

# HPE Storage Solutions, Rev. 24.21

Course code: H61M3S

This course teaches students how to identify, recommend, and explain HPE Storage Solution architectures and technologies. Students 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. The course also covers designing HPE Backup Solutions, including the right Backup, Recovery, and Archive (BURA) strategies for various customer scenarios. The course uses participant centred learning and 3PAR and HPE Primera hands-on lab exercises.

## Who is the course for

Typical candidates for this course are channel partners, customers, and HPE employees who interpret customer requirements to design, install, configure, and manage HPE storage and backup solutions. The candidate will be able to demonstrate critical-thinking skills required to design, optimize, deploy, manage, and troubleshoot storage solutions.

## What we teach you

After you successfully complete this course, expect to be able to:

- Introduce Alletra's Data Services Cloud Console
- Identify, recommend, and explain HPE Enterprise Storage Solution architectures and technologies
- 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
- Explain HPE 3PAR and Primera OS and configuration
- Explain Nimble storage features
- Explain the fundamentals of virtualization and virtualization management capabilities
- Describe SAN Fabric Topologies, SAN design principles and considerations Describe planning a RAID configuration
- Identify Drive I/O and Performance
- Provide an overview of HPE Reference Architectures
- Describe the goals of HPE presales consultants and storage
- Explore the HPE Storage Management tools
- Explain HPE 3PAR, Primera and Alletra Operating system features
- Explain HPE Nimble storage features
- Explain the fundamentals of virtualization
- Describe SAN Fabric Topologies
- Identify the virtualization management capabilities
- Describe planning a RAID configuration
- Identify Drive I/O and Performance
- Describe SAN design principles and considerations
- Discuss considerations when configuring HPE 3PAR and Primera solutions
- Provide an overview of HPE Reference Architectures
- Describe the goals of HPE presales consultants and storage architects
- Explain how to use HPE sizing and planning tools during a consulting engagement
- List the available return on investment and total cost of ownership tools
- Describe backup strategy planning
- Discuss the features of software used to support HPE BURA solutions
- Explain HPE's Data Services Cloud Console

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