

HPE ProLiant Server configuration using Option ROM and UEFI H1RV1AAE

This course is essential training for system, network, and storage administrators using HPE ProLiant Servers in their IT environments. It covers the ProLiant Servers boot-up process, and introduces the Rom Based Setup Utility (RBSU) and the Unified Extensible Firmware Interface (UEFI). Students will learn how to interrupt the boot process to access both the legacy BIOS and newer UEFI interfaces.

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Course length

Delivery mode

H1RV1AAE

1 hour

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Audience

Administrators, engineers, consultants, and support personnel that need to configure, manage and maintain HPE ProLiant Servers.

Prerequisites

Knowledge of basic server and networking technologies.

Course objectives

By the end of the course, you should be able to meet the following objectives:

- Identify features of the HPE ProLiant Gen8 and Gen9 server ROM
- Describe the HPE ProLiant server boot process
- Describe UEFI and list its benefits
- List the steps required to modify System ROM settings using the BIOS RBSU
- Shown how to access iLO configuration from the RBSU
- Discuss the ORCA utility in Gen8 and SSA in Gen9

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

Detailed course outline

Module 1: HPE ProLiant Gen8 and Gen9 System ROM	HPE ProLiant Gen8 and Gen9 ROM features
	Standardized ProLiant Gen8/9 ROM
	HPE advanced error detection technology
	Early video progress indicators
	Early video boot screen
	Fault detection messaging
	Once the POST functions are complete
	Active Health System log
	ROM support for SmartMemory
	Digital signature
Module 2: HPE ProLiant Gen8 and Gen9 boot process	Early video boot screen
	Main boot screen
Module 3: Overview of UEFI	UEFI overview
	Benefits of UEFI compared to legacy BIOS
	Important HPE UEFI Requirements for HPE ProLiant Gen9 servers
	 HPE ProLiant DL580 Gen8 Server was first ProLiant to use the UEFI boot process
	Selecting the UEFI Mode
	UEFI System Utilities
	Additional UEFI Resources
Module 4: Using the RBSU	RBSU main menu
	RBSU configuration example
	Redundant System ROM configuration example
Module 5: Configuring iLO via the RBSU	iLO configuration overview Gen8
	Accessing the iLO configuration utility Gen9
Module 6: Using ORCA and SSA	ORCA overview
	Accessing ORCA Gen8 or earlier
	Accessing SSA Gen9
	SSA interface

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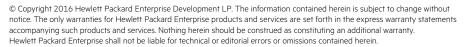
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