Advanced HPE Compute Solutions

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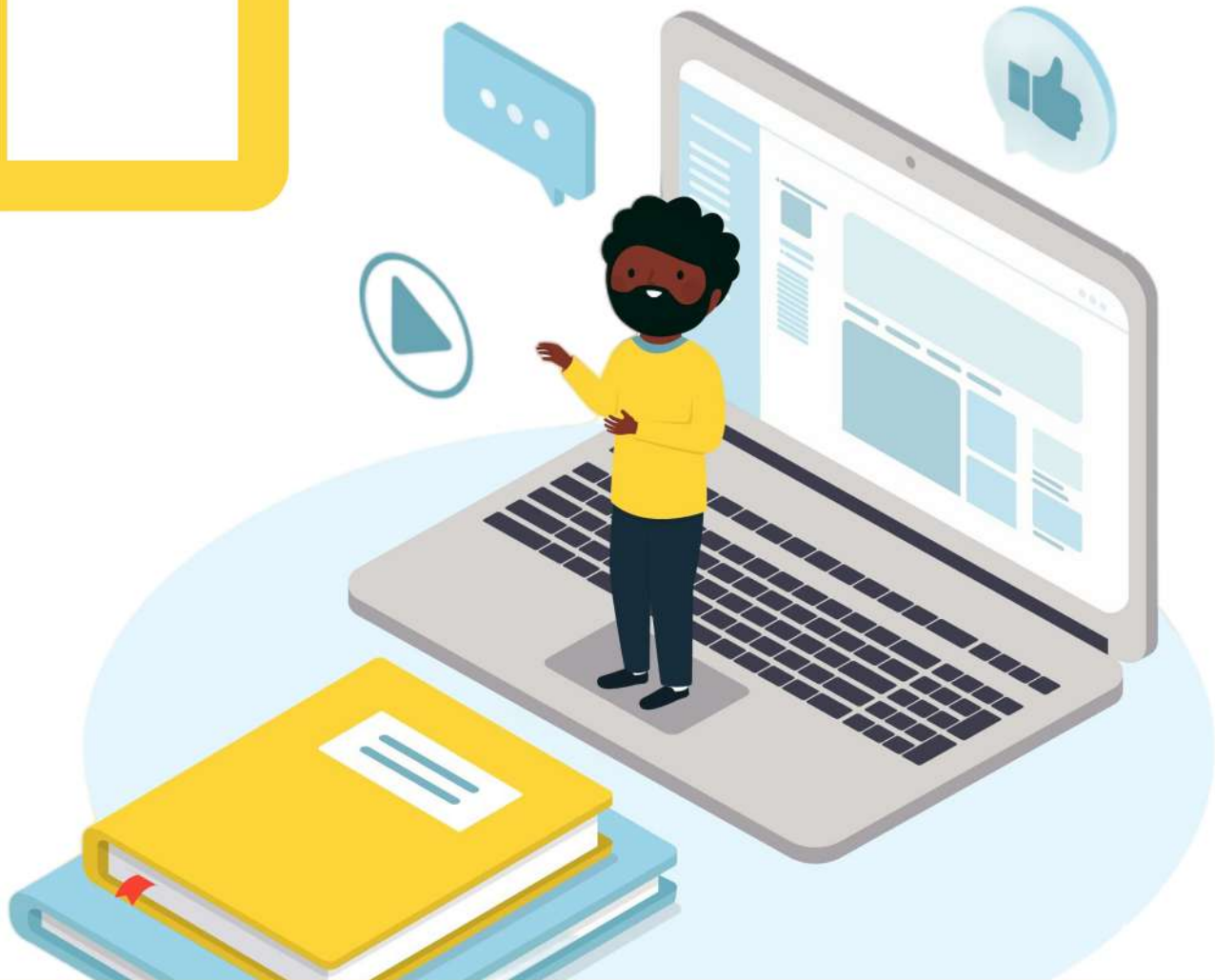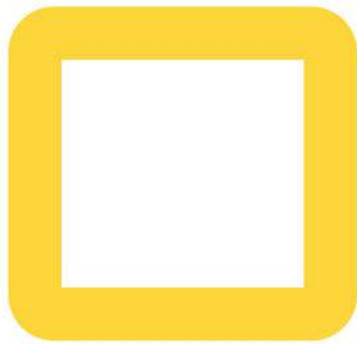
Course

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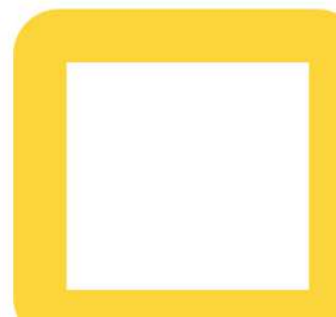
Course Modules

1. Understanding customer needs and compute workloads

- Evaluate typical advanced computing workloads.
- Compare tools supporting the sizing process & performnce mgmt
- Identify typical advanced computg workloads and their chrctristics
- Gather customer needs and analyze their existing environment.

2. HPE compute solutions portfolio

- Describe the industry-standard server portfolio.
- Distinguish features of the HPE Composable Infrstrctr portfolio
- Recommend the HPE Mission Critical portfolio
- Compare the components of the HPE purpose-built portfolio
- Differentiate and explain HPE management technologies
- Recommend & describe the HPE Green Lake Hybrid Cloud model

3. Designing an HPE compute solution for a SAP HANA workload

- Examine and describe the SAP HANA® portfolio and its requirmnts.
- Diff the components of the HPE Superdome Flex & explain mngmt
- Recommend HPE Service guard for Linux® solns to your customer

4. Designing an HPE compute soln for a virtualization workload
- Analyze the building blocks of the VMware Cloud Foundation
- Analyze a soln design, based on HPE Synergy usd for VCF deplymnt.
- Explain underlying complimentary VMware and HPE technologies.

5. Designing an HPE compute solution for a database workload
- The buldg blocks of a SQL Srvr soln deplyed on HPE ProLiant DL380.
- Describe typical database workloads.
- Analyze and classify the building blocks of SQL Server
- Analyze & recommend components required to deploy a SQL Srvr

6. Designing an HPE compute solution for a container workload
- Building blocks of the HPE Ezmeral Containr Pltfrm on HPE Synergy.
- Recommend containerization solutions to customers
- Evaluate & describe HPE Ezmeral Container Platform technologies
  - ☒ Control plane
  - ☒ Data fabric
  - ☒ Storage configuration options
  - ☒ Installation and upgrades
  - ☒ Management and monitoring
  - ☒ Security and access control
  - ☒ Application template

7. Monitoring, managing, and optimizing an HPE compute solution

- Explain how to monitor and manage an HPE compute solution
- Verify interoperability of the soln, optimize performance

8. Presenting a proposal

- Prepare a proposal, based on the customer requirements.
- Use appropriate tools to prepare a customer presentation.

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