Hewlett Packard Enterprise

Advanced HPE Storage Solutions, Rev. 22.11

Course description

Advanced HPE Storage Solutions 22.11 is a five-day highly interactive
course. The instructor-led course is comprised of both lectures and
hands-on lab activities, 30/70 (lectures/activities).
This course prepares the learner for the HPE MASTER ASE – Storage Solutions V4 certification and is recommended for preparation for the
HPE1- H03 exam

Course ID	0001167742
Course format, Typical duration	**Select one:** VILT – Virtual Instructor Led, 5 days ILT – Instructor Led, 5 days
Skill level	Advanced (ADV)
Delivery languages	English
Lab required	Yes

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

The ideal candidate has a minimum of five years hands-on
experience in managing, designing, architecting, and presenting multi-site and/or multi-array storage solutions. The candidate demonstrates analytical, presentation, and communication skills, and an understanding of customer business needs and challenges. The candidate effectively communicates with all personnel levels, including CxO level executives, to translate customer technology and business needs and map them to appropriate HPE solutions.

Suggested prerequisites

HPE ASE – Storage Solutions V4

Topics

- **Describe, evaluate, and apply advanced storage architectures and technologies.**
  - Describe technologies and typical use cases for SAN technologies related to multi-site solutions.
  - Describe technologies and typical use cases for multi-site storage network management.
  - Evaluate and recommend advanced backup systems technology.
  - Describe technologies and typical use cases for multi-site data protection and business continuity.
  - Describe technologies and typical use cases for unified block, file, and object storage architecture for multi-site solutions.

- **Describe and evaluate HPE Storage portfolio and associated service offerings and apply to complex customer use cases.**
  - Describe the HPE enterprise storage strategy for multi-site and multi-array solutions.
  - Given a set of business requirements, position HPE Storage solutions for complex storage configurations.
  - Identify and recommend HPE storage tools and resources to address complex storage configurations.

- **Present the strengths of the HPE storage portfolio relative to market and competitive trends.**
  - Evaluate the storage market and identify the strengths of HPE Storage Solutions in multi-site and/or multi-vendor environments.
  - Illustrate how HPE Storage solutions provide a differentiated competitive advantage and business value in multi-site and/or multi-vendor environments.

- **Plan and design complex HPE Storage solutions**
  - Recognize opportunities and identify customer requirements for multi-site and/or complex storage solutions.
  - Given a scenario, size multi-site and/or complex storage solutions.
  - Given a scenario, plan and design multi-site and/or complex storage solutions.
  - Given a scenario, develop a proposal with a business value statement and bill of materials.
  - Present multi-site and/or complex solutions to the customer.

- **Validate the installation, configuration, and setup of complex HPE Storage solutions**
  - Validate data replication and transparent failover features specific to HPE Primera, HPE 3PAR, HPE Nimble Storage and the new HPE Alletra.
  - Validate HPE integrations and recommended performance tuning (RAs) for specific hypervisors and applications.
  - Configure an HPE storage solution for a multi-vendor environment.

- **Performance-tune, optimize, and upgrade HPE storage solutions.**
  - Identify and compare the existing solution design to the best-practices documentation.
  - Recommend performance-tuning optimizations to the storage solution.

- **Troubleshooting multi-site or complex HPE Storage solutions**
  - Identify system issues and failures in HPE Storage solutions.
  - Create and propose an action plan to resolve the issue/failure in a HPE storage solution.
  - Recommend preventative measures on HPE storage solutions.

- **Manage, monitor, administer, and operate multi-site or complex HPE storage solutions**
  - Manage and administer storage in an HPE Storage solution.
  - Manage and administer data protection (backup and replication) in an HPE Storage solution.
  - Manage and administer FC and IP storage networks in an HPE Storage solution.
  - Develop and manage customer's policy for compliance in an HPE Storage solution.
  - Test and Implement a site failover and recovery plan in response to an outage.

Objectives

After you successfully complete this course, expect to be able to:
- Describe, evaluate, and apply advanced storage architectures and technologies and evaluate HPE Storage portfolio and associated service offerings and apply to complex customer use cases
- Present the strengths of the HPE storage portfolio relative to market and competitive trends while you plan and design complex HPE Storage solutions
- Performance-tune, optimize, and upgrade HPE storage solutions
- Validate the installation, configuration, and setup of complex HPE Storage solutions
- Manage, monitor, administer, and operate multi-site or complex 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=0001167742

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 May 2022, Revision 3