

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

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Delivery mode	ILT ,VILT	
Subscription length	1 Days	
HPE course number	H9TH5S	

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.

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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 longterm 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

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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

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Detailed lab outline

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

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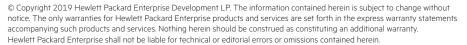
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