

z/OS Installation

Course Summary

Description

This course provides a hands-on environment to teach the student about the planning, installing, and migrating to the z/OS environment.

Topics

- Understanding the z/OS Package Environment
- Driving System Requirements
- Using the Dialogs to Install z/OS
- Customization Before the First IPL
- Customization After the Initial IPL
- Hardware Configuration Dialog (HCD) for Configuration Management
- Planning for a Production Environment

Audience

System Programmers that need a better understanding of the installation process to create a production z/OS environment

Prerequisites

There are no prerequisites for this class.

Duration

Five days

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Course Outline

- I. Understanding the z/OS package environment**
 - A. Review hardware requirements for installation
- II. Driving system requirements**
 - A. Determine hardware/software dependencies for migration from existing environment.
 - B. Planning for toleration maintenance and "fall-back" scenarios
- III. Using the dialogs to install z/OS**
 - A. ServerPac functions
 - B. Building systems using the ServerPac dialogs
- IV. Customization before the first IPL**
 - A. Defining the hardware configuration using the I/O Configuration Program (IOCP) and Hardware Configuration Dialogs (HCD)
 - B. Setting up basic PARMLIB members
 - C. Configuring initial TSO/VTAM environment
- V. Customization after the initial IPL**
 - A. Review PARMLIB member customization
 - B. Establishing subsystem migration requirements
 - C. Setting up a production catalog/data environment
- VI. Hardware Configuration Dialog (HCD) for configuration management**
 - A. Planning considerations for HCD
 - B. Dynamic reconfiguration; managing and initiating changes
 - C. Creating HCD configuration reports
- VII. Planning for a production environment**
 - A. Setting up a maintenance environment
 - B. Exploiting architectural enhancements
 - C. Configuration considerations:
 1. LPAR definitions
2. Workload Manager Considerations (WLM)