

# Deep Insight for AWS Migration from Device42



## EXECUTIVE SUMMARY

- ✓ A large managed vacation rental company in Europe needed to assess its vast, complex IT enterprise in detail prior to cloud migration.
- ✓ The organization originated from multiple acquisitions of smaller companies combined with rapid organic growth. As a result, its IT enterprise was a combination of many different, often disconnected parts that had not previously been assessed holistically.
- ✓ A team from Wipro conducted an automated discovery and service mapping project for 1,500 devices within the organization's IT enterprise using Device42.
- ✓ The technology provided rapid results and a clear roadmap to infrastructure and operations improvements now, so that their journey to Amazon Web Services (AWS) could be a smooth one.

## Overview

A large multinational vacation rental company has grown rapidly in recent years. In the process of their development, the organization added significant complexity to its IT enterprise. Leadership began the process of improvement like many organizations, with a plan for cloud migration. For a successful migration, they needed details of their exact starting point.

However, their IT infrastructure and operations had layers of complexity that could have made a detailed evaluation of their environment virtually impossible manually. With Device42, the company quickly had a clear, automated view of their enterprise and can now move ahead to AWS with confidence.

## The Challenge

After a period of consolidation, corporate leadership at the organization began to evaluate their combined IT enterprise. They determined to move away from multi-layered on-premises data centers and legacy software towards a more responsive, modern IT landscape.

To keep their customers delighted while reducing complexity and overhead, the company plans to move much of their operations from physical data centers to AWS. The company selected Wipro to build the business case for migration.

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“Our client operates multiple data centers across Europe and the United Kingdom,” says Kiran Desai, Senior Vice President and Global Head, Cloud and Infrastructure Services, Wipro Limited. “Before we could move their operations to the cloud, we needed to perform a thorough audit of all they have now including asset inventory, and take into account licenses, end-of-life technologies, renewals and more.”

The initial plan was to complete a thorough assessment of the existing environment with a commercial view that included all devices and dependencies. This was a tall order. The client company had eight data centers and contained 8,000 VMs, 1,600 applications and six petabytes of storage. Many assets had been added to the enterprise through acquisitions. An accurate account of exactly what was in the full enterprise had never been undertaken.

## The Solution

The Wipro team selected Device42 discovery and service mapping to provide the deep and wide visibility needed to properly assess the enterprise. “Device42 gave us the data required to determine what could be re-hosted, re-platformed, re-architected or repurchased for AWS,” says Desai.

The assessment plan was originally made for a six-week program, but work was stopped at week two as a result of COVID-19. The process continued a few weeks later to complete within ten weeks.

“Without Device42, the process would have taken at least 15 weeks without interruption,” says Desai. “For now, the organization has put the actual migration process on hold as a result of the pandemic, but the team continues to keep a clear view of the entire enterprise with Device42.”

## Results

“Device42 gave us the insight to streamline our infrastructure and applications right away. With the entire IT estate fully and reliably discovered, we used its ability to create affinity groups to plan specific move groups to AWS and prioritize the process,” he says. “There’s no better way to make an intelligent move to AWS.”



A successful cloud strategy requires details. Our client’s environment was very complicated and included integrations with a variety of banking technologies on the mainframe.

— Kiran Desai

## About Device42

Device42 is the most comprehensive agentless discovery system for hybrid IT available. It includes specialized storage discovery with details on capacity and utilization from the array perspective. It also provides end-to-end visibility to identify dependencies between applications and storage.