



HPE Storage Solutions, Rev. 24.21

Course description

This course teaches you how to identify, recommend, and explain HPE Storage solution architectures and technologies. You will learn 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. This training also covers designing HPE Backup Solutions, including the right Backup, Recovery, and Archive (BURA) strategies for various customer scenarios.

Updates to this course went live on June 17, 2024. See [Release Notes](#) for details.

Ideal candidate for this course

Typical candidates for this course are channel partners, customers, and HPE team members who interpret customer requirements to design, install, configure, and manage HPE storage and backup solutions.

Suggested prerequisites

The required prerequisite is HPE Hybrid Cloud Solutions, Rev. 22.41.

Topics

- **HPE Value Proposition**

- Classify HPE Storage solutions
- Recommend HPE GreenLake services with a focus on storage
- Describe HPE Complete program offerings
- Locate and examine HPE information resources

- **Storage Architectures and Technologies**

Analyze and explain basic storage drive technologies:

- Tiers
- Types
- Interfaces
- Portfolio

Distinguish storage array concepts and technologies

Selective storage presentation

Virtualization

Data reduction

- **HPE Block Storage**

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:

- HPE Alletra 5000/6000
- HPE Primera, HPE Alletra 9000, and HPE GreenLake for Block Storage (Alletra MP)
- HPE GreenLake Block Storage
- HPE XP Storage

Course ID	0001207683
Course format, Typical duration	Select one: VILT – Virtual Instructor Led, 5 days ILT – Instructor Led, 5 days
Skill level	Intermediate (INT)
Delivery languages	English
Lab required	Yes
Related certifications	<ul style="list-style-type: none">• HPE ASE – Storage Solutions• HPE ATP – Hybrid Cloud
In preparation for these exams	Selected items from this course are included in these exams: <ul style="list-style-type: none">• HPE Storage Solutions

[Register for this course.](#)

Find this course offering in the Training calendar. Click “Register” to take the course in The Learning Center. Login and Password required.

- **HPE Hyperconverged Solutions**

- Recommend and explain HPE Alletra dHCI architecture, deployment paths, and concepts
 - Recommend and describe the HPE SimpliVity product family, architecture, deployment paths, and concepts
 - Describe options and benefits of HPE GreenLake for Private Cloud Business Edition

- **HPE Storage Solutions Management, Monitoring, and reporting**

- Explain management and monitoring protocols
 - Differentiate and give examples of available HPE Storage management, monitoring, and reporting tools and platforms

- **HPE Data Protection Solutions: Theory and Hardware**

- 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
 - 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**

- Position HPE and partner data protection solutions
 - Differentiate and describe Veeam Backup and Replication data protection software and how it integrates with HPE solutions
 - 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**

- Differentiate SAN protocols and discuss the benefits of each
 - Demonstrate the most important FC services running within FC-based SAN networks
 - 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**

- Recommend data reduction optimizations
 - Plan hardware and software upgrades, and perform post-upgrade procedures
 - Outline scaling and updating process
 - Demonstrate tuning, and best practices

Objectives

After you successfully complete this course, expect to 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

How to register

Click on this link to register for this course: <https://certification-learning.hpe.com/tr/TrainingCalendar?excludePartners=false&CourseId=0001207683>

Policies, fees and cancellations

Course fees may vary. Fees are established and collected by the training center that delivers the course. Cancellation fees may apply. Contact your HPE Authorized Training Partner for their respective policies.

For more information

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Information is as of July 2024, Revision 2