Hewlett Packard Enterprise



# HPE ProLiant Embedded Management Scripting H7H12S

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

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| **HPE course number** | H7H12S |
| **Course length** | 1 day |
| **Delivery mode** | ILT |
| **View schedule, local pricing, and register** | **View now** |
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## Audience

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

## Prerequisites

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

## Course objectives

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

**Why HPE Education Services?**

- IDC MarketScape leader 4 years running for IT education and training*
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- Simplified purchase option with HPE Training Credits

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

## Detailed course outline

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| **Module 1: HPE ProLiant Scripting Tools** | • Describe the HPE ProLiant Scripting Tools<br>• Identify the requirements for using the HPE ProLiant Scripting Tools<br>• Understand the use of HPE ProLiant Scripting Tools for deployment of a basic configuration<br>• Understand advanced topics for customizing deployment scripts |
| **Module 2: HPE ProLiant Gen9 UEFI Shell** | • Gain additional knowledge about the ProLiant UEFI<br>• Enable the Embedded User Partition<br>• Use the UEFI Shell and understand EFI Scripts<br>• Understand the Secure Boot option |
| **Module 3: HPE RESTful API** | • Discuss the HPE RESTful API<br>• Understand how to install the HPE RESTful Interface Tool<br>• Use the HPE RESTful Interface Tool to display and set parameters in HPE<br>• Gen9 servers BIOS/UEFI |
| **Module 4: HPE PowerShell Tools** | • Describe HPE PowerShell Tools<br>• Install HPE Scripting Tools for Window PowerShell<br>• Use HPE Scripting Tools for Windows® PowerShell iLO cmdlets |

## Detailed lab guide

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| **Lab1: Install the HPE ProLiant STK and use conrep to save, edit and load a configuration** | |
| **Lab2: HPE ProLiant Gen9 UEFI Shell** | • Access the UEFI during Boot up<br>• Change UEFI Settings<br>• Configure the Embedded User Partition<br>• Utilize the Embedded UEFI Shell<br>• Run a EFI script with and without Secure Boot enabled |
| **Lab3: HPE RESTful API** | • Connect to a HPE Gen9 Server iLO with the RESTful Interface Tool<br>• Verify current BIOS configuration of a HPE Gen9 Server<br>• Edit Gen9 BIOS configuration settings |
| **Lab 4: HPE PowerShell Tools** | • Install HPE Scripting for Windows PowerShell<br>• Use PowerShell cmdlets to create an iLO user<br>• Use PowerShell cmdlets to get and set BIOS settings |

## Next steps

• HP BladeSystem Administration (HE646S)

• HP OneView Administration (H4C04S)

• HP ConvergedSystem Administration (H7H03S)

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