HPE SIMPLIVITY HYPERCONVERGED INFRASTRUCTURE CASE STUDY

BYU College of Life Sciences

Introduction

This case study of BYU College of Life Sciences is based on a May 2016 survey of HPE SimpliVity Hyperconverged Infrastructure customers by TechValidate, a 3rd-party research service.

Challenges

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

- Purchased HPE SimpliVity as a result of a mandate / desire to implement DR and/or improve backup/recovery.
- 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 organization uses:

- Uses HPE SimpliVity in the following ways:
  - Data center consolidation / private cloud
  - Production applications
- Runs the following type of application on HPE SimpliVity:
  - Microsoft SQL Server

Results

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

- Improved performance by up to 25% with HPE SimpliVity.
- Realized a capacity savings of up to 50:1 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: up to 1 day
- Realized value in 1 to 3 months after the deployment of HPE SimpliVity.
- Ranks the value of the following HPE SimpliVity features:
  - Global federated management: highly valuable
  - Hyperconverged appliance: extremely valuable
  - VM-centric management via vCenter: highly valuable
  - Inline dedupe, compression: highly valuable
  - Integrated data protection: extremely valuable

Source: Brent Runyan, Server Infrastructure Professional, BYU College of Life Sciences

Research by TechValidate

Validated:

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Organization Profile

Organization: BYU College of Life Sciences

Industry: Educational Institution

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.

Learn More: