

# 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 SimpliVity 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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# HPE SimpliVity System Administration

## 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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