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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.

Programme

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

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

Explain how replication works
Describe replication process
Discuss the replication considerations
Explain SmartReplicate Disaster Recover

Session Dates

On request. Please Contact Us

Additional Information

This training is also available as onsite training. Please contact us to find out more.