

Accelerated Cloud Assessment and Migration Planning with MaaS

INTRODUCTION

A top-tier U.S. food manufacturing and foodservice provider initiated a large-scale cloud transformation. To support its cloud transformation initiative, the organization sought comprehensive visibility into its infrastructure landscape, application dependencies, migration readiness, and cloud costs.



INDUSTRY & REGION FOCUS

Operating within the Food & Beverage industry in Ohio, USA, the client required an efficient and scalable approach to assess its IT environment and establish a roadmap for cloud adoption.

PROJECT OVERVIEW

The project involved scanning and assessing over 250 Windows and Linux servers using a single Vanguard deployment. MaaS generated infrastructure assessment reports for the AWS Ohio region, enabling cloud readiness analysis, dependency mapping, migration planning, and Total Cost of Ownership (TCO) assessment.

CHALLENGES

- ▶ Identifying in-scope servers and IP addresses across the datacenter
- ▶ Understanding application and infrastructure dependencies
- ▶ Evaluating cloud readiness and migration costs
- ▶ Planning migration for End-of-Life (EoL) servers
- ▶ Achieving accurate cloud right-sizing recommendations
- ▶ Estimating post-migration network costs



SOLUTIONS

- + Leveraged automated network discovery to identify servers and IPs across datacenter subnets
- + Captured communication ports, processes, and process IDs to map workload dependencies
- + Performed TCO assessments across multiple cloud pricing models
- + Recommended OS upgrades, PaaS services, or containerization alternatives
- + Applied utilization-based analysis with capacity buffers for optimal sizing
- + Analyzed traffic patterns and generated cloud network cost estimates

RESULT

MaaS provided the client with a validated cloud migration roadmap through infrastructure discovery, dependency mapping, migration readiness analysis, TCO modeling, and right-sizing recommendations, enabling informed cloud decisions while reducing planning effort and migration risk.

BENEFITS

- Accelerated Assessment** Successfully scanned and assessed over 250 servers using a single Vanguard deployment.
- Dependency Visibility** Revealed application and infrastructure dependencies
- Cost Optimization** Identified the most cost-effective cloud deployment options
- Migration Readiness** Established modernization pathways for End-of-Life workloads
- Improved Right-Sizing** Optimized sizing accuracy while reducing over-provisioning
- Budget Predictability** Predicted cloud networking costs more accurately



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