z/OS JCL and Utilities

Duration: 5 Days   Course Code: ES07G

Overview:

This course is designed to teach you how to use z/OS Job Control Language (JCL) and selected z/OS utility programs in an online batch environment. Both Storage Management Subsystem (SMS) and non-SMS JCL are discussed. Machine lab exercises complement the lecture material.

Target Audience:

This course is intended for people who want to use z/OS JCL and utilities.

Objectives:

- Code basic JCL statements using proper syntax and coding rules, including JCL for:

- Creating new data sets

- Referencing existing data sets

- Condition code testing

- IF/THEN/ELSE/ENDIF constructs

- Generation data groups

- Output routing

- JCL enhancements introduced by various releases of MVS, OS/390, and z/OS

- Identify storage management subsystem requirements

- Code instream and cataloged procedures

- Use symbolic parameters in procedures

- Code procedure overrides and additions

- Use selected utility programs

- Describe tape processing facilities

- Code sort and merge control statements and associated JCL statements

- Recognize and resolve common ABENDS

Prerequisites:

Basic knowledge of IS technologies. You should be familiar with z/OS concepts and how these systems supports the Enterprise Servers. This knowledge can be obtained by attending course, An Introduction to the z/OS Environment (ES05).

Content:

Agenda

Day 1

- Welcome
- Introduction to JCL
- JOB, EXEC, and DD Statements
- DD Statement Parameters, A Second Look
- Lab - Day 1

Day 2

- Lab Review - Day 1
- DD Statement Parameters, A Second Look
- Introduction to Utilities and Conditional Execution
- Data Management, Organization, and Format
- Lab - Day 2

Day 3

- Lab Review - Day 2
- Data Management, Organization, and Format
- Generation Data Groups
- Procedures
- More About Utilities
- Lab - Day 3

Day 4

- Lab Review - Day 3
- More About Utilities
- More on Procedures
- Selected JCL Topics
- Sort/Merge
- Lab - Day 4

Day 5

- Lab Review - Day 4
- Multi Volume and Tape Allocation
- ABENDS
- Optional Lab - Day 5

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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