

Szkolenie: HPE
HPE Nimble II: Remote Replication and Integrations



Cel szkolenia:

This course provides additional knowledge of the advanced capabilities of HPE Nimble Storage arrays, including multiarray groups and pools, replication, disaster recovery, VMware® vVols, configuration of syslog and SNMP trap forwarding, and audit logs and event logs. Using extensive hands-on lab exercises that comprise over 70% of the course, you gain a practical understanding of HPE Nimble Storage integration with Microsoft Windows, Linux, VMware and Veeam.

Upon completion of this course, students will be able to:

- Review HPE Nimble Storage topics
- Discuss and understand disaster terminology
- Describe, configure and perform replication between groups for both planned and unplanned disaster recovery scenarios
- Discuss peer persistence
- Discuss and perform advanced administration features, including volume performance settings, SNMP, deduplication, encryption, and more
- Configure and manage multi-member groups, storage pools and discuss scale-up and scale-out guidelines and requirements
- Configure and perform volume moves between pools, and volume striping in a multi-member pool
- Discuss network considerations, networking best practices and scenarios for HPE Nimble Storage
- Describe integrations with Windows, Linux, VMware and Veeam

Audience:

Storage administrators who desire additional training on the advanced features of HPE Nimble

Plan szkolenia:

- Course Introduction
 - Agenda
 - Topics review
- Architecture and Advanced Features

- Read and write operations
- Nimble FS
- Triple+ Parity RAID
- Sparing
- Deduplication
- Encryption
- HPE Nimble Storage Replication
 - Disaster recovery terminology (planning, RPO, RTO, etc.)
 - SmartReplicate overview
 - Async replication
 - Sync replication
 - Replication capabilities (architecture, topologies incl. fan-out, etc.)
 - SmartReplicate operations
 - Peer persistence architecture and operations
- Scale-out
 - Scale-to-fit review
 - Scale-out groups
 - Scale-out pools
 - Scale-out operations
 - Scale-out limitations and rules
- Windows Integration
 - VSS theory
 - VSS in use on Nimble
 - NWT components review
 - Space reclamation
- Linux Integration, Oracle and Docker Integration
 - HPE Nimble Storage Linux Toolkit (NLT)
 - NCM
 - HPE Nimble Storage Oracle Application Data Manager
 - HPE Nimble Host Tuning Utility/Nimbletune
 - Space reclamation
- VMware Integration
 - VMware integration features
 - NCM
 - VMware vCenter® integration
 - SRM integration

- Synchronized snapshots
- APIs and space reclamation
- vVols
- dHCI introduction
- Backup Solution Integration
 - HPE RMC overview and basic architecture
 - Veeam overview and basic architecture
 - Data Protector overview and basic architecture
 - Additional data protection training

Wymagania:

Prior to attending this course, students should complete one of the following courses:

- HJ7C5S: HPE Nimble I: Management and Local Replication
- H6LH8S: HPE Nimble Storage Introduction and Administration
- H9TH5S: HPE Nimble Storage Introduction and Administration (with extended lab time)
- H9TH6AAE: Introduction to HPE Nimble Storage and InfoSight Analytics, Rev. 18.41
- H9TH1S: Designing HPE Nimble Solutions, Rev. 18.21 (01113228)

Poziom trudności



Certyfikaty:

The participants will obtain certificates signed by HPE (course completion).

Prowadzący:

Authorized HPE Trainer.