

Introduction to HPE Nimble Storage H6LH8S

HPE course number	H6LH8S
Course length	1 Day
Delivery mode	ILT
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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.

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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 policies 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

Detailed course outline

Module 1: AF-Series and HF Hardware

Module 2: Scaling with HPE Nimble Storage

Module 3: NimbleOS Introduction

Module 4: Nimble WebUI Introduction

Module 5: Introduction to Support and HPE InfoSight

Module 6: Pre-Installation, Racking, and Cabling

Module 7: Initial Configuration of the Unified Flash Fabric
Overview

Module 8: Working with HPE Nimble Storage Volumes

Module 9: Introduction to HPE Nimble Storage Snapshots

Module 10: Introduction to HPE Nimble Storage Replication

Appendix 1: AF-Series Introduction

Appendix 2: CS and AFA Series Pre-installation, Racking and
Cabling

Detailed lab outline

Lab 0: vLabs Access	<ul style="list-style-type: none"> Objectives 	<ul style="list-style-type: none"> Accessing the vLabs
Lab 1: Initialize an Array	<ul style="list-style-type: none"> Lab Topology Task 1: Launch Nimble Setup Manager Task 2: Subnet Configuration 	<ul style="list-style-type: none"> Task 3: Post Setup Testing Lab 1b: Initialize an Array using CLI (optional)
Lab 2: Basic Volume Creation	<ul style="list-style-type: none"> Task 1: Create a volume Task 2: Create a Volume Collection 	<ul style="list-style-type: none"> Task 3: Create an Initiator and an Initiator Group
Lab 3: Windows Host SetUp (NCM) Background	<ul style="list-style-type: none"> Task 1: Launch NCM and connect to a volume Task 2: Examine the newly connected volume 	<ul style="list-style-type: none"> Task 3: Return to the Windows host to prepare and mount the volume
Lab 4: Snapshots and Data Recovery Background	<ul style="list-style-type: none"> Task 1: Create Data Task 2: Simulate a data loss event Task 3: Create a Zero-Copy Clone 	<ul style="list-style-type: none"> Task 4: Connect to the clone and recover the data Task 5: Disconnect and delete the clone
Lab 5: Replication Partner Configuration Background	<ul style="list-style-type: none"> Lab Topology Task 1: Configure the Upstream Array 	<ul style="list-style-type: none"> Task 2: Configuring the Downstream Array

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