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
z/OS Installation

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