

Assessment of Mid-Sized Datacenters for AWS Migration using MaaS

A UK-based leading global mobility solutions provider approached one of the Corent's partners to migrate the datacenters residing in the European region to AWS Cloud for a better Global Reach.

Our partner required a feasible solution to assess the customer's datacenters for Cloud Migration while complying with the security standards. Corent helped the partner in discovering and assessing the customer's datacenters using MaaS.

Challenges:

- Assessing the datacenters for migration compatibility without affecting the security standards
- Need relevant knowledge/resources to assess the datacenters and identify the IT assets and information about workload components available in the servers
- Choosing the correct AWS Cloud flavors and suitable migration methodologies for the servers
- Identifying the dependency map between servers/workload components

Solution:

- Rightsized Cloud flavors were suggested based on performance/utilization data of the servers
- Identified the links between the servers by tracing the transactions/connections between different servers/workload components
- Provided advanced optimization recommendations in the form of PaaS advisories which can be implemented during migration
- Based on the disk size identified by MaaS, appropriate type of AWS Snowball configuration was used

Result:

Using Corent's MaaS, our partner helped the customer by providing a complete overview of all the workload components available in the servers and details about the IT assets related to their datacenter. The detailed analysis reports provided by MaaS facilitated them in planning their migration to AWS without any hassle.

MaaS identified the complete IT assets map with a comprehensive report which enabled them to make informed decisions during Cloud migration.



Project Overview:

The customer's environment had around 101 servers running on VMware in a private datacenter. The OS used by servers includes both Windows and Linux. To ensure the security of data available in the environment, the environment was scanned using a unique solution provided by Corent for private environments/private Clouds. MaaS scanned and assessed the entire environment within a few hours of time.

BENEFITS:

- ✓ Data security while at rest and in transit
- ✓ Assessment completed within a very short period
- ✓ Inventory generation of IT assets/ workload components without asset owner dependency
- ✓ Risk reduction with TCO projection

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