z/OS Facilities

Duration: 4.5 Days **Course Code: ES15G** **Delivery Method: Virtual Learning**

Overview:

This classroom course introduces the base elements, optional features, and servers provided in z/OS. It focuses on the system service facilities provided by the z/OS Base Control Program (BCP). It teaches you the functions of major software base elements in the management of jobs, tasks, storage, data, and problems. It also addresses how these functions can be affected by the system programmer.
You will be introduced to the services provided by the servers which execute in the z/OS environments, such as the Communications Server and the Security Server. Installation packaging options and steps to install the z/OS environments also will be introduced.

Virtueel en Klassikaal™

Virtueel en Klassikaal™ is een eenvoudig leerconcept en biedt een flexibele oplossing voor het volgen van een klassikale training. Met Virtueel en Klassikaal™ kunt u zelf beslissen of u een klassikale training virtueel (vanuit huis of kantoor)of fysiek op locatie wilt volgen. De keuze is aan u! Cursisten die virtueel deelnemen aan de training ontvangen voor aanvang van de training alle benodigde informatie om de training te kunnen volgen.

Target Audience:

This basic course is for persons who are new to the z/OS platforms but have a technical background in information technology. It is intended for those who require an in-depth understanding of z/OS.

Objectives:

- Describe the system initialization process of the z/OS operating systems
- State the differences between an address space, data space, and hyperspace
- Describe the process of translating a virtual address to a real address
- Explain the difference between paging and swapping
- Define a z/OS task
- Describe dispatching, interrupt processing, supervisor calls, cross memory services, and serialization
- Describe the purpose of the Job Entry Subsystem (JES)
- Illustrate the flow of a job through the z/OS environment
- Describe the allocation process for data sets in the z/OS environments
- Illustrate how an I/O request is processed in a z/OS environment
- Describe how workload management is accomplished in a z/OS environment
- Explain the z/OS recovery processes and list available problem determination tools
- Describe z/OS storage management concepts
- Describe the UNIX System Services functions provided in the z/OS environments
- Explain the network topologies and protocol support provided in z/OS
- Describe system security and network security for a z/OS environment
- Create a high-level plan for the installation and configuration of a z/OS environment

Prerequisites:

You should have:

- Basic knowledge of IS technologies and familiarity with z/OS concepts and how these systems support the Enterprise servers. This knowledge can be obtained by attending An Introduction to the z/OS Environment (ES05DE)

- Practical experience with logging on to TSO and working with JCL. This experience can be obtained by attending Fundamental System Skills for z/OS (ES10DE)
- ES05G - Introduction to the z/OS Environment
- ES10G - Fundamental System Skills in Z/OS

Content:

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Further Information:

For More information, or to book your course, please call us on 030 - 60 89 444

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