HPE Morpheus VM Essentials Software, Rev. 26.11

Course code: H46DGS

HPE Morpheus VM Essentials Software – Basic Course on Virtualization and Environment Management

Who is the course for

The course is intended for technical and presales roles involved in the design, presentation, and implementation of virtualization solutions:

- Presales architects and engineers
- Enterprise architects
- Solutions engineers
- Technology consultants

What we teach you

This three-day course will teach you how to effectively deploy, configure, and manage a virtualized environment using the HPE Morpheus VM Essentials Software solution. The course is ideal for both presales and technical roles that want to understand modern virtualization architecture, integration with VMware, and environment management for small and medium-sized businesses (SMBs).
The course includes hands-on lab exercises.

Required skills

Basic understanding of IT concepts – compute environments, storage, networking, and cloud computing.

Certification and Follow-Up

The course prepares participants for the following certifications:

- HPE ASE – Compute Solutions
- HPE ASE – Storage Solutions
- HPE Product Certified – HPE Morpheus VM Essentials Software

Course outline

- Introduction to HPE Morpheus VM Essentials Software
- Trends and strategies in the virtualization market
- Solution architecture, licensing, benefits, and competitive comparison
- Combining HPE solutions with Morpheus VM Essentials

Architecture and Components

- Morpheus Console and Manager Appliance
- Network requirements, bonding, VLANs, logical topology
- Local vs. shared storage, performance differences
- Integration with HPE Alletra Storage MP B10000

Installation and Configuration

- Host requirements, installation sequence
- Installation of Ubuntu, Morpheus Console, and Manager
- Configuration of IP settings, domains, ports, and protocols
- Connecting and managing data stores (NFS, GFS2)

Operations and Interface

- Working with the environment: provisioning, library, infrastructure, backup
- Creating groups, clouds, and clusters
- Integration with VMware: synchronization, provisioning, resource management

Security and Troubleshooting

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- Identity management, roles, permissions
- Cluster monitoring, logs, instance history
- Basics of security and troubleshooting

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