HPE OneView QuickStart: Test Drive Composability H7H10S

HPE OneView QuickStart: Test Drive Composability

Price	USD $800
Links to local schedules, pricing and registration	US/Canada
HPE course #	H7H10S
Category	ConvergedSystems
Duration	1 day

This one day Test Drive Composability (TDC) training provides hands-on experience with HPE OneView and HPE Composable Infrastructure.

By the end of the day, students will learn to provision their infrastructure using a single line of code. This course equips participants with core capabilities to manage, configure, and provision with HPE OneView. An architectural overview ensures a high level understanding of the associated managed equipment: Rack, Server, HPE BladeSystem c-Class enclosures, HPE Virtual Connect Networking and Storage. Hands-on-labs provide participants with specific use cases to create and deliver value instantly. This updated course features HPE OneView 4.1 or newer lab environment.

Special note

- This one day HPE OneView QuickStart hands-on course is targeted at customers and partners who want to jumpstart their HPE OneView implementation and quickly learn key HPE OneView features. It also provides existing HPE Insight Control customers with a h ands-on introduction for assessment and migration to the HPE OneView management tool
- This course can be taken after completing any HPE BladeSystem, ProLiant, VMware, Storage or Networking administration courses for fast hands-on exposure to HPRE OneView features and product integration
- HPE encourages customers who need deeper technical skills in HPE OneView administration with Virtual Connect network and storage configuration, and scripting skills to consider H4C04S HPE OneView Administration. This course addresses the use of HPE OneView management software for performing day-to-day administration and troubleshooting tasks for HPE Servers and Converged Infraestructure
- To view HPE OneView Curriculum path, click here

Audience

- Anyone interested in moving to HPE next generation server and storage management platform, especially those who want to jumpstart HPE OneView implementation

- System administrators, engineers, and consultants who want to understand capabilities of HPE OneView features
- Decision makers or influencers of server/enterprise management software decisions

Prerequisites

- Basic networking experience
- HPE ProLiant or equivalent server management experience

Course objectives

By the end of the course, students should be able to achieve the following objectives:
- Understand HPE OneView structurally
- Configure basic networking and storage using the OneView user interface
- Provision infrastructure using a single line of code

Test Drive Composability Overview

Module 1: Composability and Course Overview
Module 2: HPE OneView Overview
Module 3: HPE OneView BladeSystem Integration and HPE c7000 Enclosure Overview
Module 4: HPE OneView Lab Use Case Configuration
Module 5: Composability Test Drive: Managing Server Profiles

Labs:
- Lab 1: Install and Initial Configuration
- Lab 2: Configuring Networks
- Lab 3: Configuring Storage
- Lab 4: Configuring Logical Interconnect Groups
- Lab 5: Managing Enclosure Groups & Enclosures
- Lab 6: Monitoring Health and Environment
- Lab 7: Managing Server Profiles

Course outline

Module 1: Composability
- Introduction to Composability
- Modern IT Infrastructure and the Idea Economy
- 100% Programmable Infrastructure
- Fluid Pools of Compute, Storage and Fabric
- Innovation at the velocity of a Cloud Giant

Module 2: HPE OneView Overview
Datacenter processes
- HPE OneView 4.1 and later
- HPE OneView tasks
- Provision infrastructure
- HPE OneView setup
- Provisioning infrastructure supporting workloads
- Virtual connectivity overview
- Traffic from workload to edge
- Logical Interconnect Group as a template
- Virtual connectivity template

- Provisioning from server workload to data center switching
- How Flex technology works
- Enabling Active/Active in OneView
- HPE OneView FC0E SAN connectivity
- HPE OneView Storage Options
- HPE OneView licensing
- Connectivity
- HPE OneView networks
- Enclosures and Logical Interconnect Groups
- OneView server profiles
- Firmware bundles
- Environment components
- Utilization metrics
- Activity, Alerts, and Tasks
- Customizable OneView Dashboard
- HPE OneView Reporting
- HPE OneView email notifications
- HPE OneView for VMware vCenter
- HPE OneView for Microsoft System Center

Module 3: HPE OneView BladeSystem Integration and HPE c7000 Enclosure Overview
- HPE BladeSystem c7000 enclosures
- HPE ProLiant c-Class
- HPE ProLiant BL400 series server blades
- HPE ProLiant BL600 series server blades
- Adapters and mezzanines
- HPE Virtual Connect interconnects
- Virtual Connect environment
- HPE BladeSystem c7000 OA module ports
- HPE Onboard Administrator Failover
- HPE OneView study by Demartek
- Independent management and production networks
- HPE BladeSystem Insight Display
- Insight Display initial setup wizard
- HPE Onboard Administrator first time setup wizard
- Insight Display health summary
- Insight Display errors
- EBIPA: Assigning a Static IP address to the iLO and Virtual Connect
- Enclosure Bay IP Addressing
- Backing up a configuration
- HPE Onboard Administrator User Accounts
- Managing HPE iLO Users
- Redundant Onboard Administrator IP configuration
- Onboard Administrator SYSLOG
- The Onboard Administrator VLAN feature
- LDAP
- Command Line overview
- HPE Onboard Administrator CLI scripting
- HP Integrated Lights Out scripting
- CLI: hponcfg
- HPE scripting tools for Windows PowerShell

Module 4: Lab Environment Use Case Configuration
- HPE OneView study by Demartek
- HPE Virtual Connect FCoE Cookbook
- Physical cabling example
- Uplink configurations
- Lab configuration example
- Hardware environment
- 3PAR SAN environment

Module 5: The Composability Test Drive: Managing Server Profiles
- Infrastructure as Code
- Provisioning a single line of code
- HPE Synergy Overview and HPE Global Dashboard

Learn more at

hpe.com/us/training/convergedsystems

Hewlett Packard Enterprise