HPE SimpliVity System Administration

Kód kurzu: H0LP9S

This course covers information and a range of administration actions executed on HPE SimpliVity systems using the SimpliVity vSphere and RapidDR User Interface to simplify and accelerate off-site DR through automation.

Pro koho je kurz určen

This course is intended for Infrastructure Administrators and System Engineers who are looking to learn how to administer HPE SimpliVity 380.

Co Vás naučíme

Upon completion of this training the participant will be able to:

- Describe the HPE SympliVity 380 product physical characteristics and software architecture
- Use the HPE SimpliVity 380 vSphere User Interface for management tasks
- Use RapidDR to reduce service disruptions by automating remote site recovery

Požadované vstupní znalosti

HPE recommends that students have attended the following courses or attained the following levels of experience before taking this class:

- Networking technologies
- VMware vSphere 6
- HPE ProLiant Servers

Osnova kurzu

Module 1: HPE SimpliVity overview

- The data problem
- The evolution of hyperconvergence
- HPE SimpliVity use cases / key business challenges
- HPE SimpliVity 380 HyperGuarantee
- What is an HPE SimpliVity 380 system
- HPE SimpliVity system architecture
- Arbiter
- HPE SimpliVity 380 Networks

Module 2: SimpliVity Data Virtualization Platform

- HPE SimpliVity 380 Data Virtualization Platform (DVP)
- HPE SimpliVity RapidDR
- Data virtualization platform deep dive
- File system
- Object Store I/O write path
- Cluster-level data management
- Federation-level data management
- Advantages

Module 3: HPE SimpliVity data management

- HPE SimpliVity data paths
- Data Resiliency
- vCenter resiliency
- Data locality

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Module 4: HPE SimpliVity user interface overview
- Getting started
- Features within the vSphere Web Client
- How to maneuver through the vSphere Web Client
- vCenter inventory list
- The SimpliVity federation actions
- SimpliVity federation home tab

Module 5: HPE SimpliVity Clusters and Datastores
- Clusters
- Datastores
- Configuring ESXi access nodes

Module 6: HPE SimpliVity backups
- SimpliVity backups

Module 7: Other HPE SimpliVity features
- Hosts
- Virtual machines
- HPE SimpliVity restore
- SimpliVity file level restore
- SimpliVity clone
- SimpliVity move
- VM templates
- Moving an HPE SimpliVity node between clusters
- HPE OmniStack Virtual Controller (OVC) shut down

Module 8: Extending HPE SimpliVity 380
- REST API
- HPE SimpliVity CLI
- HPE SimpliVity RapidDR

Module 9: HPE SimpliVity 380 services and support
- HPE SimpliVity support plans
- HPE SimpliVity 380 hardware services
- Alarm and events overview

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