

Integrating HPE Synergy Solutions, Rev. 17.31 (01092982) HOLN8S

HPE course number	HOLN8S
Course length	4 days
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
- 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

This course teaches expert level composable infrastructure and HPE Synergy solutions integration skills using a mixture of hands-on data center simulators, real Synergy hardware, and live facilitated instruction. Students will:

- Learn how to describe, demonstrate and design HPE Synergysolutions to meet customer technical and business needs
- Practice creating configurations and infrastructure installations
- Learn about troubleshooting and ongoing optimization

Objectives:

- Describe the benefits of Composable Infrastructure
- Describe HPE Synergy market positions
- Explain how HPE Synergy simplifies management tasks
- Explain how HPE Synergy master/satellite architecture reduces hardware and management complexity
- Describe, recommend, demonstrate, select, design, install and troubleshoot HPE Synergy solutions to meet a customer's technical and business requirements

Audience:

Typical candidates for this course are:

- Systems Integrators
- Sales Consultants
- Technical Consultants
- Systems Engineers
- Sales Engineers
- Field Support Technicians

HPE recommends that students have prior experience with architecting IT solutions and a working knowledge of individual HPE hybrid infrastructure components including:

- Servers, storage, networking, IT operations, software, security, and services
- HPE OneView
- HPE Virtual Connect

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

Detailed Course Outline

Module 1: Efficiencies of Hybrid Infrastructure	<ul style="list-style-type: none">• HPE Transformation Solutions• Composable Infrastructure	<ul style="list-style-type: none">• HPE Synergy Management Innovation
Module 2: Aligning Synergy to Business Needs	<ul style="list-style-type: none">• HPE Supports Traditional and Emerging Business Needs• How to position Synergy	<ul style="list-style-type: none">• Why Synergy, why now?
Module 3: Installing Synergy Infrastructure	<ul style="list-style-type: none">• Synergy Solution Infrastructure Design• Management Experience by Role	<ul style="list-style-type: none">• Synergy Fabric Innovation• Applying the Synergy Fabric Portfolio to the Workload
Module 4: Configuring Synergy Infrastructure	<ul style="list-style-type: none">• Infrastructure Administrator Role	<ul style="list-style-type: none">• LOB IT/app Developer Role
Module 5: Optimizing Software-Defined Compute	<ul style="list-style-type: none">• Synergy Composable Computing• Applying the Synergy Compute Module Portfolio to Workloads	<ul style="list-style-type: none">• Building Out Synergy Compute Modules
Module 6: Implementing Software-Defined Storage	<ul style="list-style-type: none">• Typical Storage Decision Issues and Solutions• Addressing Diverse Workloads• Synergy Storage Components	<ul style="list-style-type: none">• Storage Hardware Configuration Rules• Stateless Deployment Options
Module 7: Working with Synergy Image Streamer	<ul style="list-style-type: none">• HPE Synergy Image Streamer	
Module 8: Creating a Customer Configuration	<ul style="list-style-type: none">• Creating a Synergy Configuration for a Customer• HPE Synergy Planning Tool	<ul style="list-style-type: none">• HPE Watson/SBW• Building a Synergy Solution for a Specific Customer Workload
Module 9: Managing the Synergy Life Cycle	<ul style="list-style-type: none">• How does Synergy Simplifying Life Cycle Management?• Using the HPE OneView REST API	<ul style="list-style-type: none">• HPE Synergy Troubleshooting

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