Course Code: ESC9G

Course Title: IBM z/OS 2.4 Update

Description:

This course is designed to teach students the new features and enhanced functions provided in z/OS Version 2 Release 4. The software updates and enhancements for z/OS V2R4 are presented in groups based on closely associated z/OS components. The groups include enhancements to the base control program, sysplex features, UNIX System Services, the data storage subsystem, Communications Server, and security components, such as RACF.Finally, the installation and migration issues relating to installation of z/OS V2.4 are discussed.

Objectives:

- List the main enhancements in z/OS V2R4
- Describe and implement, where necessary, the other enhancements packaged with z/OS V2.4 including:
- The BCP includes the I/O configuration program (IOCP), the Workload Manager (WLM), System Management Facilities (SMF), HCD/HCM, the program management binder, Language Environment, Global resource serialization, z/OS sysplex, cross-system coupling facility (XCF), Coupling Facility Resource Manager (CFRM), SFM, system Logger) and other components like BCPii, z/OS Resource Measurement Facility (RMF) and z/OS Job Entry Subsystem 2 (JES2), JES3, SDSF, z/OS Interactive System Productivity Facility (ISPF), time-sharing option (TSO), REXX.
- z/OS Management Facility (zOSMF).
- The USS kernel, USS shell, and related file system services.
- Data storage management which includes Extended Address Volumes, DFSMSdfp, DFSMSdss, and DFSMShsm.
- Communications Server which includes features of the TCP/IP address space, general IP, and SNA modernization.
- System security - RACF.
- z/OS Management Facility (zOSMF).
- z/OS Container Extensions
- Plan for and install the z/OS V2.4 system.

Prerequisites:

Knowledge of z/OS at the level of a z/OS system programmer, acquired on the job or through the z/OS curriculum. Warning: This class only covers changes packaged in z/OS V2.4 and expects students to be familiar with the contents of the z/OS V2R3 and previous system upgrades.

Duration:

24 Hrs

Topics:

List the main enhancements in z/OS V2R4
Describe and implement, where necessary, the other enhancements packaged with z/OS V2.4 including:

The BCP includes the I/O configuration program (IOCP), the Workload Manager (WLM), System Management Facilities (SMF), HCD/HCM, the program management binder, Language Environment, Global resource serialization, z/OS sysplex, cross-system coupling facility (XCF), Coupling Facility Resource Manager (CFRM), SFM, system Logger) and other components like BCPii, z/OS Resource Measurement Facility (RMF) and z/OS Job Entry Subsystem 2 (JES2), JES3, SDSF, z/OS Interactive System Productivity Facility (ISPF), time-sharing option (TSO), REXX.
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z/OS Management Facility (zOSMF).
z/OS Container Extensions
Plan for and install the z/OS V2.4 system.

Audience:

This course is intended for system programmers and subsystem administrators responsible for installing and implementing z/OS V2.4 in their enterprise.