WebSphere Application Server V8.5 Administration
XTRB3G

Delivery Type: Instructor led - Online
Duration: 3 days

Overview

The IBM BladeCenter Fundamentals - BladeCenter H course provides a detailed introduction and overview of the IBM BladeCenter. Major topics covered include the BladeCenter chassis components and infrastructure, management interface, blade servers, and I/O modules.

Each major lecture group is followed by a hands-on lab exercise, including chassis configuration and management, blade server control, I/O module management and control, and BladeCenter Open Fabric Manager (BOFM).

Building on these skills and with emphasis on the IBM BladeCenter H, we discuss the IBM BladeCenter H and its unique components, power and cooling, midplane connections, and systems management. We then cover the high-speed infrastructure and options that are available. Open Fabric Manager is discussed to help you get the most from your I/O followed by showing the sequence of events in a blade failover and recovery. The last portion of this three day class covers those elements regarding installation and the associated tools.

The additional focused labs with the BladeCenter H is the BladeCenter Open Fabric Manager, known as BOFM.

Pre-Requisites

The following course is required prior to this course:
IBM System x Technical Principles (XTR11GB)

Objectives

- ✓ Describe the motivation behind blade servers technology
- ✓ List different components of chassis and blade server
- ✓ List different types of BladeCenter chassis
- ✓ Describe specifications of the latest IBM blade server products
- ✓ Describe how IBM BladeCenter plays a key role in IBM Smarter Planet
- ✓ List different components of BladeCenter
- ✓ Describe high level architecture of BladeCenter
- ✓ Describe power domains configuration in each chassis
- ✓ List subsystems of a blade server

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- ✓ List types of expansion cards and expansion blades
- ✓ List different management components of BladeCenter
- ✓ Explain the purpose of UEFI and IMM
- ✓ Perform BladeCenter management using AMM
- ✓ Understand network connectivity of BladeCenter
- ✓ List various expansion cards and specifications
- ✓ List various Ethernet switch modules and expansion cards
- ✓ List various storage switch modules and expansion cards
- ✓ List steps of workload deployment on blade servers
- ✓ Deploy an operating system on a blade server

Target Audience

Enrollment in this course is not restricted; however, typical students taking this course include technical IBM personnel from the FTSS, ATS, and Techline organizations as well as business partner technical personnel involved with planning, installation, configuration, and management of the IBM BladeCenter.