HPE Storage Solutions, Rev. 25.11

Course description

This 5-day course teaches you how to identify, recommend, and explain HPE Storage solution products, architectures, and technologies, with a focus on single-site solutions. 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 covers:

- Designing HPE Backup Solutions, including HPE GreenLake offerings and HPE partner data protection software.
- HPE Storage management, monitoring, and tuning.
- Networking of HPE Storage solutions, including the HPE StoreFabric portfolio, SAN, and Fibre Channel.

The course includes lectures and lab activities in a ratio of approximately 50/50 (lectures/activities). Updates to this course are live since March 3, 2025. See Release Notes.

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	- HPE ASE – Storage Solutions - HPE ATP – Hybrid Cloud
In preparation for these exams	Selected items from this course are included in these exams: 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.

Ideal candidate for this course

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

The roles that will benefit from this course are:
- Sales Consultants
- Technical Consultants
- Sales Engineers
- Systems Engineers
- Presales Engineers

Topics

- HPE **Value Proposition**
  Classify HPE Storage solutions
  - HPE Alletra Storage MP B10000
  - HPE Alletra Storage MP X10000
  - HPE Alletra Block Storage for AWS
  - HPE Alletra 5000
  - HPE Alletra 4000
  - HPE Alletra dHCI
  - HPE XP
  - HPE StoreOnce
  - HPE Sovereign Cloud

  Recommend HPE GreenLake services with a focus on storage
  - HPE GreenLake for File Storage
  - HPE Data Services Cloud Console

  Locate and examine HPE information resources

- **Storage Architectures and Technologies**
  Distinguish storage array concepts and technologies
  - HPE Alletra Storage MP hardware platform

- HPE Alletra Storage MP X10000
- 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 Storage MP B10000
  - HPE XP Storage

- **HPE Hyperconverged Solutions**
  - Describe options and benefits of HPE GreenLake for Private Cloud Business Edition
  - Recommend and explain HPE Alletra dHCI architecture, deployment paths, and concepts
  - Recommend and describe the HPE SimpliVity product family, architecture, deployment paths, and concepts
  - Recommend and discuss HPE VM Essentials architecture, prerequisites, integrations, and features

- **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 hardware, features, monitoring and licensing options of HPE StoreOnce
  - 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
  - Overview how HPE Zerto 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
  - HPE StoreFabric M-series switches
  - HPE StoreFabric B-series switches
  - HPE StoreFabric C-series switches

- **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:
- Recommend storage-focused HPE GreenLake services
- Differentiate and describe storage architectures and technologies
- Provide an overview of and recommend HPE Storage products
- Classify storage networking architectures and technologies
- Identify and analyze data protection technologies
- Customize HPE StoreOnce solutions
- Distinguish and describe backup software solutions and services
- Demonstrate advanced administering and monitoring tools
- Upgrade, optimize, and tune HPE Storage and backup 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

Contact our program

Information is as of June 2025, Revision 5