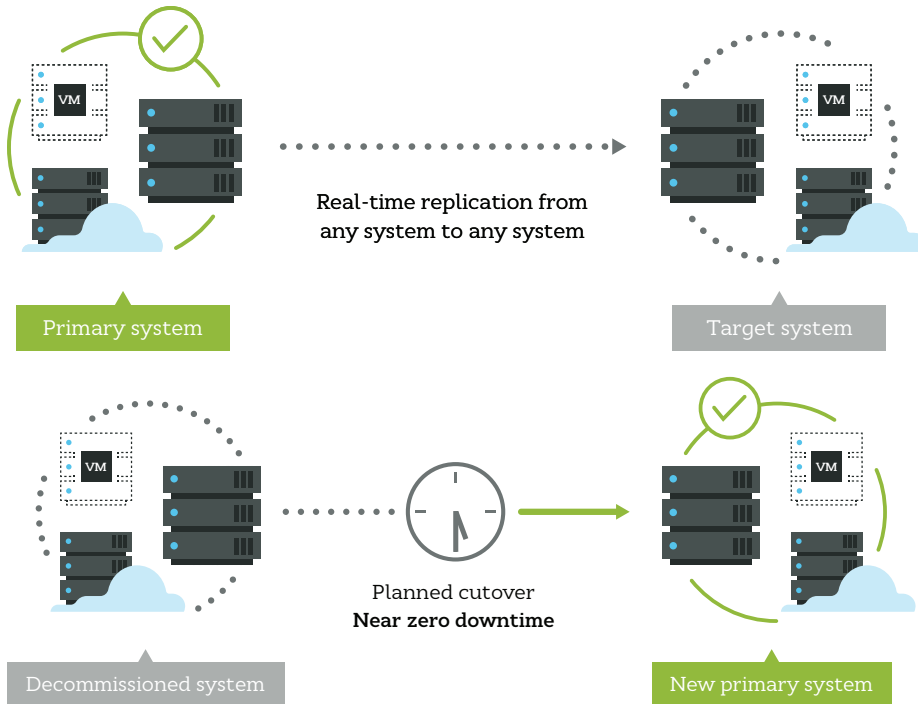
Carbonite Migrate enables you to move any server workload to any target destination.			
Physical-to-physical	●	Onsite-to-cloud	●
Physical-to-virtual	●	Cloud-to-cloud	●
Virtual-to-virtual	●	Cloud-back-onsite	●

Carbonite Migrate facilitates successful, repeatable migrations.



Benefits

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



How it works

The Carbonite Migrate console orchestrates your migrations, regardless of source or target, from the initial discovery of your systems to provisioning target VMs, and ultimately cutting over. The solution uses real-time, byte-level replication to create a replica of the data, applications, database or complete server being migrated. The replica is kept in sync, mirroring changes such as permissions, attributes, file names, deletions and encryption settings.

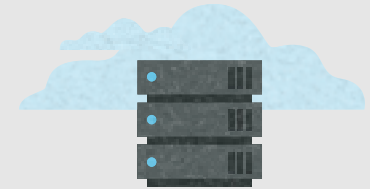
Carbonite replication maximizes bandwidth efficiency, sending small chunks of data, incorporating multiple levels of compression and enabling bandwidth throttling. The target server can be validated, and cutovers can be tested anytime without disrupting business operations.

Cutover automation is available through the console, and downtime is limited to seconds or minutes required for the cutover. If reverting to the original system becomes necessary, the execution is straightforward. The process is repeatable and predictable whether managed through the unified console, automated through scripting or integrated with third-party tools.

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

- VMware vSphere
- VMware vCloud Director
- Amazon Web Services
- Microsoft Azure Classic
- Microsoft Azure Resource Manager
- Google Cloud