

# IRON CLOUD® MIGRATE, POWERED BY CARBONITE

## 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
- > Award-winning customer support

## 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. Iron Cloud 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

Iron Cloud 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 Iron Cloud Migrate 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.

**Iron Cloud™ 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	●

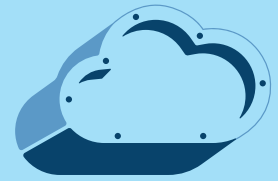
Iron Cloud Migrate facilitates successful, repeatable migrations.


**IRON CLOUD®**

DATA PROTECTION

 POWERED BY **CARBONITE™**

## IRON CLOUD MIGRATE



**IRON CLOUD**<sup>®</sup>  
DATA PROTECTION

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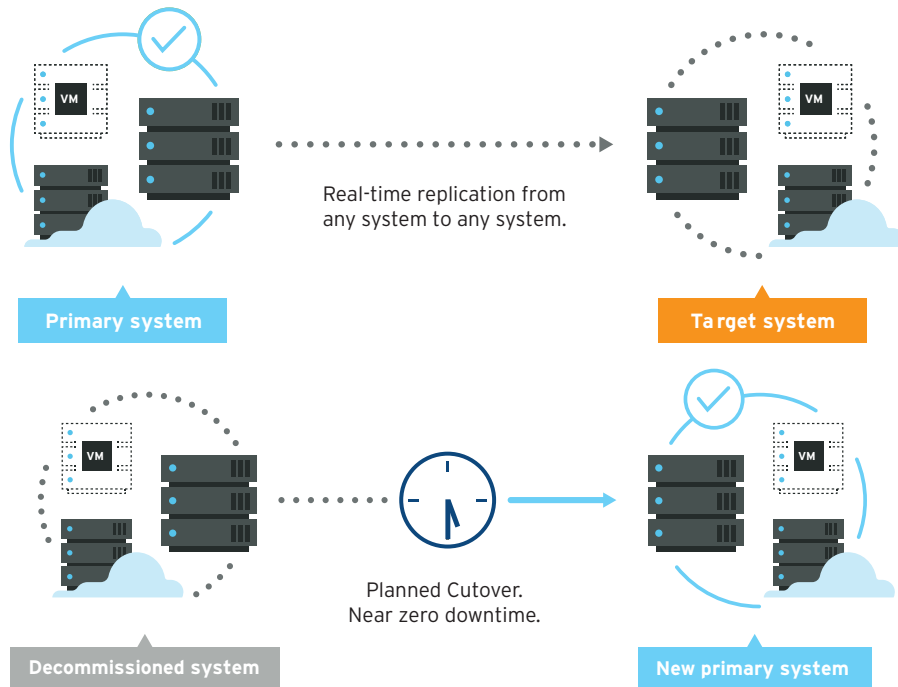
### SUPPORTED PLATFORMS

#### 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
- VMware ESXi
- Amazon Web Services
- Microsoft Hyper-V
- Microsoft Azure Stack
- Microsoft Azure Classic
- Microsoft Azure Resource Manager
- Google Cloud



### How it works

The Iron Cloud 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.

The real-time, byte-level 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.

WE PROTECT WHAT YOU VALUE MOST<sup>®</sup>

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#### ABOUT IRON MOUNTAIN

Iron Mountain Incorporated (NYSE: IRM), founded in 1951, is the global leader for storage and information management services. Trusted by more than 220,000 organizations around the world, and with a real estate network of more than 85 million square feet across more than 1,400 facilities in over 50 countries, Iron Mountain stores and protects billions of information assets, including critical business information, highly sensitive data, and cultural and historical artifacts. Providing solutions that include secure storage, information management, digital transformation, secure destruction, as well as data centers, art storage and logistics, and cloud services, Iron Mountain helps organizations to lower cost and risk, comply with regulations, recover from disaster, and enable a more digital way of working. Visit [www.ironmountain.com](http://www.ironmountain.com) for more information.