

HPE Morpheus VM Essentials Software, Rev. 25.21

Course description

This three-day course focuses on the full lifecycle of the HPE Morpheus VM Essentials Software environment from initial requirements and installation of the solution to operation, management, security, and troubleshooting of the infrastructure. It includes lectures and lab activities in the ratio of approximately 60/40 (lectures/activities), including hands-on lab exercises.

Ideal candidate for this course

Typical candidates for this course are anyone 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.

Roles that will benefit from this course are:

- Presales Architects
- Presales Engineers
- Enterprise Architects
- Solutions Engineers
- Technology Architects

Course ID	0001212805
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	Yes
Related certifications	• HPE ASE - Compute Solutions • HPE ASE - Storage 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

[Register for this course.](#)

Find this course offering in the Training calendar. Click "Register" to take the course in The Learning Center. Login and Password required.

Suggested prerequisites

You should have fundamental knowledge of IT concepts, including compute, storage, networking, and cloud computing.

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
 - Logical architecture
 - HPE Morpheus VM Essentials Software Console
 - HPE Morpheus VM Essentials Software Manager Appliance
 - Analyze networking requirements for HPE Morpheus VM Essentials Software setup
 - Network types
 - Network bondingLogical network view
 - Network setup examples
 - Evaluate local vs. shared storage performance
 - HPE Alletra Storage MP B10000 integration
 - NFS

- GFS2
- MPIO and non-MPIO network configurations
- Explain integration with VMware by Broadcom
 - Cloud sync
- **HPE Morpheus VM Essentials Software deployment and configuration**
 - Describe the prerequisites and steps for HPE Morpheus VM Essentials Software installation
 - Host requirements
 - Installation sequence
 - Install and configure:
 - Ubuntu
 - HPE Morpheus VM Essentials Software Console
 - HPE Morpheus VM Essentials Software Manager
 - Explain networking management and integrations
 - IP assignment and domain management
 - Network integrations
 - Ports and protocols
 - Discuss how to set up and add a datastore
 - NFS
 - GFS2
- **Using HPE Morpheus VM Essentials Software deployment and configuration**
 - 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
- **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
 - Cluster monitoring
 - Logs
 - Instance history

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 VM Morpheus VM Essentials Software deployment and configuration
- Prepare HPE Morpheus VM Essentials Software for operations and examine its interfaces
- Integrate and 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=0001212805>

Policies, fees and cancellations

Course fees may vary. Fees are established and collected by the training center that delivers the course. Cancellation fees may apply. Contact your HPE Authorized Training Partner for their respective policies.

For more information

[Contact our program](#)

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Information is as of July 2025, Revision 3