HPE SIMPLIVITY HYPERCONVERGED INFRASTRUCTURE CASE STUDY

Carolina Sunrock

Introduction

This case study of Carolina Sunrock is based on a September 2016 survey of HPE SimpliVity Hyperconverged Infrastructure customers by TechValidate, a 3rd-party research service.

“By using HPE SimpliVity, I spend far less time watching VCenter and checking backups and the like.”

Challenges

The business challenges that led the profiled company to evaluate and ultimately select HPE SimpliVity Hyperconverged Infrastructure:

- Purchased HPE SimpliVity as a result of a capacity purchase/upgrade of existing infrastructure that led to an overall platform review.
- Prior to deploying HPE SimpliVity, they found the management of multiple solutions and vendors to be manageable, but not ideal.

Use Case

The key features and functionalities of HPE SimpliVity Hyperconverged Infrastructure that the surveyed company uses:

- Uses HPE SimpliVity in the following ways:
  - Data center consolidation / private cloud
  - Infrastructure modernization / technology refresh
- Runs the following types of applications on HPE SimpliVity:
  - Microsoft Exchange
  - Microsoft SQL Server
  - Industry-specific application (e.g., 911 system, healthcare application, legal case management, CAD/CAM, etc.)

Results

The surveyed company achieved the following results with HPE SimpliVity Hyperconverged Infrastructure:

- Improved performance by 50% to 75% with HPE SimpliVity
- Realized a capacity savings of 50:1 to 100:1 with HPE SimpliVity
- Deployed new workloads, including allocating compute and storage resources, and configuring data protection policies, in the following amount of time:
  - After HPE SimpliVity: up to 1 day
  - Before HPE SimpliVity: 1 day – 1 week
- Realized value in 1 week after the deployment of HPE SimpliVity.
- Ranks the value of the following HPE SimpliVity features:
  - Global federated management: highly valuable
  - Hyperconverged appliance: highly valuable
  - VM-centric management via vCenter: highly valuable
  - Inline dedupe, compression: extremely valuable
  - Integrated data protection: extremely valuable

Source: James Malone, System Administrator, Carolina Sunrock

About HPE SimpliVity

Hyperconverged Infrastructure

HPE SimpliVity hyperconverged technology brings all IT infrastructure and data services below the hypervisor into a single compact data center appliance. The HPE SimpliVity 380, based on the world’s best-selling server, is a compact, scalable building block that delivers server, storage, backup and DR in a 2U appliance.

Powerful, simple and efficient, the HPE SimpliVity 380 includes built-in backup and bandwidth-efficient replication to help ensure data integrity and availability. Get guaranteed data efficiency, data protection, and at least 90% capacity savings with technology that improves application performance and virtually eliminates unnecessary data processing.