



Hewlett Packard Enterprise

Course Datasheet

HPE BladeSystem Power and Cooling Overview

Education Services course product number – H1RW1AAE

Course length – 1.5 Hours

Delivery mode – Web Based Training (WBT)

Register – [Click here to go to HPE Learning Portal](#)

This course explains how to configure power for an HPE BladeSystem c-Class enclosure and how to control and view power consumption. The HPE intelligent location and power discovery services are presented with the structural cooling components and features.

Audience

- System administrators, engineers, and consultants who integrate, manage and monitor HPE BladeSystem equipment.

Prerequisites

- Basic knowledge of HPE BladeSystem portfolio.

Course Objectives

- By the end of the course, you should be able to meet the following objectives:
 - Explain how to configure power for an HPE BladeSystem c-Class enclosure
 - Explain how to control and view power consumption in a c-Class enclosure to configure its efficiency
 - Describe HPE intelligent location and power discovery services
 - Describe the structural cooling components and features of c-Class enclosures

Detailed Course Outline

- HPE Power Advisor
- Connecting c7000 enclosure power modules
- Power supply redundancy
- c-Class enclosure power supply efficiency
- HPE Dynamic Power Saver
- Onboard Administrator power configuration checks
- Enclosure static power
- Enclosure dynamic power capping
- HPE BladeSystem thermal logic and cooling
- HPE BladeSystem c-Class active cool fans
- Power and thermal monitoring
- c-Class c3000 power and cooling
- Intelligent rack temperature reporting
- Power discovery and Insight Control
- HPE Intelligent PDU
- Appendix
- Demo: Managing Power with the Onboard Administrator
- Exercise: Using the HPE Power Advisor
- Learning check