HPE Morpheus VM Essentials Software, Rev. 26.11

Course description

This three-day course focuses on the full lifecycle of the HPE Morpheus VM Essentials Software environment; from initial requirements, architecture, and installation of the solution to operation, management, security, and troubleshooting of the infrastructure.

Ideal candidate for this course

Typical candidates for this course are IT professionals willing to learn how to describe, position, recommend, demonstrate, set up, and configure virtualized environments, using HPE solutions, to meet an SMB customer's business and technology requirements.

Topics

- **HPE Morpheus VM Essentials Software introduction**
  - Evaluate trends and strategies in virtualization markets:

  - ○ Competitor offerings
  - ○ Modern virtualization architecture

  - Differentiate and describe HPE Morpheus VM Essentials Software features, benefits, and licensing:

  - ○ Value proposition
  - ○ Feature comparisons
  - ○ HPE solutions combined with HPE Morpheus VM Essentials Software

- **HPE Morpheus VM Essentials Software architecture**
  - Examine HPE Morpheus VM Essentials Software and its components:

  - ○ HVM hypervisor and logical architecture
  - ○ Components features and operations
  - ○ HPE Morpheus VM Essentials Software Console
  - ○ HPE Morpheus VM Essentials Software Manager Appliance

  - Analyze different networking deployment options for HPE Morpheus VM Essentials Software:

  - ○ Network types
  - ○ Network bonding
  - ○ Logical network view
  - ○ Network setup examples
  - ○ Network traffic flow

  - Evaluate different storage deployment options for HPE Morpheus VM Essentials Software:

  - ○ Storage types overview, pros, and cons
  - ○ Directory pool datastores
  - ○ NFS
  - ○ GFS2
  - ○ HPE Alletra Storage MP B10000 integration

Course ID	0001215541
Course format, Typical duration	**Select one:**VILT - Virtual Instructor Led, 3 days ILT - Instructor Led, 3 days
Skill level	Foundational (FND)
Delivery languages	English
Lab required	No
Related certifications	• HPE ASE - Compute Solutions • HPE Product Certified - HPE Morpheus VM Essentials Software
In preparation for these exams	Selected items from this course are included in these exams: • HPE Morpheus VM Essentials Software

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- MPIO and non-MPIO network configurations

- Explain the concept of integration with VMware by Broadcom:

- Components
- Cloud sync

- **HPE Morpheus VM Essentials Software deployment and initial configuration**
  - Describe the prerequisites and steps for HPE Morpheus VM Essentials Software installation:

  - Host requirements
  - Installation sequence

  - Install and configure HPE Morpheus VM Essentials Software using an integrated installer:

  - HPE Unified ISO Installer
  - HVM installation and configuration process
  - HPE Morpheus VM Essentials Software Console installation and configuration process
  - HPE Morpheus VM Essentials Software Manager installation and upgrade steps

  - Discuss how to set up a shared datastore:

  - NFS
  - GFS2

- **Using HPE Morpheus VM Essentials Software**
  - Prepare HPE Morpheus VM Essentials Software for operations:

  - Groups
  - Clouds
  - Clusters

  - Explore and use HPE Morpheus VM Essentials Software interface, including:

  - Operations
  - Provisioning
  - Library
  - Infrastructure
  - Backup
  - Tools
  - Administration

- **Integrating HPE Morpheus VM Essentials Software with VMware infrastructure**
  - Integrate and manage VMware components with HPE Morpheus VM Essentials Software:

  - VMware Cloud
  - VMware resources
  - Cloud synchronization
  - Provisioning VMware VMs

  - Migrate VMware virtual machines to HPE Morpheus VM Essentials Software:

  - Migration overview and prerequisites
  - Preparation process
  - Creating a migration plan
  - Migration

  HPE Morpheus VM Essentials Software security and troubleshooting
  - HPE Morpheus VM Essentials Software security and troubleshooting options
  - Explain security options in HPE Morpheus VM Essentials Software:

  - Identity sources

- Roles and permissions

- Discuss HPE Morpheus VM Essentials Software troubleshooting options and CLI management:

  - Cluster monitoring
  - Logs
  - Instance history
  - HPE Support Center
  - Typical issues with troubleshooting guidance, including with the CLI

Objectives

After you successfully complete this course, expect to be able to:

- Provide an overview of HPE Morpheus VM Essentials Software by evaluating trends in virtualization markets, and differentiate and describe HPE Morpheus VM Essentials Software features.
- Examine, analyze, and evaluate HPE Morpheus VM Essentials Software architecture and networking requirements.
- Describe HPE Morpheus VM Essentials Software deployment and configuration.
- Prepare HPE Morpheus VM Essentials Software for operations and examine its interfaces.
- Integrate HPE Morpheus VM Essentials Software with VMware infrastructure.
- Summarize and discuss security and troubleshooting options.

How to register

Click on this link to register for this course: https://certification-learning.hpe.com/tr/TrainingCalendar?excludePartners=false&CourseId=0001215541

For more information

Contact our program