z/OS System Operators

Duration: 3 Days **Course Code: ES27G** **Delivery Method: Virtual Learning**

Overview:

This course intends to provide an overview of the z Operating System (OS), look at the systems from both a hardware and software prospective, and develop a basic understanding of System z partitioning capabilities,
Topics seen: Processor Resource/Systems Manager (PR/SM), z/OS, Job Entry Subsystem 2 (JES2), Job Entry Subsystem 3 (JES3), Time Sharing Option (TSO), TSO Extended (TSO/E), System Display and Search Facility (SDSF), z/OS Communications Server, and System z channel subsystem usage for various channels, such as Enterprise System Connection (ESCON), Fiber Connector (FICON), and the Open Systems Adapter (OSA).
It will also describe the Initial Program Loader (IPL) process and enable you to become comfortable issuing z/OS commands from a Multi Console Support (MCS) system console or extended MCS console.

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

Target Audience:

This basic course is for IT personnel with little or no theoretical background of z/OS and little or no general practical in IS experience.

Objectives:

- After this course participants should be able to:
- Describe System z usage of z/Architecture
- Identify System z servers and their major components
- Name z/OS functional groups and base elements
- Describe the concept of virtual storage and its exploitation in z/OS
- Issue z/OS commands with the correct syntax
- Identify z/OS display commands that can be used to determine device and channel path status
- Describe the use of VARY and CONFIG z/OS operator commands
- Interpret the results of z/OS commands
- Identify the differences between JES2 and JES3
- Describe JES2 usage
- SPOOLs and checkpoint data sets
- Cold, warm, and hot starts
- Commands to control resources and display job status
- Describe the purpose and use of the following:
- TSO
- ISP/PDF
- Allocating, displaying, and editing data set information with ISP/PDF panels
- SDSF
- Describe the naming rules for z/OS data sets
- Describe the z/OS catalog structure
- Describe the functions performed by DFSMS, DFSMSdss, DFSMShsm, and DFSMSrmm to help manage the data sets in a data center
- Describe the function of JCL cataloged procedures
- Identify the difference between MCS consoles and extended MCS consoles
- Issue commands to determine the status and parameters of any console
- Describe major console enhancements at z/OS 1.8, z/OS 1.10, and z/OS 2.1

Prerequisites:

You should have a basic knowledge of IBM z/OS Environment equivalent to ES10G.

Content:

Day 1

- Welcome
- Unit 1: Review of System z servers and z/OS
- Unit 2: z/OS MVS commands
- Labs 1, 2, and 3

Day 2

- Review
- Unit 3: JES and TSO
- Unit 4: z/OS data sets
- Labs 4, 5, and 6

Day 3

- Review
- Unit 5: z/OS consoles operation
- Labs 7, 8, and 9

Additional Information:

Official course book provided to participants

Further Information:

For More information, or to book your course, please call us on 00 20 (0) 2 2269 1982 or 16142

training@globalknowledge.com.eg

www.globalknowledge.com/en-eg/

Global Knowledge, 16 Moustafa Refaat St. Block 1137, Sheraton Buildings, Heliopolis, Cairo