

Rehabilitation Organization in US

Migration to Microsoft Azure using MaaS

Pyramid Consulting, a major partner of Corent in Cloud Assessment and Migration, is a business technology solutions firm that helps organizations navigate the digital transformation by applying progressive technology solutions.

Peckham, Inc., a nonprofit community vocational rehabilitation organization, approached Pyramid Consulting to assess and migrate their datacenter to Cloud. Pyramid Consulting utilized Corent's MaaS, a fully automated Cloud Assessment and Migration Platform, to plan and execute a customized strategy for seamless migration of the customer's datacenter to Cloud.

Challenges:

- Need relevant knowledge/resources to assess the datacenter, plan & execute Cloud migration and deploy applications
- Identifying the dependency map between servers/workload components
- 10 TB server data need to be migrated to Cloud using 5 Vanguards in a short period without data loss
- Migrating a server with User Profile Disks (UPD) to Cloud
- Evaluating and comparing the migration costs for multiple Clouds

Solutions:

- Lift & shift methodology for rapid migration of the datacenter to Microsoft Azure using MaaS
- Dependency mapping capability of MaaS was utilized to identify the external communication links of servers for better migration planning
- Rapid migration of the complete data to Microsoft Azure using MaaS' diverse Cloud expertise
- Server with User Profile Disks (UPD) was migrated on customer scheduled time without data loss
- Comprehensive assessment reports were generated with a detailed comparison of costs between multiple Clouds
- Continuous data synchronization until cutover to ensure that the data are synchronized during migration

Benefits:

- ✓ No data loss and near-zero downtime during migration
- ✓ Manual effort eliminated due to automated lift & shift migration
- ✓ Comprehensive cost analysis between multiple Clouds
- ✓ Scheduled migration as per customer needs
- ✓ Performance-based Cloud flavor recommendations
- ✓ Servers are migrated with same IP addresses to avoid Application configuration and DNS propagation

Result:

Using MaaS, Pyramid Consulting helped Peckham, Inc. to analyze the servers in their datacenter and migrate them to Microsoft Azure within a short period. Peckham, Inc. was able to gain an in-depth understanding of their datacenter using the MaaS-generated reports and perform their Cloud migration to Microsoft Azure with ease.



Pyramid Consulting was able to securely migrate customer's datacenter to Microsoft Azure using MaaS' optimized migration strategies.



Project Overview:

The datacenter had 33 servers, a mix of both virtual and physical servers, running on Windows and Linux operating systems. 1 Vanguard was used to perform the datacenter scanning and 5 Vanguards were used for datacenter migration. MaaS scanned & assessed the entire environment using agentless scanning methodology and migrated the same using Lift & Shift methodology. The project was completed within 4 weeks.