



Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Designing HPE Nimble Solutions

CODE:	LENGTH:	PRICE:
HPE-DNS	16 Hours (2 days)	\$1,800.00

Description

The Designing HPE Nimble Solutions course is an instructor-led course. This course teaches students how to identify, recommend, and explain HPE Nimble storage solutions. It covers the HPE Nimble hardware and software, initial configuration, HPE Nimble Storage Volumes, snapshots, and replication. The course uses participant centered learning and hands-on labs. This course prepares the Learner for the HPE Product Certified - Nimble Solutions [2018].

Objectives

After you successfully complete this course, expect to be able to:

- Describe the AF-Series hardware
- Explain Scale-to-Fit with the CSx000
- Describe the AF-Series Write Operations
- Explain how to access and navigate the NimbleOS WebUI
- Navigate the InfoSight Customer portal
- List port and firewall considerations
- Analyze the NimbleOS event log
- Create protection templates
- Configure access control and initiator groups
- Describe the need to add RPO, RTO and Change Rate definitions
- Explain how replication works
- Discuss the replication considerations

Audience

Typical candidates for this course are IT, facilities or data center professionals, who work in and around the data center and who have the responsibility to achieve and improve the availability and manageability of the data center. Typical candidate job roles include but are not limited to Pre-sales Architects, Pre-sales Engineers, Enterprise Architects, Solutions Engineers, and Technology Architects.

Program

Topics	Module 1: AF-Series introduction	Module 2: The Adaptive Flash Array (CS-Series)	Module 3: NimbleOS architecture
	Describe the AF-Series hardware	Describe the CSx000 hardware	Describe the AF-Series Write Operations
	Explain Scale-to-Fit with the AF-Series	Explain Scale-to-Fit with the CSx000	Deduplication
			Compression
			Sequential stripe writes
			Triple+ Parity with Integrated Spare
			Integrated spare rebuild
			Quick RAID rebuild
			SmartSecure Encryption
			Describe the AF-Series Read Operations
			Changed block operations
			Describe the CSx000 Write Operations
			Describe the CSx000 Read Operations

Module 4: NimbleOS WebUI introduction

Explain how to access and navigate the NimbleOS WebUI

Explain user administration

Describe how to use Microsoft's Active Directory with user administration

Explain how to monitor the array with the WebUI

Explain how to update NimbleOS

Module 5: Introduction to Support and InfoSight

Explain Nimble Support's mission statement

Navigate the InfoSight Customer portal

Describe support coverage and logistics

Module 7: Working with Nimble Storage Volumes

Module 6: Array initialization and setup

Explain an array initialization process

Explain an array configuration process

List port and firewall considerations

Describe SNMP setup

Discuss SYSLOG use

Analyze the NimbleOS event log

Explain basic volume concepts

Create performance policies

Configure access control and initiator groups

Create protection templates

Create volume collections

Explain volume pinning

Create a volume using the WebUI

Module 9: Introduction to Nimble Storage replication

Describe basic replication concepts

List SmartReplicate components

Explain how replication works

Describe replication process

Discuss the replication considerations

Explain SmartReplicate Disaster Recover

Module 8: Introduction to Nimble SmartSnap

Describe how Nimble snapshots work

Explain snapshot scheduling

Describe the need to add RPO, RTO and Change Rate definitions

Explain how to recover from a snapshot using Zero Copy Clones

Session Dates

On request. Please [Contact Us](#)

Additional Information

[This training is also available as onsite training. Please contact us to find out more.](#)