Hewlett Packard Enterprise

Architecting the HPE Matrix Operating Environment HL052S (00497861)

HPE course number	HL052S
Course length	3 days
Delivery mode	ILT
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The Architecting HPE Matrix Operating Environment course prepares the participant to navigate through the HPE Converged Infrastructure solution offering and identify, describe, position, and specify the correct segments of the Converged Infrastructure solution based on identified customer needs. Upon its completion, you should be able to demonstrate a broad understanding at the level of purpose, function, market positioning, competition, and capabilities of the HPE Converged Infrastructure solutions.

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

Audience

- Presales, both internal HPE and external

Certifications and related examinations

- HPE ASE—Converged Infrastructure Architect V1
- HP0-D20—Architecting the HPE Matrix Operating Environment

Prerequisites

- HPE CSA: Converged Infrastructure Administration (2011)
- HPE ATP: Converged Infrastructure Administrator V1

Course objectives

Upon completion of this course, students should be able to:

- Define the HPE Converged Infrastructure and explain its benefits
- List and describe the hardware, software, and technologies that comprise an HPE Converged Infrastructure
- Explain the value that HPE Virtual Connect adds to a Converged Infrastructure solution
- Describe the features and benefits of CloudSystem Matrix
- Describe the features and benefits of Matrix Operating Environment
- Describe the features and benefits of HPE Systems Insight Manager (HPE SIM)
- Describe the features and benefits of Insight Control
- Describe the features and benefits of Insight Control for VMware® vCenter Server™
- Describe the features and benefits of Insight Cluster Management Utility
- Explain how HPE Insight Remote Support works

Detailed course outline

Module 1: HPE Converged Infrastructure Overview	• HPE Converged Infrastructure • What sets HPE apart • Key benefits that accelerate the business • IT business challenge—Aging facilities and IT sprawl • Opportunity • Two ways to achieve a converged infrastructure: Transformational and The step-by-step approach • Choose the best delivery model • Real-world benefits
Module 2: Life Cycle Management	• Intelligent Provisioning—Life Cycle Management for a few systems at a time • Insight Control—Life Cycle Management for several systems at a time • Matrix Operating Environment—Life Cycle Management for on-demand provisioning • Matrix OE capacity planning • Lab Activity: Capacity Planning Reports • CloudSystem Matrix • Cloud bursting
Module 3: BladeSystem Technologies Overview	
Module 4: HPE Virtual Connect	
Module 5: Insight Remote Support and Insight Online	• How HPE Insight Remote Support works • Customer success stories • How HPE Insight Online works
Module 6: HPE SIM	• HPE SIM and third-party servers
Module 7: Insight Control	• Competitive landscape
Module 8: Insight Control for Microsoft System Center	
Module 9: Insight Control for VMware vCenter Server	• HPE VirtualSystem
Module 10: Insight Cluster Management Utility	

Next steps

- HPE BladeSystem Networking, Rev. 11.41 HL942S (00378835)

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