



# HPE Hyper Converged System Administration (HC380 and SimpliVity) HOLP9S

This 2-day course provides information on installation, configuration, and management tasks for HPE Hyper Converged 380 system. The course covers pre-installation, installation, and configuration tasks for the HPE HC 380 system using HPE OneView InstantOn and administration of HPE HC 380 system with the Management User Interface.

## HPE Hyper Converged System Administration (HC380 and SimpliVity)

**Price** USD \$1,600

**Links to local schedules, pricing and registration** [US/Canada](#)

**HP course #** HOLP9S

**Category** ConvergedSystem

**Duration** 2 days

## Special note

**In USA/Canada sessions, instructor will also cover an overview of SimpliVity features below as a chalk talk and demo.**

HPE SimpliVity 380 "Chalk-Talk":

- SimpliVity Architecture: OmniStack Data Virtualization
- SimpliVity User Interface Overview
- SimpliVity Backup /Restore
- SimpliVity Datastore, Clones
- SimpliVity Data Paths

## Audience

This course is intended for Infrastructure administrators and System engineers who are looking to learn Hyper Converged system installation, configuration, and administration techniques.

## Prerequisites

HPE recommends that students have attended the following courses or attained the following levels of experience before taking this class:

- Access Layer network technologies
- VMware vSphere 6
- Microsoft Cloud Platform System Standard
- HPE ProLiant Servers
- HPE StoreVirtual
- HPE OneView basics

## Course objectives

Upon completion of this training the participant will be able to:

- Describe the HPE Hyper Converged product portfolio and the individual product physical characteristics and software architecture
- Explain the steps which are necessary to install, configure, and administer HPE HC 380
- Configure the HPE HC 380 using HPE OneView InstantOn
- Use the HPE HC 380 Management User Interface

## Course outline

### Introduction to Hyper Converged

- What is HPE Hyper Converged?
- Why is HPE Hyper Converged pre-engineered?
- What is the HPE Hyper Converged portfolio? – HC380 / HC250 for VMware / HC250 for Microsoft

### HPE Hyper Converged 380 (HC 380)

- HPE HC 380 use cases
- HPE HC 380 Physical Characteristics
  - HPE ProLiant DL380 Gen9 overview
  - HPE HC380 scaling and configuration choice points
  - HPE HC380 physical differences for workloads
- HPE HC 380 Software Architecture
  - VMware® vSphere 6
  - HPE OneView
  - HPE StoreVirtual VSA overview
  - OneView InstantOn
  - VMware® vCenter overview
  - HPE OneView for vCenter overview
  - HPE OneView User Experience
  - HPE CloudSystem 9
- HPE HC 380 Installation
  - Pre-installation worksheets
- HPE HC 380 Configuration
  - Configuring the network switches
  - Powering on all nodes
  - Configuring a laptop or workstation to access the system
  - Testing network connectivity
  - Configuring the HC380 using HPE OneView InstantOn
  - Installing the HC380 Management UI
  - Creating datastores
  - User roles
  - Configuring LDAP or Active Directory
  - Password recommendations
- HPE HC 380 Administration
  - HPE Hyper Converged 380 Management User Interface
  - High-level overview of HC 380 Management UI
  - Powering the HC380 system on and off
  - HPE Helion CloudSystem power-on
  - System recovery
  - HPE HC 380 Node Expansion
  - Manage and monitor storage
  - Using vCenter instead of HC380 Mgmt UI
  - Troubleshooting tips

**Lab Outline**

- Explore the HC 380 pre-installation worksheets
- Initial configuration of the HC 380 system using HPE OneView InstantOn
- Additional configuration of the HC 380 system
- Explore the HC 380 Management UI
- HC 380 Management UI operations
- HC 380 Management and monitoring operations

Learn more at

**[hpe.com/us/training/convergedsystems](http://hpe.com/us/training/convergedsystems)**