

Advanced HPE Edge-to-Cloud Solutions



Online Course

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Advanced HPE Edge-to-Cloud Solutions

Course Modules

1.HPE value proposition

- Explain different types of workloads and their characteristics
- Describe different types of solutions and their use cases
- Describe other customer requirements, including cloud implementation
- Define business continuity requirements and solutions
- Explain and apply business value knowledge

2.HPE solution offering

- Explain the HPE as-a-service strategy
- Articulate the HPE GreenLake concepts, portfolio, and benefits

3.Designing a solution for a VDI workload

- Describe and explain VMware Horizon and Citrix architectures
- Explain HPE GreenLake for VDI
- Design & architect a VDI solution based on the customer requirements
- Integration with StoreOnce (over WAN) & HPE Cloud Bank Storage
- HPE Nimble Storage dHCI



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4. Designing a solution for a database workload

- Differentiate the characteristics & architecture of different database workloads
- Explain HPE GreenLake for databases
- Gather customer requirements for database systems
- Database platforms (SAP HANA/Microsoft SQL/Oracle)
- Compute platforms (Superdome Flex/Synergy/SimpliVity, etc)
- Storage components and technologies (Primera, Nimble, Alletra)
- Networking components and technologies
- Datacenter Bridging (DCB) on ArubaCX
- Two-tier L2/L3 data center network design
- Management software & options (including Aruba Fabric Composer)
- Consumption model (traditional vs. HPE GreenLake; PoC included)

5. Designing a solution for a virtualization workload

- Describe VMware Cloud Foundation (VCF) building blocks
- Explain HPE GreenLake for VCF
- Design a virtualization solution based on the customer requirements
- HPE Storage for workload domains: Primera, Nimble, Alletra
- VMware storage technologies for workload & management domain
- Storage networking components
- High Availability requirements: Remote replication & Peer Persistence
- Management software and options
- Consumption model (traditional vs. HPE GreenLake; PoC included)



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6. Designing a solution for a container workload

- Differentiate the HPE Ezmeral Runtime Enterprise & VMware Tanzu
- Explain HPE GreenLake for containers
- Design & architect a container soln based on the customer reqmt
- Implementation model (VM or bare metal)
- Storage components & technologies: Primera, Nimble, Alletra, etc
- Management software and options
- Consumption model (traditional vs. HPE GreenLake; PoC included)

7. Designing a solution for a Big Data/Analytics workload

- Demonstrate available consumption models
- Differentiate Big Data architectures and implementation models
- Design & architect a Big Data soln based on the customer reqrmt
- Gather customer requirements for a Big Data solution
- Compute platform(HPE Apollo 4000 & other HPE compute systems)
- Primera/Alletra
- Storage networking components
- Networking components and technologies
- Management software and options
- Consumption model (traditional vs. HPE GreenLake; PoC included)

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in terms of time management,
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