z/OS Facilities

Varighed: 5 Days Kursus Kode: ES15G Leveringsmetode: Virtuel deltagelse

Beskrivelse:

This classroom course introduces the base elements, optional features, and servers that are provided in z/OS. It focuses on the system service facilities that are provided by the z/OS Base Control Program (BCP). It teaches the students 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.
Students are 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 are introduced.

Virtuel deltagelse

Et V&C Select kursus indholder nøjagtig det samme som et almindeligt kursus. Før kursusstart modtager man kursusmaterialet. Dernæst logger man på kurset via internettet og ser via sin pc den selvsamme præsentation som de øvrige deltagere, man kommunikerer via chat med underviseren og de øvrige deltagere på kurset. Denne uddannelsesmodel er både tids-og omkostningsbesparende og kan være et oplagt alternativ til almindelig klasseundervisning, hvis man f.eks. har et begrænset rejsebudget.

Målgruppe:

This class is designed 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.

Agenda:

- 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

Forudsætninger:

You should have a basic knowledge of IS technologies and also should be familiar 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 (ES050). Youd should also have practical experience with logging on to TSO and

working with JCL. This experience can be obtained by attending z/OS Quick Start (ES10A)

Indhold:

Day 1

- Unit 1: z/OS overview
- Including welcome and course overview
- Unit 2: Storage management

Day 2

- Unit 3: Managing work
- Unit 4: Input/output processing

Day 3

- Unit 4: Input/output processing (continued)
- Unit 5: Data management
- Unit 6: Job management

Day 4

- Unit 7: IPL and system initialization
- Unit 8: Termination and recovery analysis
- Unit 9: Installing and configuring

Day 5

- Unit 10: Communicating
- Unit 11: Security in z/OS
- Including end-of-course summary

Flere Informationer:

For yderligere informationer eller booking af kursus, kontakt os på tlf.nr.: 44 88 18 00

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