Hewlett Packard Enterprise

Introduction to HPE Nimble Storage (with extended lab time) H9TH5S

HPE course number	H9TH5S
Subscription length	1 Days
Delivery mode	ILT ,VILT
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This course teaches students how to perform common management tasks, including: array installation, creating volumes, and protecting/recovering data with snapshots and replication. This course also covers system monitoring using Nimble Storage's InfoSight. This course provides 4 consecutive days of extended lab time immediately after the class finishes.

Why HPE Education Services?

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Audience

Customers, Administrators and Channel Partner Sales or Technical Sales

Recommended

- NS-101-E: Introduction to Nimble Storage
- NTS 101-E: Introduction to Nimble Storage Technology

Course Objectives

By the completion of this course, the learner will be able to complete the following tasks using Nimble Operating System:

- Perform initial configuration of a new array with NSM & GUI
- Perform post-installation tests
- Create volumes and zero-copy clones

- Attach and verify volumes/clones to Windows
- Create and modify data protection polices for volumes
- Restore volumes and individual files from a snapshots
- Set up replication and perform basic DR operations
- Use the Nimble GUI to monitor array capacity/performance
- Navigate Nimble's InfoSight to identify long-term trends
- Manage multi-array (scale-out) groups

Certifications and related examinations

- NTS-2001-I Exam

*Realize Technology Value with Training, IDC Infographic 2037, Sponsored by HPE, October 2017

Detailed course outline

Module 0: Course Overview

Module 1: AF-Series and HF Hardware

Module 2: Initial Configuration and Array Initialization

Module 3: Introduction to Support and HPE InfoSight

Module 4: Nimble WebUI Introduction

Module 5: Working with HPE Nimble Storage Volumes

Module 6: NimbleOS Introduction

Module 7: Scaling with HPE Nimble Storage

Module 8: Introduction to HPE Nimble Storage Snapshots

Module 9: Introduction to HPE Nimble Storage Replication

Module 10: Additional HPE Nimble Storage Portfolio Products and Solutions

Appendix 1: Pre-installation, Racking and Cabling

Appendix 2: AF-Series Introduction

Appendix 3: CS and AFA Series Pre-installation, Racking and Cabling

Detailed lab outline

Lab 0: vLabs Access	• Objectives	• Accessing the vLabs
Lab 1: Initialize an Array	• Background	• Task 3: Post Setup Testing
	• Lab Topology	• Task 2: Subnet Configuration
	• Task 1: Launch Nimble Setup Manager	
Lab 2: Basic Volume Creation	• Task 1: Create a volume	• Task 3: Create an Initiator and an Initiator Group
	• Task 2: Create a Volume Collection	
Lab 3: Windows Host SetUp (NCM) Background	• Task 1: Launch NCM and connect to a volume	• Task 3: Return to the Windows host to prepare and mount the volume
	• Task 2: Examine the newly connected volume	
Lab 4: Snapshots and Data Recovery Background	• Task 1: Create Data	• Task 4: Connect to the clone and recover the data
	• Task 2: Simulate a data loss event	• Task 5: Disconnect and delete the clone
	• Task 3: Create a Zero-Copy Clone	
Lab 5: Replication Partner Configuration Background	• Lab Topology	• Task 2: Configuring the Downstream Array
	• Task 1: Configure the Upstream Array	

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