

Designing HPE Enterprise Storage Solutions, Rev17.11 H8C01S (01059531)

HPE course number	H8C01S
Course length	4 days
Delivery mode	ILT, VILT
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This course teaches you HPE Storage Solutions architecture and strategy for enterprise customers. The course includes the latest HPE Storage Solutions portfolio product information. The course presents new and updated Storage Sizing and Configuration lab exercises for HP 3PAR StoreServ, HP StoreVirtual and HP StoreOnce products. This course teaches you about the latest HPE Presales Tools, Virtualization, Flex-Fabric, Enterprise Data Protection StoreOnce Portfolio, and HPE Management Tools and Services.

Why HPE Education Services?

- IDC MarketScape leader 4 years running for IT education and training*
- Recognized by IDC for leading with global coverage, unmatched technical expertise, and targeted education consulting services*
- Key partnerships with industry leaders OpenStack®, VMware®, Linux®, Microsoft®, ITIL, PMI, CSA, and (ISC)²
- Complete continuum of training delivery options—self-paced eLearning, custom education consulting, traditional classroom, video on-demand instruction, live virtual instructor-led with hands-on lab, dedicated onsite training
- Simplified purchase option with HPE Training Credits

Audience

Typical candidates for this course are:

- Presales professionals who support sales representatives at customer site to prepare a complete and supported HPE Storage Solution. The ideal candidate provides technical support needed during the planning and design of HPE enterprise storage products and solutions.
- HPE channel partner organizations and members of HPE sales teams who want to increase sales of HPE storage solutions
- Individual customers and members of purchasing teams who define and propose Storage solutions

Course Objectives

This course prepares you to:

- Explain architectures and technologies of Enterprise Storage Solutions
- Describe HPE storage products and solutions
- Identify the customer storage requirements
- Design, validate and propose HPE storage solutions
- Expand and extend business opportunities for current and future customers
- Understand the HPE Enterprise Backup vision, strategy, products and solutions
- Plan and design an Enterprise Backup Solution
- Integrate HPE Service offerings related to HPE storage solutions

*Realize Technology Value with Training, IDC Infographic 2037, Sponsored by HPE, January 2016

Detailed course outline

HPE Enterprise Market: Servers, storage, SAN, networking, and management	<ul style="list-style-type: none"> Storage trends The new style of business 	<ul style="list-style-type: none"> Overview of HPE Converged Storage
Virtualization and Converged Management	<ul style="list-style-type: none"> VMware and Hyper - V architecture and HPE Storage integrations HPE Converged Systems and Hyper Converged Systems HPE FlexFabric, FlatSAN 	<ul style="list-style-type: none"> Converged Management and integration with HPE OneView HPE vPV (virtual Performance Viewer)
Storage Services	<ul style="list-style-type: none"> HPE ServiceOne Portfolio HPE Services Portfolio HPE Financial Services and Leasing 	<ul style="list-style-type: none"> HPE Packaged Services Consulting Services overview
Designing HPE Enterprise Storage solutions	<ul style="list-style-type: none"> Overview of HPE Enterprise Storage Portfolio HPE Converged Storage product portfolio and HPE Enterprise Storage product portfolio overview 	<ul style="list-style-type: none"> HPE Smart Cache architecture Introducing the HPE server management portfolio
Architecting Storage and Using HPE Storage Sizing Tools	<ul style="list-style-type: none"> Presales goals ROI and TCO concepts 	<ul style="list-style-type: none"> HPE Storage sizing tools and resources Learning check
Administering and Monitoring HPE Enterprise Storage solutions	<ul style="list-style-type: none"> Measuring SSD performance and latency 	<ul style="list-style-type: none"> Monitoring and managing HPE storage systems
Upgrading, Performance tuning and optimizing HPE enterprise storage solutions	<ul style="list-style-type: none"> Tune, optimize, and upgrade HPE storage and management solutions 	<ul style="list-style-type: none"> Insight Remote Support
Designing HPE BURA Solutions	<ul style="list-style-type: none"> Today's backup and recovery challenges HPE StoreOnce single-node and multi-node systems architecture and design HPE Data Protector, StoreOnce, StoreEver portfolios, HPE Recovery Manager Central (RMC) 	<ul style="list-style-type: none"> Archiving (iCAS) and advanced restore options HPE Navigator and Control Point

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