

HPE Storage Solutions, Rev. 24.21 (0001207683)

H61M3S

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| Course ID | H61M3S |
| Duration | 5 days |
| Format | ILT, VILT |
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HPE Storage Solutions teaches you how to identify, recommend, and explain HPE storage solution architectures and technologies. You learn how to translate business requirements into storage solution designs that support applications and data across physical, virtual, and cloud environments with a common architecture and converged management. The course also covers how to design HPE backup solutions, including the right backup, recovery, and archive (BURA) strategies for various customer scenarios.

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Audience

This course is ideal for channel partners, customers, and HPE team members who interpret customer requirements to design, install, configure, and manage HPE storage and backup solutions.

Prerequisites

Before attending this course, you should have completed HPE Hybrid Cloud Solutions, Rev.22.41.

Course objectives

After completing this course, you should be able to:

- Differentiate the functions, features, and capabilities of HPE Storage products, solutions, and warranty/service offerings

- Analyze the storage marketplace and recognize competitive opportunities to apply and differentiate HPE storage solutions to meet customer requirements
- Plan and design HPE storage solutions
- Differentiate and apply foundational storage architectures and technologies
- Performance-tune and optimize an existing HPE enterprise storage solution
- Troubleshoot common storage failures in typical workload environments
- Administer and operate enterprise HPE storage solutions
- Monitor enterprise HPE storage solutions

Certifications and related exams

Selected items from this course are included in the HPE Storage Solutions Exam ID: HPE0-J68

Detailed course outline

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| HPE Value Proposition | <ul style="list-style-type: none"> • Classify HPE Storage solutions • Recommend HPE GreenLake services with a focus on storage | <ul style="list-style-type: none"> • Describe HPE Complete program offerings • Locate and examine HPE information resources |
| Storage Architectures and Technologies | <ul style="list-style-type: none"> • Analyse and explain basic storage drive technologies • Tiers • Types • Interfaces • Portfolio | <ul style="list-style-type: none"> • Distinguish storage array concepts and technologies • Selective storage presentation • Virtualization • Data reduction |
| HPE Block Storage | <ul style="list-style-type: none"> • Distinguish and make recommendations from the HPE block storage portfolio, explain ideal use cases, building blocks, features, management and monitoring options, and the capabilities of the following arrays: <ul style="list-style-type: none"> – HPE Alletra 5000/6000 | <ul style="list-style-type: none"> – HPE Primera, HPE Alletra 9000, and HPE GreenLake for Block Storage (Alletra MP) – HPE GreenLake Block Storage – HPE XP Storage |
| HPE Hyperconverged Solutions | <ul style="list-style-type: none"> • Recommend and explain HPE Alletra dHCI architecture, deployment paths, and concepts • Recommend and describe the HPE SimpliVity product family, architecture, deployment paths, and concepts | <ul style="list-style-type: none"> • Describe options and benefits of HPE GreenLake for Private Cloud Business Edition |
| HPE Storage Solutions Management, Monitoring, and Reporting | <ul style="list-style-type: none"> • Explain management and monitoring protocols | <ul style="list-style-type: none"> • Differentiate and give examples of available HPE Storage management, monitoring, and reporting tools and platforms |
| HPE Data Protection Solutions: Theory and Hardware | <ul style="list-style-type: none"> • Distinguish and describe data protection theory and definitions • Recognize HPE Storage local replication options • Differentiate and recommend HW, features, monitoring and licensing options of HPE StoreOnce | <ul style="list-style-type: none"> • Differentiate and recommend HW, features, monitoring and licensing options of HPE StoreEver • Plan a data protection strategy |
| HPE and Partner Data Protection Software and Services | <ul style="list-style-type: none"> • Position HPE and partner data protection solutions • Differentiate and describe Veeam® Backup and Replication data protection software and how it integrates with HPE solutions | <ul style="list-style-type: none"> • Recommend HPE GreenLake Backup and Recovery integrations and options • Overview: how HPE GreenLake for Disaster Recovery can reduce data loss and downtime |
| Networking Elements of an HPE Storage Solution | <ul style="list-style-type: none"> • Differentiate SAN protocols and discuss the benefits of each • Demonstrate the most important FC services running within FC-based SAN networks | <ul style="list-style-type: none"> • Determine the host role within a SAN • Distinguish products and management options within the HPE StoreFabric portfolio and describe the components that make up a SAN |
| Upgrading, Optimizing, and Tuning HPE Storage and Backup Solutions | <ul style="list-style-type: none"> • Recommend data reduction optimizations • Plan hardware and software upgrades and perform post-upgrade procedures | <ul style="list-style-type: none"> • Outline scaling and updating process • Demonstrate tuning and best practices |

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