

# Carbonite DoubleTake Move

Easy Windows, Linux, and SQL migrations  
without downtime

The risk and downtime of server migration have locked many IT teams into platforms that are no longer ideal. Migrations are often delayed or avoided—whether it's moving data to the cloud or back on premises, or upgrading the hardware of the database software. This results in lost opportunities, unnecessary costs, and a lack of agility that today's IT teams can no longer afford.

Carbonite DoubleTake® Move™ quickly and easily migrates physical, virtual, and cloud workloads over any distance with minimal risk and near-zero downtime. Using efficient real-time, byte-level replication technology, DoubleTake Move creates a replica of the data, application, database, or entire server being migrated and keeps it in sync with the production system. The migrated data can be validated without disrupting business operations, and downtime is limited to the seconds or minutes required for cutover to the new server.

## No downtime, no surprises

To avoid downtime and data loss, DoubleTake Move replicates the source system to the primary target, using AES-256 encryption to pass the data 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 cutover. The actual migration takes just seconds or minutes.

## Move physical, virtual, or cloud servers to cloud targets

DoubleTake Move enables you to make new infrastructure choices without impacting system availability. With the power to migrate workloads to and from the cloud, between physical and virtual systems, and around the world, you're free from platform lock-in. And, DoubleTake Move supports Windows file and folder migrations, as well as full Windows and Linux system migrations.

## Streamlined SQL server migration

The DoubleTake Move solution can also streamline upgrades to Microsoft SQL Server. By maintaining a synchronous source and target, DoubleTake Move enables you to cut over between two instances of your database with almost no downtime for end users. Finally, a straightforward solution to upgrading that critical part of your IT infrastructure.

## Benefits

- Structured, repeatable migration with near-zero downtime and no data loss
- Freedom from lock-in to a specific hypervisor, cloud, or piece of hardware
- Streamlined, automated migrations
- 24x7 award-winning customer support

## Automated, repeatable process

The 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

## How it works

DoubleTake Move 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 to all essential data—including permissions, attributes, file names, deletions, and encryption settings.

DoubleTake replication maximizes bandwidth efficiency, sending the smallest possible chunks of data, incorporating multiple levels of compression, and enabling bandwidth throttling.

The target server can be validated and cutovers can be tested at any time without disrupting business operations. Cutover automation is available through the unified, graphical 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 or automated through scripting or integration with third-party tools.

## Contact us to learn more

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## 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