Managing HPE 3PAR StoreServ I

Kód kurzu: HK902S

This course overviews 3PAR hardware and architecture along with giving administrators insight in to the constructs within the 3PAR array family. Students will explore Virtual Volumes and Thin Provisioning along with performing other administrative tasks via both GUI and CLI methods. The class discusses local and remote data copies along with reporting, scheduling and space management. Hands-on lab exercises are not included.

Pro koho je kurz určen

This course is intended for StoreEasy customers, HPE Services field engineers, call center personnel, Presales and

Channel Partners and other field personnel who provide installation and/or operational support assistance for HPE

StoreEasy and 3PAR StoreServ File Controller Serverst.

Co Vás naučíme

After completing this course, the student

should be able to:

- Explain the HPE 3PAR current hardware offerings: 20000 series, 8000 series, and 7000 series
- Explain the numbering schemes for the HPE 3PAR hardware components: controllers, ports, and physical disks
- Use the StoreServ Management Console (SSMC) GUI and the CLI to perform administrative tasks
- Create and work with a Common Provisioning Group (CPG)
- Administer Virtual Volumes using the SSMC and the CLI
- Understand the advantages of Thin Provisioning and create a Thin Provisioned Virtual Volume (TPVV)
- Understand the advantages of Dedup and Compression for storage allocated from SSDs
- Export and un-export virtual volumes from hosts
- Use HPE 3PARinfo to analyze luns presented to hosts
- Use Host Explorer to simplify addition of hosts
- Use Host Sets and Volume Sets to simplify provisioning storage
- Create a Snapshot and promote (restore) from a Snapshot
- Create a Clone and promote a Clone
- Convert a Virtual Volume (i.e. from fully provisioned to thin provisioned or thin provisioned to thin dedup or vice versa)
- Use the SSMC reporting feature to monitor capacity and performance

Požadované vstupní znalosti

- An understanding of general storage concepts including fibre channel technology and RAID
- Operator level functionality in a Windows environment
- Please register here to access to the H6LH4AAE Pre Study for Managing HPE 3PAR StoreServ I

Osnova kurzu

- H6LH4AAE Pre Study for Managing HPE 3PAR StoreServ I
- HPE 3PAR Solution Introduction and Review
- Storage Concepts and Terminology
- Storage Configuration
- Host Connectivity and Storage Allocation
- Host Sets and Virtual Volume Sets

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- Thin Features: A Deep Dive
- Adaptive Data Reduction for Flash: Dedup and Compression
- Snapshots and Clones
- Reporting: Performance and Capacity
- Introducing HPE InfoSight

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