Hewlett Packard Enterprise

Using HPE OneView Rev. 21.41 (0001135152) H7H11S

HPE course number	H7H11S
Course length	3 days
Delivery mode	ILT/VILT
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This course teaches the HPE OneView 6.X infrastructure management solution. It is the supporting training course for the exam requirement in the certification, HPE Product Certified – HPE OneView [2021].

The HPE OneView Product Certification requires knowledge of all aspects of HPE OneView management, including:

- The HPE OneView ecosystem, including integration points and basics of REST API and PowerShell scripting
- The HPE OneView installation process (appliance and HPE Composer) and initial setup
- Connectivity management using HPE OneView
- Storage management using HPE OneView
- Server/frame/enclosure management using HPE OneView
- Server profile management using HPE OneView
- Security and data center management using HPE OneView
- Basic troubleshooting and maintenance procedures for HPE OneView
- Integration plugin-ins
- How to recommend and demonstrate

Audience

Ideal candidates for this course need to learn how to describe, position, recommend, and demonstrate HPE OneView technologies to meet a customer's business and technology requirements. Typical candidates are:

• Sales consultants

• Technical consultants

• Sales engineers

• Systems engineers

• Pre-sales engineers

Course objectives

After you successfully complete this course, you should be able to describe and explain the ecosystem, installation, connectivity, and management of HPE OneView. This course prepares participants for the HPE Product Certified - HPE OneView [2021] certification exam.

The HPE OneView Product Certification covers all aspects of HPE OneView management, including:

• The HPE OneView ecosystem including integration points and basics of REST API and PowerShell scripting

• The HPE OneView installation process (appliance and HPE Composer) and initial setup

• Connectivity management using HPE OneView

• Storage management using HPE OneView

• Server/frame/enclosure management using HPE OneView

• Server profile management using HPE OneView

• Security and data center management using HPE OneView

• Basic troubleshooting and maintenance procedures for HPE OneView

• Integration plugin-ins

Detailed course outline

Module 1: HPE OneView Introduction	• Describe the HPE OneView ecosystem	• Explain HPE OneView licensing options
	• Identify HPE OneView implementation and access methods	• Understand how REST API and PowerShell scripting helps automate the environment

Module 2: HPE OneView Installation and Initial Setup	• Describe the HPE OneView for HPE Synergy configuration process	• Explain the HPE OneView first access and initial configuration steps
	• Describe the HPE OneView appliance installation and configuration process	

Module 3: Managing Networking in HPE OneView	• Describe the high level HPE OneView configuration process	• Explain logical resources in HPE OneView (logical interconnect group, enclosure group, and logical enclosure)
	• Describe HPE Virtual Connect technologies	• Describe basics of ToR switch management
	• Create networks and network sets using HPE OneView	

Module 4: Managing HPE Storage Using HPE OneView	• Identify the supported storage components and integration model in HPE OneView	• Explain the process of adding supported HPE storage devices to HPE OneView
	• Understand the process of adding a SAN manager and SAN configuration to HPE OneView	• Describe volume and logical JBOD management using HPE OneView

Module 5: Managing HPE Servers Using HPE OneView	• Explain management of HPE ProLiant and HPE Apollo servers using HPE OneView	• Explain HPE OneView features for HPE Superdome Flex
	• Understand management of HPE BladeSystem using HPE OneView	

Module 6: Managing Server Profiles Using HPE OneView	• Describe the server profile template and the server profile concepts	• Explain additional server profile management options
	• Explain the process of creating a server profile template for managed servers	• Explain the hypervisor cluster profile concept

Module 7: Managing Data Center Management and Security in HPE OneView	• Describe data center management features in HPE OneView	• Explain security concepts used in HPE OneView

Module 8: Troubleshooting and Maintaining HPE OneView	• Explain the HPE OneView update process	• Discuss available report options
	• Describe basic HPE OneView troubleshooting and maintenance procedures	

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