

HPE Convergence Foundations H8N47S

This seminar provides an introduction to the HPE ConvergedSystem and component pieces. The HPE ConvergedSystem approach enables high-velocity business models delivering faster time-to-value, reduced costs and risks, and positions you to move toward Cloud, Mobility, and Big Data solutions-based models that increase your competitive advantage. This one day seminar is lecture only with demonstrations.

HPE course number	H8N47S
Course length	1 day
Delivery mode	ILT/VILT
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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
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- Simplified purchase option with HPE Training Credits

Audience

- Organization Technical Administrators, Consultants, Engineers
- Individuals with backgrounds and familiarity with servers, storage, networking, and management software solutions

Prerequisites

- A basic understanding of the HPE c-Class BladeSystem is beneficial
- Deep technical knowledge is not required however session focus is on the use of multiple solutions in concert with management solutions

Course objectives

At the conclusion of this course you should be able to:

- Understand HPE ConvergedSystem strategy, solutions, key advantages, and components

- Relate components to success for business outcomes and key success indicators
- Organize key workloads and critical organizational initiatives for Cloud, mobility, and Big Data
- Develop a system and solution approach to integrated server, storage, networking, and management software
- Identify HPE OneView management and monitoring capabilities as part of ConvergedSystem administration tasks for infrastructure provisioning

Benefits to you

- Reduce time to insight and action through automated deployment and provisioning
- Refocus your investments on innovation—not operations—by lowering the Total Cost of Ownership (TCO) of your general-purpose infrastructure
- Easily manage net new services

Detailed course outline

Module 1: HPE ConvergedSystem overview

- Technology and architecture
 - Converged infrastructure to systems
 - Critical workloads and workload focus
 - HPE technologies
 - Solution components
 - Software defined convergence
 - Orchestration across infrastructure
 - ConvergedSystem administration
 - HPE ConvergedSystem 200/700
 - HPE ConvergedSystem 500/900
 - OneView management
 - Verified reference architectures
 - Premier technology partners
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Module 2: HPE ConvergedSystem components

- Intelligent PDU
 - HPE Moonshot
 - HPE Integrity Superdome X
 - HPE BladeSystem c-Class c7000
 - HPE Virtual Connect
 - Storage
 - HPE ProLiant BL400 series server blades
 - Technologies supporting Gen9
 - On system management
 - Embedded management with Integrated Lights Out (iLO)
 - HPE smart update technology
 - ProLiant Gen9 server support
 - HPE OneView
 - OneView automation hub
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Module 3: HPE OneView overview

- HPE OneView 1.20
 - OneView connectivity resources
 - OneView networks
 - Network sets
 - Storage use cases
 - Uplink sets
 - Enclosures and logical interconnect groups
 - Importing enclosures
 - OneView server profiles
 - Server profile basics
 - Environment components
 - Utilization metrics
 - Activity, alerts, and tasks
 - Customizable OneView dashboard
 - OneView reporting and email notifications
 - Operations analytics puts all your data to work
 - OneView for VMware® vCenter™ and Microsoft system center
 - New storage enhancements
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Course data sheet

Module 4: HPE ConvergedSystem and solutions

- HPE ConvergedSystem
 - HPE client virtualization offerings
 - HPE ConvergedSystem 200
 - HPE ConvergedSystem 700
 - Key features CS700x
 - HPE ConvergedSystem 500/900
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Next steps

- HPE ConvergedSystem Administration (H7H03S) or
- HPE OneView Administration (H4C04S) or
- HPE Moonshot Administration (H4C03S) or
- HPE OneView Overview (H4C04AAE)

Learn more at
hpe.com/ww/learnconvergedsystems

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