z/OS Systems Programmer Bootcamp

Course Summary

Description

The course covers z/OS fundamentals, UNIX System Services, JES2 facilities, Basic telecommunications, SMP/E, z/OS Diagnostics, Parallel sysplex, and z/OS Performance Management.

Topics

- Introduction to z/OS Basics and Data Sets
- Introduction to TSO/ISPF
- Introduction to JCL
- Utility Programs
- Catalogs
- REXX Programming
- Introduction to z/OS Systems Programming

Audience

This course is designed for experienced systems programmers who need a more detailed understanding of z/OS functions.

Prerequisites

Students should have a minimum of one year' experience in the z/OS environment, preferably two.

Duration

25 days

z/OS Systems Programmer Bootcamp

Course Outline

I.   Introduction to z/OS Basics and Data Sets
A. Examine the components that make up the z/OS environment
B. Introduction to data sets and files within z/OS

II.   Introduction to TSO/ISPF
A. Logging on/off
B. Navigation
C. Using panels
D. Invoking utility functions
E. Browsing/editing data sets
F. Edit facilities
G. SDSF

III. Introduction to JCL
A. JCL Concepts
B. JOB statement
C. EXEC statement
D. DD statement
E. PROCS
F. Overrides and symbolics
G. Generation Data Sets

IV.   Utility Programs
A. IEBGENER, IEBCOPY, IEBCOMPR
B. IEFBR14, IDCAMS, SORT

V.   Catalogs
A. Master/User catalogs
B. Using IDCAMS to manage catalogs

VI.   REXX Programming
A. Introduction to REXX Programming
B. REXX Keywords
C. Built in functions

VII. Introduction to z/OS Systems Programming
A. JES2
B. UNIX System Services
C. PARMLIB definitions
D. System IPL and Shutdown
E. SMP/E