Szkolenie: HPE
HPE SimpliVity System Administration

Cel szkolenia:

This course provides information and hands-on exercises for management of HPE SimpliVity. It also includes information and hands-on exercises for using HPE SimpliVity RapidDR software that simplifies and accelerates offsite DR through automation. The course covers a range of administration actions executed on HPE SimpliVity system with the SimpliVity VMware vSphere® and RapidDR user interface.

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

- Describe the various components that form the HPE SimpliVity Federation
- Distinguish between peer-managed and centrally-managed SimpliVity Federations
- Identify how VM data is stored across HPE SimpliVity Clusters
- Create datastores and perform different tasks associated with SimpliVity datastores
- Explain the various SimpliVity operations like Clone or Move VM
- Create manual and policy-based backups and use them for restore
- Configure external stores for secondary backup
- Perform basic support tasks on the HPE SimpliVity Federation
- Use RapidDR to reduce service disruptions by automating remote site recovery

Audience:

This course is intended for infrastructure administrators and system engineers who need to learn how to administer HPE SimpliVity.

Plan szkolenia:

- Introduction to HPE SimpliVity
  - HPE SimpliVity’s HyperGuarantee
  - Business reasons for using HPE SimpliVity
  - Core features built into the SimpliVity solution via the Data Virtualization Platform
  - HPE SimpliVity use cases and the shift to Intelligent HCI
- HPE SimpliVity Architecture
  - Deep understanding of the HPE SimpliVity Data Virtualization Platform

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- Elements within an HPE SimpliVity Federation
- Basic concepts of a datacenter and cluster within the SimpliVity Federation
- Levels of resiliency built into the SimpliVity solution
- VM data locality in the HPE SimpliVity Federation

- HPE SimpliVity Portfolio
  - Categorization of the various HPE SimpliVity hardware models and their supported configurations
  - Tracing the read/write IO paths for different HPE SimpliVity models
  - Explanation of how the tiered storage implementation works
  - Different networks that are used in HPE SimpliVity Federation
  - Generic sizing guidelines for HPE SimpliVity
- Working with HPE SimpliVity
  - HPE SimpliVity management interfaces (GUI, CLI and REST API)
  - HPE SimpliVity Datastores and the operations permitted
  - Configuration required for access nodes
  - Performing HPE SimpliVity backups
  - Creating HPE SimpliVity backup policies
  - Managing and monitoring virtual machines in a SimpliVity Federation
  - Performing restores using HPE SimpliVity backups
  - File level restores
  - Backups on external stores for restore operations
  - Using HPE SimpliVity RapidDR
- HPE SimpliVity Maintenance
  - Maintaining HPE SimpliVity hosts and Virtual Controllers
  - HPE SimpliVity alarms and events in VMware vCenter®
  - Procedure to create an HPE SimpliVity support capture
  - Reports that are available through HPE InfoSight for SimpliVity
  - How to contact HPE support and find relevant documentation

Wymagania:

HPE recommends that students attend training or attain experience in the following areas before taking this class:

- Networking technologies
- VMware vSphere 6+
- HPE ProLiant servers

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Poziom trudności



Certyfikaty:

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

Prowadzący:

Authorized HPE Trainer.

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