

HPE SimpliVity 380 Overview HOLP9AAE

HPE course number	HOLP9AAE
Course length	1 Hour
Delivery mode	Self paced
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This course provides a basic overview of the components and the underlying architecture of the HPE SimpliVity 380 solution, as well as its scalability and resiliency features. It introduces the concept of the Data Virtualization Platform and explores its functionalities and benefits regarding I/O savings, bandwidth reduction, data efficiency, VM-centric management, and data protection.

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Audience

- Engineers, system administrators, technicians, and anyone who would like to become introduced to the HPE SimpliVity solution.

Prerequisites

- Participants of this course should be familiar with VMware vSphere; however, this is not mandatory.

Course objectives

By the end of the course, you should become familiar with

- The position of HPE SimpliVity in the evolution of hyperconvergence
- HPE SimpliVity 380 architecture
- Data Virtualization Platform
- HPE SimpliVity 380 scalability features
- HPE SimpliVity 380 benefits
- HPE SimpliVity resiliency and disaster recovery features

Detailed course outline

Section 1: Hyperconvergence with HPE SimpliVity	<ul style="list-style-type: none"> The evolution of hyperconvergence 	<ul style="list-style-type: none"> How does HPE SimpliVity simplify infrastructure management?
Section 2: HPE SimpliVity architecture	<ul style="list-style-type: none"> HPE SimpliVity 380 Gen10 overview HPE OmniStack Virtual Controller (OVC) HPE OmniStack Accelerator Card (OAC) 	<ul style="list-style-type: none"> HPE SimpliVity 380 node architecture Data Virtualization Platform layers Virtual machine write and read operations
Section 3: Data Virtualization Platform	<ul style="list-style-type: none"> How does Data Virtualization Platform operate locally? 	<ul style="list-style-type: none"> How does Data Virtualization Platform operate across multiple sites?
Section 4: Scalability	<ul style="list-style-type: none"> HPE SimpliVity 380 model specifications Building an HPE SimpliVity cluster 	<ul style="list-style-type: none"> Building an HPE SimpliVity Federation Global scale
Section 5: HPE SimpliVity 380 benefits	<ul style="list-style-type: none"> Data efficiency Global VM-centric management and mobility 	<ul style="list-style-type: none"> Built-in resiliency, backup, and disaster recovery
Section 6: Resiliency and disaster recovery	<ul style="list-style-type: none"> How is data protected? Node-level resiliency HPE OmniStack Accelerator Card resiliency 	<ul style="list-style-type: none"> Cluster-level redundancy Site-level protection HPE SimpliVity RapidDR

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