Szkolenie: HPE
HPE Primera I: Management and Connectivity

Cel szkolenia:

The Managing HPE Primera Storage I course provides an overview of the HPE Primera portfolio. The course reviews how to perform common day-to-day management tasks with hands-on labs (HOL), including creating the right data efficient volumes on an all-flash HPE Primera array, and leveraging the power of HPE InfoSight. The course prepares learners for deeper follow-on training from HPE, including the 2-day, HM9Q6S: Managing HPE Primera II course.

After completing this course, the student should be able to:

- Discuss Primera hardware offerings
- Describe HPE Primera family features
- List management options
- Describe the HPE Primera Storage software portfolio
- Explain provisioning terminology
- Understand the concepts of chunklets and logical disks
- Explain the HPE Primera concepts of a common provisioning group (CPG)
- Explain thin provisioned virtual volumes (VV)
- Overview Primera data reduction technologies
- Prepare a host to access an HPE Primera storage array
- Create hosts in an HPE Primera storage array
- Explain how to add fibre channel (FC) ports to a host
- Explain the advantages of HPE Smart SAN for Primera
- Export virtual volumes (VV) to a host as VLUNs
- Unexport virtual volumes (VV) from a host
- Describe the advantages of host sets and volume sets
- Create and maintain host sets and volume sets
- Use SSMC and the CLI to create and manage host sets and volume sets
- Discuss the guidelines and rules regarding host sets and volume sets
- Describe app volume sets
- Describe the use of InfoSight to monitor Primera and its surroundings

Audience:

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Customers, administrators and channel partner sales or technical sales.

Plan szkolenia:

- Solution Overview
  - Hardware
  - Software and Features
- Storage Concepts and Terminology
  - HPE Primera OS virtualization—logical view
  - HPE Primera OS virtualization concepts
  - HPE Primera OS virtualization advantages
  - Chunklet concepts
  - System wide sparing
  - Logical disk concepts
  - HPE Primera high availability
  - CPG concepts
  - Virtual volume overview
  - Thin provisioning overview
  - HPE Primera data reduction overview
- Host Connectivity and Storage Allocation
  - Host to HPE Primera front-end configuration—FC example
  - HPE Primera block I/O connectivity
  - HPE Primera Persistent Ports
  - HPE Primera WWN format
  - HPE Primera OS 4.x host OS support
  - HPE Primera implementation guide
  - Host HBAs and WWNs—commands/utilities
  - HPE Smart SAN for Primera
  - HPE Primera zoning overview
  - Adding hosts in SSMC—SMART SAN enabled
  - Making VLUNs visible to hosts
  - HPE Host Explorer
  - HPE LunInfo
- Host, Volume, and App Volume Sets
  - Host sets and virtual volume sets overview and advantage
  - Virtual volume set—other use cases

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- Host sets and virtual volume sets— SSMC and CLI examples
- App volume sets overview
- App volume sets— SSMC examples
- SSMC dashboard—top app vol sets

- HPE InfoSight Introduction
  - HPE InfoSight sees and predicts behind the scene
  - Get the full picture with HPE Primera and InfoSight
  - The AI process for HPE self-healing storage
  - HPE Primera—dashboard
  - HPE Primera—systems view
  - HPE Primera—detailed systems view
  - HPE Primera—system performance view
  - HPE Primera—performance insights view
  - HPE Primera—PDF report
  - HPE InfoSight Cross-Stack Analytics for VMware environments
- HPE Primera On-Node Management
  - Discovering the HPE Primera array
  - HPE Primera initial setup
  - Checking hardware
  - Creating user on the array and configuring the network
  - Initializing the array
  - Configuring date/time, Infosight and system support contact
  - InfoSight
  - Enabling remote support data scrubbing
  - First time login
  - Primera UI dashboard—overview, alerts, and tasks
  - On-node management performance dashboard
  - Customer self-update option
  - Customer self-repair option
- What’s New in HPE Primera
  - NVMe Drives
  - iSCSI
  - Provisioning in the HPE Primera UI
  - Customer self-install
  - HPE Primera customer self-update
  - Customer self-repair

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- SSMC 3.7 enhancements
- Infosight update
- HPE Primera Welcome Center
- HPE Primera cabling tool

Wymagania:

- An understanding of general storage concepts including fibre channel technology and RAID
- Operator level functionality in a Windows environment

Poziom trudności



Certyfikaty:

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

Prowadzący:

Authorized HPE Trainer.

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