HPE Hybrid Cloud Solutions, Rev. 25.11

Kód kurzu: 0001197140

This 5-day course exposes you to the HPE portfolio and focuses on HPE networking, compute, and storage solutions for SMB customers, including HPE GreenLake services and HPE Private Cloud solutions. It includes lectures and lab activities in the ratio of approximately 40/60 (lectures/activities). Through customer scenarios and extensive hands-on labs, you will learn how to match different types of workloads with HPE products, learn about HPE management tools, and have an introduction to virtual and containerized workloads.

Who is the course for

The ideal candidate for this course is any HPE partner, customer, or team member who needs to learn how to describe, position, recommend, demonstrate, plan, design, set up, and configure HPE compute, storage, networking, and management technologies 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

What we teach you

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

- Describe, differentiate, and apply IT industry trends, standard architectures, technologies, and cloud delivery models
- Gather and analyze customer business and technical requirements
- Recommend and position HPE offerings for customer use cases
- Architect and design an HPE solution based on customer needs
- Validate, install, configure, and upgrade HPE SMB solutions and their components

Teaching methods

Professional explanation with practical samples and examples.

Teaching materials

HPE guide book for this course.

Course outline

HPE value proposition

- Evaluate different customer requirements
- Discuss different workloads supported on HPE systems
- Describe HPE GreenLake basics
- Locate and use available tools and resources

HPE compute solutions

- Explain HPE ProLiant server portfolio and technologies
- HPE ProLiant ML Gen11
- HPE ProLiant DL Gen11
- HPE ProLiant RL300 Gen11
- HPE ProLiant MicroServer Gen11
- HPE Synergy Gen11
- HPE Superdome Flex 280
- HPE Scale-Up Server 3200

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- HPE Edgeline
- HPE D3000 Enclosure
- Compare the offerings of the entry-level HPE Cray portfolio
- HPE Cray XD2000
- Describe the fundamental concepts and components of virtual and containerized workloads, and make recommendations
- Describe the HPE Services proposition

Solution deployment and updates

- Demonstrate the HPE server configuration and deployment process
- Explain the firmware update process

HPE storage solutions

- Classify storage networking options, and explain basic storage networking concepts
- Analyze and explain basic storage concepts
- Recommend and differentiate selected SMB-level HPE Storage products
- HPE MSA 2070 Gen7
- HPE MSA 2072 Gen7
- HPE Alletra 5000
- HPE Alletra 6000
- HPE Alletra Storage MP B10000
- HPE StoreOnce VSA
- HPE StoreOnce 3660
- HPE StoreOnce 5260
- HPE StoreOnce 5660
- HPE XP8

HPE solution management

- Demonstrate using the iLO management processor
- Deploy and use HPE OneView for storage and server management
- Identify HPE GreenLake management tools

HPE networking solutions

- Describe the HPE networking portfolio and the Aruba networking components
- HPE Aruba CX4100i
- HPE Aruba CX 6000
- HPE Aruba CX 6100
- HPE Aruba CX 6200
- HPE Aruba CX 5420
- HPE Aruba CX 6300
- HPE Aruba CX 6300L
- HPE Aruba CX 6400
- HPE Aruba CX 8100
- HPE Aruba CX 8325
- HPE Aruba CX 8360
- HPE Aruba CX 8400
- HPE Aruba CX 9300
- HPE Aruba CX 9300S
- HPE Aruba CX 10000

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- Demonstrate and configure basic networking technologies and concepts
- Differentiate and explain networking security and secure management protocols

HPE Private Cloud Solutions

- Differentiate HPE Private Cloud solutions
- Describe components and individual HPE Private Cloud solutions:
- HPE VM Essentials
- HPE Private Cloud AI
- HPE GreenLake for Private Cloud Enterprise
- HPE GreenLake for Private Cloud Enterprise Disconnected
- HPE GreenLake for Private Cloud Enterprise Business Edition
- Demonstrate management options for HPE Private Cloud solutions

Building a solution

- Plan comprehensive HPE solutions, including compute, networking, storage, and environmental components

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