

Edifixio helps Rémy Cointreau Group migrate Windows workloads to AWS using CloudEndure Migration service



Executive Summary

Rémy Cointreau Group migrated a big part of its IT infrastructure to AWS over the last five years.

In mid-2019, Edifixio was chosen and put in charge of managing Rémy Cointreau Group cloud infrastructure at AWS.

At the end of March 2020, Rémy Cointreau IT team requested Edifixio to migrate several remaining Windows servers to AWS cloud utilizing end-to-end migration process and strategy.

Customer Challenge

Challenges expected during migration of Windows Servers to AWS cloud:

- Perform a “lift & shift” migration of these servers.
- Maintain availability and minimize downtime of the applications during the migration.
- Minimize use of company IT resources due to availability reasons.

Partner solution

Considering the constraints and Edifixio’s successful cloud migrations with other customers, Edifixio proposed utilizing CloudEndure Migration service to perform this end-to-end migration.

Using CloudEndure we were able to simplify migration using the following steps:

- Preparation phase:
 - Installing CloudEndure Service agents on source servers.
 - CloudEndure account creation.
 - Creation of new AWS credentials to be used by CloudEndure console.
 - Configuring parameters via CloudEndure console.
 - Creation of temporary DNS entries for testing purposes
- Defining the full configuration of the target servers on AWS.
- Configure replication and perform testing.
- Continuous replication from source to target servers without impacting applications.
- Cutover, EC2 instances were launched via CloudEndure console on the target region.

About Rémy Cointreau



Rémy Cointreau is a French family-run Group whose origins date back to 1724.

The Group is also the result of successive partnerships with other companies active in the same wines and spirits business lines.

A love of our terroirs and the mastery of time have always been at the heart of our expertise. It is up to each and every one of us to allow this link between the land, people and time to coexist harmoniously side by side.

Backed up by a portfolio of striking, high-end brands, the group's aim is to establish itself as the world leader in exceptional spirits.

Results and Benefits

The project started beginning of April 2020 and lasted 2 months mainly due to business constraints and availabilities application owners.

Rémy Cointreau IT team recognized Edifixio's lift and shift migration skillset and selection of CloudEndure Migration as the main tool.

Project was successfully completed utilizing only a few members of the Rémy Cointreau IT team.

Takeaways

The following should be considered when using CloudEndure Migration:

- **Replication requirement:** The duration of replication depends on the source data volume, rate of change, and network throughput. The initial disk synchronization must be completed within a manageable period.
- **Cutover duration:** Starting an instance on AWS takes few minutes while the additional reconfiguration of the OS (Windows domain level) might take more time. Some external reconfigurations such as DNS change and routing propagation, may add to the overall duration.
- **Inside a Windows domain:** The source server and the target server can NOT run at the same time and stopping the source server will breaks the replication. Some resynchronization time may be necessary between 2 attempts and before the final cutover.
- **Testing step:** During the testing phase, a second Active Directory should be utilized for the cloned instances created as both source servers and target instances cannot simultaneously run in the same windows domain.

About Edifixio



Premier Consulting Partner since 2010, Edifixio has a significant experience in delivering **Cloud based infrastructures and applications** for its customers.

We are **AWS Cloud Managed Services Partner** having joined the MSP Partner program since day one.

Owners of the **Migration Competency**, our consultants are Solution Architect, SysOps Admin, DevOps Engineer and Development **AWS certified**.