

# APS Servicing HP BladeSystem

298947



**Delivery Type:** Classroom

**Duration:** 5 days

## Overview

The HP Insight Control software (previously RDP) is a server deployment solution that facilitates the installation, configuration, and deployment of high-volumes of servers through either a GUI-based or a web-based console, using either scripting or imaging technology. Server configuration time is reduced, making it possible to scale server deployments to high volumes in rapid fashion. This course covers HP Insight Control software 6.x. You will learn how to successfully deploy and maintain HP ProLiant servers using this software product. Insight Control uses a central management console, HP Systems Insight Manager (HP SIM), to provide a comprehensive and intuitive interface for running an entire set of server management tasks. HP SIM alone is an effective unified infrastructure management tool. When used in conjunction with plug-ins, HP SIM becomes a comprehensive, easy-to-use platform that enables organizations to holistically control their Windows, HP-UX, and Linux environments

## Target Audience

This course is suitable for HP Authorized Reseller Customer Service representatives, HP Authorized Reseller Systems Engineers, HP Solution Architects, and HP Technical Client Consultants.

## Pre-Requisites

- ✓ AIS - HP BladeSystem Solutions **OR**
- ✓ AIS - HP ProLiant ML/DL/SL Servers

## Objectives

- ✓ Describe the benefits of the HP Insight Rapid Deployment software 6.0.0.
- ✓ Describe the licensing and update options.
- ✓ Explain how the HP Insight Rapid Deployment software 6.0.0 supports the HP BladeSystem solutions.
- ✓ Name the other HP server deployment tools and compare them with the HP Insight Rapid Deployment software 6.0.0.
- ✓ Explain how to configure HP servers for PXE deployment.

- ✓ Name the alternatives to PXE and how to use them.
- ✓ Explain the process of installing the Insight Rapid Deployment software 6.0.0 and upgrading from previous version.
- ✓ Describe the features of the HP Insight Rapid Deployment software Deployment Console.
- ✓ List the remote operations available from the Deployment Console Operations menu.
- ✓ Describe how Insight Rapid Deployment software uses scripting in server deployment.
- ✓ Compare scripting and imaging deployment methods.
- ✓ Explain how HP Insight Control integrates with HP Systems Insight Manager (HP SIM).
- ✓ List the components and applications that are required to manage an HP SIM system.
- ✓ Describe HP SIM warranty support for Windows, Linux, and HP-UX.
- ✓ Describe the stand-alone tools available from HP for system management.
- ✓ Set up and configure HP SIM.
- ✓ Understand how collections can be used to filter and organize systems.
- ✓ Identify how events are generated and managed.
- ✓ Describe the components and of use the Management Information Base (MIB) importing and compiling tools in HP SIM.
- ✓ Describe the function of each of the HP analysis tools.
- ✓ Explain how to use BladeSystem Integrated Manager.
- ✓ List the requirements for installing the software repository.
- ✓ Describe the features and benefits of performance management.
- ✓ List performance management requirements.
- ✓ Troubleshoot performance management.
- ✓ Name the components of the HP Insight Rapid Deployment software 6.0.0.
- ✓ Explain how the HP Insight Rapid Deployment software 6.0.0 and HP SIM provide a complete deployment and change management solution.
- ✓ Explain the relationship between the HP Insight Rapid Deployment software 6.0.0 and Insight Control Management suites.
- ✓ Describe Preboot Execution Environment (PXE) technology and its key benefits.
- ✓ Install an automation environment.
- ✓ Describe the hardware and software requirements for installing the HP Insight Rapid Deployment software 6.0.0.
- ✓ Describe the configuration steps necessary to deploy an operating system to a server.
- ✓ Name the tools available from the Deployment Console Tools menu.
- ✓ Define HP Insight Rapid Deployment software jobs and tasks and explain how they are used.
- ✓ Describe how Insight Rapid Deployment software uses imaging in server deployment.
- ✓ Explain how to install Linux on a target server using a scripted installation.
- ✓ Describe the features of HP SIM and how each feature can be used to manage remote systems.
- ✓ Describe the internal and external resources for HP SIM.
- ✓ Define system management.
- ✓ Explain how to install and uninstall HP Systems Insight Manager (HP SIM).
- ✓ Explain how tasks can be used to manage a remote system.
- ✓ Describe how tools are created and launched.
- ✓ Define the capabilities of the System Type Manager.
- ✓ Describe the purpose of the WBEM health polling plug-in.
- ✓ Describe the features and benefits of HP BladeSystem Integrated Manager.
- ✓ Describe the HP Systems Insight Manager (HP SIM) version control architecture.
- ✓ Configure the software repository.
- ✓ Describe the performance management process.
- ✓ Explain how to use performance management.