

Assessment of Workloads in Datacenter for AWS Cloud Migration using SurPaaS® MaaS™

A US-based leading global media and entertainment company selected Corent's SurPaaS® MaaS™ for its competency in AWS Cloud migration assessment.

As the entity had set up a large number of servers in their datacenter for providing uninterrupted services to the customers, it had to be carefully assessed to identify the running applications and the link between the servers for migration. SurPaaS® MaaS™ helped its customer in discovery and application profiling by thoroughly and securely assessing their datacenter for AWS Cloud migration.

Challenges:

- Discovering the servers with end-of-life OS for migration
- Identifying and mapping large number of servers with applications
- Difficulty in prioritizing large number of servers available in the datacenter for migration
- Assessing the online media streaming application without affecting its performance

Solution:

- Identification of workloads and its mapping for better migration strategy planning
- TCO estimation for building a detailed Cloud migration strategy through scan and comprehensive assessment of application
- Prioritization of servers for migration based on complexity identified using SurPaaS®' intelligent algorithm
- Discovery of servers with end-of-life OS and high CPU, network & storage utilization rates for performance improvement

Result:

With the quick and complete assessment by SurPaaS® MaaS™, the business leaders were able to obtain an insight about the servers available in their datacenter as well as the resources and services offered by AWS Cloud.

A leading media and entertainment company thoroughly assessed their complete datacenter for AWS Cloud migration with ease, using Corent's SurPaaS® MaaS™

Project Overview:

The datacenter had 1600+ servers running across multiple subnets, out of which around 100 subnets were in various locations across the US. The operating systems of these servers include both Windows and Linux of different versions. Despite the complexity of identifying application move groups, Corent's SurPaaS® assessed the entire environment within 1 week.

BENEFITS:

- ✓ Identification of servers in communication with scanned servers
- ✓ Smart OS advisories for servers with end-of-life OS
- ✓ Suggestions to choose PaaS and other advanced services of AWS Cloud
- ✓ Advisories to improve performance of servers with multiple running applications

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