Weeks Medical Center

Introduction

This case study of Weeks Medical Center is based on a May 2016 survey of HPE SimpliVity Hyperconverged Infrastructure customers by TechValidate, a 3rd-party research service.

"HPE SimpliVity has been such a benefit to our organization. The reduction in data center resources was amazing. The reduction in staff time for general management and maintenance was a huge benefit. Staff spends so much less time for routine tasks. The savings on backup management cannot be understated."

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 a significant burden.

Use Case

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

- Uses HPE SimpliVity OmniCube in the following ways:
  - Data center consolidation / private cloud
  - Infrastructure modernization / technology refresh
  - Production applications
  - Test/dev and QA
- Runs the following types of applications on HPE SimpliVity:
  - Oracle
  - Microsoft Exchange
  - Microsoft SQL Server
  - Microsoft SharePoint
  - 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 25% to 50% with HPE SimpliVity.
- Realized a capacity savings of 100:1 to 200:1 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 week - 1 month
- Realized value in 1 week after the deployment of HPE SimpliVity.
- Ranks the value of the following HPE SimpliVity features:
  - Global federated management: extremely valuable
  - Hyperconverged appliance: extremely valuable
  - VM-centric management via vCenter: extremely valuable
  - Inline dedupe, compression: extremely valuable
  - Integrated data protection: extremely valuable

Source: Darrell Bodnar, IT Director, Weeks Medical Center
Published: Apr. 25, 2017
TVID: TVID-6206-887
Research by