Hewlett Packard Enterprise

HPE SimpliVity 380

Converged Systems

What's new

- HPE SimpliVity 380, now adding support for Microsoft Hyper-V Server 2016.
- HPE SimpliVity 380 for Hyper-V is managed through Microsoft System Center 2016 Virtual Machine Manager

Overview

Is complexity in your data center slowing you down?

The HPE SimpliVity 380 gives IT leaders the agility and economics of the cloud with the control and governance of on-premises IT. It delivers a powerhouse hyper converged solution capable of running some of the world's most efficient and resilient data centers [1]. This solution dramatically simplifies IT by combining infrastructure and advanced data services for virtualized workloads onto the bestselling server platform in the market. HPE SimpliVity 380, available on HPE ProLiant DL380 Servers, is a compact, scalable 2U rack-mounted building block that delivers server, storage, and storage networking services. It also delivers a complete set of advanced functionalities that

enables dramatic improvements to the efficiency, management, protection, and performance of virtualized workloads at a fraction of the cost and complexity of today's traditional [2] infrastructure stack.

Features

Complete Hyper Convergence in a Fully Integrated System

The HPE SimpliVity 380 combines x86 resources, storage, and storage networking in a single hyper converged system with advanced functionality.

Simplifies management and delivers outstanding cost efficiency and agility.

Increased visibility and control with unified management.

Delivers rapid deployment so you can respond to business needs faster.

Unify virtual machines and infrastructure tasks to reduce virtual machine (VM) sprawl and overprovisioning.

Peak and Predictable Performance

The HPE SimpliVity 380 delivers an all-flash solution delivering predictable and near linear performance at near-wire speeds while reducing latency.

Hardware-assisted in-line deduplication, compression, and optimization helps reduce I/O and network traffic.

On Demand Scale-in and Scale-out

The HPE SimpliVity 380 can easily expand or contract configurations as your needs change.

Each node supports a large number of fully protected virtual machines (VMs).

A networked collection of nodes at both local and remote sites are managed as a single entity.

Advanced Data Services

The HPE SimpliVity 380 delivers always-on deduplication and compression to significantly reduce capacity utilization.

Built-in resiliency, backup, and disaster recovery for data protection.

Policy-based, virtual machine (VM) centric management to streamline operations.

HPE Pointnext

HPE Pointnext leverages our breadth and depth of technical expertise and innovation to help to accelerate digital transformation. A comprehensive portfolio that includes—Advisory, Professional, and Operational Services is designed to help you evolve and grow today and into the future.

Operational Services

- **HPE Flexible Capacity** is a new consumption model to manage on-demand capacity, combining the agility and economics of public cloud with the security and performance of on-premises IT.

- **HPE Datacenter Care** offers a tailored operational support solution built on core deliverables. It includes hardware and software support, a team of experts to help personalize deliverables and share best practices, as well as optional building blocks to address specific IT and business needs.

- **HPE Proactive Care** is an integrated set of hardware and software support including an enhanced call experience with start to finish case management helping resolve incidents quickly and keeping IT reliable and stable.

- **HPE Foundation Care** helps when there is a hardware or software problem offering several response levels dependent on IT and business requirements.

Advisory Services includes design, strategy, road map, and other services to help enable the digital transformation journey, tuned to IT and business needs. Advisory Services helps customers on their journey to Hybrid IT, Big Data, and the Intelligent Edge.
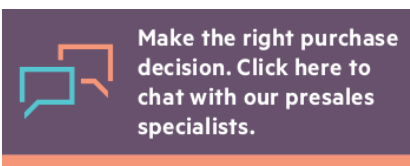
Professional Services helps integrate the new solution with project management, installation and startup, relocation services, and more. We help mitigate risk to the business so there is no interruption when new technology is being integrated in the existing IT environment.

[1] IDC Server Tracker, CQ1 2016

[2] The Total Economic Impact Of HPE SimpliVity hyper converged infrastructure, Forrester Consulting, November 2015

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