



# Hewlett Packard Enterprise

Course Datasheet

## HPE BladeSystem Connectivity Options

Education Services course product number – H1RW3AAE

Course length – 1 Hour

Delivery mode – Web Based Training (WBT)

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This course presents the HPE BladeSystem c-Class interconnect module architecture and interconnect modules for Ethernet, Fibre Channel, InfiniBand and SAS. The mezzanine cards and slots available in the BladeSystem c-Class server blades are also presented. Then, the HPE BladeSystem c7000 and c3000 enclosure port mapping is explained.

### Audience

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

### Prerequisites

- Basic knowledge of scripting, server and networking technologies.

### Course Objectives

- By the end of the course, you should be able to meet the following objectives:
  - Describe the HPE BladeSystem c-Class interconnect module architecture
  - List the BladeSystem c-Class interconnect modules
    - Ethernet
    - Fibre Channel
    - InfiniBand
    - SAS
  - Describe the mezzanine cards and slots available in the BladeSystem c-Class server blades
  - Describe the port mapping for HPE BladeSystem enclosures:
    - c7000
    - c3000

## Detailed Course Outline

- Interconnect module architecture
- HPE BladeSystem c-Class Ethernet interconnects
- HPE StoreFabric B-series switches for BladeSystem
- HPE BladeSystem server adapters
- HPE Virtual Connect networking
- HPE Virtual Connect FlexFabric
- HPE Virtual Connect Fibre Channel
- Virtual Connect management
- The signal midplane for Non-Stop reliability
- c7000 interconnect bay numbering and mapping
- c3000 interconnect bay numbering and mapping
- Demo: HPE BladeSystem c-Class c7000 port mapping
- Demo (Appendix): Exploring HPE Virtual Connect Manager
- Learning check