



HP ProLiant Embedded Management Scripting H7H12S

This 1-day course will equip students with the skills and knowledge to understand and manage HP ProLiant Gen9 Servers in the data center. Including the skills needed to make configuration changes using the HP ProLiant Embedded Management Scripting tools.

HP ProLiant Embedded Management Scripting

Price USD \$800

Links to local schedules, pricing and registration [US/Canada](#)
[Mexico/Latin America](#)
[Brazil](#)

HP course # H7H12S

Category ProLiant

Duration 1 day

Audience

- System administrators, engineers, and consultants who manage and monitor an HP ProLiant Servers

Prerequisites

- Introduction to HP ProLiant Servers (HE643S) and basic scripting knowledge, or similar experience is recommended

Course objectives

- Describe the HP ProLiant Scripting Tools
- Identify the requirements for using the HP ProLiant Scripting Tools
- Understand the use of HP ProLiant Scripting Tools for deployment of a basic configuration
- Understand advanced topics for customizing deployment scripts

Next steps

- HP BladeSystem Administration (HE646S)
- HP OneView Administration (H4C04S)
- HP ConvergedSystem Administration (H7H03S)

Course outline

Module 1: HP ProLiant Scripting Tools

- Describe the HP ProLiant Scripting Tools
- Identify the requirements for using the HP ProLiant Scripting Tools
- Understand the use of HP ProLiant Scripting Tools for deployment of a basic configuration
- Understand advanced topics for customizing deployment scripts

• Module 2: HP ProLiant Gen9 UEFI Shell

- Gain additional knowledge about the ProLiant UEFI
- Enable the Embedded User Partition
- Use the UEFI Shell and understand EFI Scripts
- Understand the Secure Boot option

Module 3: HP RESTful API

- Discuss the HP RESTful API
- Understand how to install the HP RESTful Interface Tool
- Use the HP RESTful Interface Tool to display and set parameters in HP Gen9 servers BIOS/UEFI

Module 4: HP PowerShell Tools

- Describe HP PowerShell Tools
- Install HP Scripting Tools for Window PowerShell
- Use HP Scripting Tools for Windows PowerShell iLO cmdlets

Lab 1: Install the HP ProLiant STK and use conrep to save, edit and load a configuration**Lab 2: HP ProLiant Gen9 UEFI Shell**

- Access the UEFI during Boot up
- Change UEFI Settings
- Configure the Embedded User Partition
- Utilize the Embedded UEFI Shell
- Run a EFI script with and without Secure Boot enabled

Lab 3: HP RESTful API

- Connect to a HP Gen9 Server iLO with the RESTful Interface Tool
- Verify current BIOS configuration of a HP Gen9 Server
- Edit Gen9 BIOS configuration settings

Lab 4: HP PowerShell Tools

- Install HP Scripting for Windows PowerShell
- Use PowerShell cmdlets to create an iLO user
- Use PowerShell cmdlets to get and set BIOS settings

Learn more at

hpe.com/us/training/proliant