Hewlett Packard Enterprise

Implementing HPE SIM, Insight Control, Insight Online and Insight Remote Support H1L29S (00753564)

HPE course number	H1L29S
Course length	4 days
Delivery mode	ILT
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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 on-site training
- Simplified purchase option with HPE Training Credits

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

This is a comprehensive course that focuses on the initial installation and startup tasks required to manage and administer an HPE server environment through the Insight Control Suite of software including HPE SIM. The course delivers the technical information necessary to successfully install and configure the various software components used for management and deployment. Students will install management and deployment tools and also use standard discovery and startup procedures. This class provides hands-on labs, exercises and solution demonstrations.

Audience

- HPE Solution Architect
- HPE Authorized Reseller Partners
- HPE Technical Client Consultants
- HPE Field Presales and Competency Center Solution Architects

Certifications and related examinations

- HPE ATP—Server Administrator V8
- Exam(s): HP2-T21—Administering HPE Server Solutions

Course objectives

After completing this course, you will be able to:

- Describe the features of HPE ProLiant Generation 8 (Gen8) servers

- Describe the use and features of the iLO Management Engine
- Explain the benefits of HPE Service Packs for ProLiant (SPPs)
- Describe the HPE Systems Insight Manager (HPE SIM) version control architecture
- Provide an overview of the features and functions of HPE Systems Insight Manager (HPE SIM)
- Describe the steps and activities involved with installing HPE SIM
- List the post-installation tasks necessary to configure HPE SIM
- Identify the features of HPE Insight Control server deployment
- Describe the hardware and software requirements for installing Insight Control server deployment software

- List the deployment server components that must be installed on servers running Microsoft Windows®
- Describe the licensing and updating options
- Explain the process of installing the Insight Control server deployment software

- Describe the configuration steps necessary to deploy an operating system to a server
- List the post-installation tasks
- Briefly list the features of HPE Insight Remote Support
- Explain how to install Insight Remote Support

- Perform an initial configuration of the Insight Remote Support hosting device
- Provide details about the Insight Remote Support file structure
- Explain how to complete Insight Remote Support post-installation tasks
- Describe how to use HPE Insight Online to manage devices, contracts, and warranties

Detailed course outline

Module 1: System management overview	
	• Objectives
	• HPE ProLiant Gen8 features
	• HPE iLO Management Engine
	• HPE Service Pack for ProLiant
	• HPE version control with the VCRM and VCAs
	• Learning check
Module 2: Implementing HPE SIM	
	• Objectives
	• Overview
	• Installing HPE SIM
	• Insight Management integrated installation
	• Installation on HP-UX, Linux, or Windows
	• Configuring HPE SIM
	• Learning check
Module 3: Implementing Insight Control	
	• Objectives
	• HPE Insight Control server deployment software
	• Installation requirements
	• Deployment server
	• Licensing
	• Installing Insight Control server deployment software
	• Configuration tasks
	• Post-installation tasks
	• Learning check
Module 4: Implementing Insight Remote Support	
	• Objectives
	• HPE Insight Remote Support
	• Installing Insight Remote Support
	• Initial configuration of the hosting device
	• Insight Remote Support 7.0 file structure
	• Completing Insight Remote Support post-installation configuration tasks
	• Insight Online
	• Learning check
Module 5: Learning check answers	

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