

Course description: IBM All BladeCenter Workshop

Course codeXTR30AGB

Delivery typeClassroom

Duration 3.0 days

Course type Public or Private on-site

This course combines the content of the *BladeCenter Fundamentals (XTR30)* and content from the 3 follow on classes; XTR31 (BC-S), XTR32 (BC-E) and XTR33 (BC-H) into a single 3-day comprehensive BladeCenter class with a mix of presentations and hands-on labs.

This class provides an in-depth understanding of the design and technology behind the IBM's BladeCenter systems and components, with main focus on the blades and modules available for the different IBM BladeCenter Chassis. The course presents a detailed technical introduction to the different BladeCenter types (E, H and S) - This includes the different architectural features, management options and the Advanced Management Module's web-interface and functions, as well as troubleshooting and installation considerations. There is also a basic overview of the BladeCenterT and BladeCenterHT.

The course also discusses the capabilities and features of the IBM Director for the BladeCenter, including management and configuration options.

Audience

This is an comprehensive course for individuals with responsibility for technical marketing, product implementation, and technology exploitation of IBM BladeCenter solutions. Enrolment in this course is not restricted. However, typical students taking this course include IBM technical personnel and IBM Business Partner technical personnel involved with the planning, installation, configuration and upgrading of IBM BladeCenters.

Pre-requisites

It is recommended that you have some experience with Intel-based computer hardware and Windows or Linux operating systems.

Objective

- Understand the key advantages of the IBM BladeCenter offerings
- Identify the different blade server models

- Describe features and functionality of the different I/O modules
- Understand the high speed options for the IBM BladeCenter chassis
- Identify the IBM Director management tasks available at the IBM BladeCenter chassis level
- Understand the key advantages of the IBM BladeCenter offerings
- Explain the mechanical and architectural characteristics of the BladeCenter components
- Configure a BladeCenter using management tools such as the Advanced Management Module

Key topics

- BladeCenter Introduction and Technology Overview
- Blade Server Technology
- Ethernet Connectivity and Options
- Storage Connectivity and Options
- High Speed I/O Modules for IBM BladeCenter H
- Systems Management with IBM Director
- BladeCenter E Hardware Overview
- BladeCenter E Installation Considerations and Troubleshooting
- BladeCenter H Hardware Overview
- BladeCenter H Installation Considerations and Troubleshooting
- BladeCenter S Hardware Overview
- BladeCenter S Installation Considerations and Troubleshooting
- BladeCenter S - Disk Storage Module featuring IBM SAS Connectivity Module and IBM Storage Configuration Manager
- Systems Management with Advanced Management Module

Remarks

The hands-on labs for this class are run on a wintel platform using a BladeCenter-H or a BladeCenter-E.