



## CloudRivo CloudMigrate - Dynamic migration service into the PARTNER Cloud

CloudMigrate<sup>SM</sup> is a service that empowers businesses of all size to seamlessly transition to the benefits of cloud services. CloudMigrate automates the preparation and validation that operational workloads are ready to be transitioned to a public or private cloud without disrupting ongoing business processes. CloudMigrate will automate the transition of entire workload solutions whether a single server, or a complex tiered workload solution with multiple servers and applications. There are no agents or local applications or the need to interrupt IT operations to prepare for the migration. Once the automated discovery of the target datacenter environment configuration is validated, businesses can choose the moment to transition to the selected cloud location and then cloud based operations will commence, possibly within minutes.

CloudMigrate can transition physical servers and virtual servers to our cloud and supports source environments based on Microsoft Windows Server 2003/2008/2012, and all Linux distributions. The transition of workload solutions is accomplished over a WAN. Our Cloud presents high performance interfaces to the internet to insure the speediest transition possible, but network connectivity to the source datacenter and the size of the workload environment will determine the ultimate time required to prepare the cloud workload environment. This automated preparation will not affect ongoing operations of business workloads. Once the target Cloud environment is validated, clients can choose the moment to transition. The transition can occur within minutes of the decision to transition. Once you are confident the transition to the Cloud operations has been successful, the source server can be shut down and then you continue with your cloud based operations.

### CloudRivo CloudMigrate - FAQ

1. How is CloudMigrate migration different than server replication, scripting, templates and manual migration? What does it mean to migrate servers as-is?

**ANSWER:** CloudMigrate is an “as-is migration” solution that automates the collection, re-packaging/conversion and deployment of server images and their associated metadata/configuration into cloud and virtual environments. As-is migration offers automated migration of workloads without any pre-processing on the source machine or post-processing on the target machine. Other solutions entail some manual pre-processing or post-processing and even require shut down of servers in some cases.

2. What is the difference between migrating workloads and servers? Aren't they the same?

**ANSWER:** Servers entail the OS, the applications and platforms (e.g. application

servers, databases) associated with the workload. Workloads typically include the entire farm of servers (for scaling, failover), data storage (data may be stored on attached and/or networked storage) and the network and system configurations associated with the workload.

3. Does CloudMigrate require a proprietary environment to import servers into prior to migration (Or is CloudMigrate SaaS a proprietary platform)?

**ANSWER:** CloudMigrate provides a transient environment to support the conversion before servers are deployed into the target data center. No customer platform is required to support the migration.

4. What does it mean to migrate a server live?

**ANSWER:** It means that production servers can be migrated without having to take them down out of production during the migration. Once the migration is complete and the workload is configured and tested on the target machine, the customer can set up a change window to cut-over to the new VM deployed in the target data center.

5. How is CloudMigrate migration different from VMware's VMotion?

**ANSWER:** VMotion is a native, VMware-only capability designed for optimization and scaling in single LAN, SAN only homogeneous environments. CloudMigrate supports heterogeneous environments and enables a broader set of use cases, including migration from one hypervisor platform to another. CloudMigrate also supports migration across networks and across clouds.

6. What platforms does CloudMigrate support?

**ANSWER:** CloudMigrate supports migration from physical, virtual and cloud platforms to our cloud platforms. Supported OS, and Clouds are:

- Source OS - Windows 2003/2008/2012, Linux
- Source Clouds - Amazon AWS, vCloud Air, Microsoft Azure
- Target Clouds – [CloudRivo](#) Clouds located in Boston MA, San Jose CA, Ashburn VA, Dublin Ireland and Tokyo Japan

7. Do I need to install anything? What about agents?

**ANSWER:** CloudMigrate is an agentless technology, so you will not need to install agents. CloudMigrate SaaS, will automatically deploy a Cloud Appliance and Target Worker(s) into the target data center to collect, convert and deploy the source image(s).

8. Can I migrate from local/on-premise to local/on-premise?

**ANSWER:** No, CloudMigrate supports migration from a local physical/virtual/cloud server to our cloud.

9. Can I migrate from (public) cloud to the [CloudRivo](#) Cloud?

**ANSWER:** Yes, you can migrate from the supported public clouds to our Cloud.

10. Can I migrate a source (physical or virtual) server to a physical server in the [CloudRivo](#) Cloud?

**ANSWER:** No, all source servers (physical or virtual) are virtual servers once they've been migrated. CloudMigrate supports P2V (physical to virtual) and V2V (virtual to virtual) server migrations.

## CloudMigrate Process

1. Client provides source server information:
  - Identify servers for migration
  - Set a desired target date/schedule for migration
  - Identify source servers network connectivity
  - Provide access credentials for servers to be used by [CloudRivo](#) Operations
2. [CloudRivo](#) Operations will coordinate and validate network connectivity and access to your source servers.
3. We will notify you when the migration process can begin.
4. We will work with you to perform the initial migration. You will be notified when the migration is complete. We will work with you to perform any required final data synchronization processes.
  - Elapsed time for the migration is dependent on data set size and network performance.
  - You can continue to use the source servers during the migration process
2. After you have authorized the final data synchronization, we will finalize the migration. When complete, you will be notified that resources are migrated into our cloud.
3. We will build your environment in our cloud using the migrated resources.
  - Configure workgroup/domain for the servers
  - Connect the servers to appropriate networks
  - If required we will also perform the following operations for each server:
    - Assign specific IP addresses (or elect to have them automatically assigned)
    - Provide specific OS licenses for Windows based servers (or elect to obtain a license from [CloudRivo](#))
    - Make final adjustments to server configurations

## Service Level Agreement

SLA INFORMATION IS TO BE PROVIDED BY PARTNER

---

## Roles and Responsibilities

INFORMATION TO BE VERIFIED AND/OR PROVIDED BY PARTNER

TASK	RESPONSIBILITY
CloudMigrate process (auto-discovery) initiation	CloudRivo and Client
Terms & Conditions	CloudRivo
Technical Support to client before, during and after migration	CloudRivo
Post successful migration - migrated server (hardware) operation, maintenance, management	CloudRivo
Post successful migration - hypervisor operation, maintenance, management	CloudRivo
Post successful migration - server operating system and application operation, customization, maintenance, management	CloudRivo and/or Client
Post successful migration - CloudRivo cloud platform operation, maintenance, management (HW and SW)	CloudRivo
Post successful migration - Server operating system, hypervisor, application, data etc. disposition at source location	CloudRivo and/or CLIENT

Contact US:

[Sales@CloudRivo.com](mailto:Sales@CloudRivo.com)

905-910-0094

[www.CloudRivo.com](http://www.CloudRivo.com)