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## z/OS UNIX System Services Implementation

**Duration: 4.5 Days**    **Course Code: OP25G**

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### Overview:

This course is designed to provide you with the skills required to install and customize z/OS UNIX (full name z/OS UNIX System Services), and to manage and monitor the z/OS UNIX environment.

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### Target Audience:

This intermediate course is for experienced data professionals such as z/OS system programmers, who are responsible for the installation and maintenance of z/OS UNIX.

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### Objectives:

- Execute the tasks required to prepare a z/OS installation for implementing z/OS UNIX
  - Execute the tasks to install the z/OS UNIX software features
  - Use the information provided in this class to perform the basic customization necessary to fully implement the z/OS UNIX kernel, the file system, the shell and utilities, and z/OS UNIX applications
  - Put in place the RACF security required for z/OS UNIX resources and applications
  - Make appropriate definitions for the activation of TCP/IP sockets by z/OS UNIX
  - Identify and use the processes and data required for monitoring and tuning the z/OS UNIX environment
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### Prerequisites:

You should have:

- a basic knowledge of z/OS UNIX as provided in the course Introducing z/OS UNIX Services (OP05AGB), and
  - the skills normally required to install a z/OS product using SMP/E and batch jobs to update system data sets.
- Knowledge of RACF is also useful.
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## Content:

### Day 1

- Welcome
- Unit 1: z/OS UNIX implementation overview
- Unit 2: z/OS UNIX services initial installation
- Exercise 1: Move from default to full mode function
- Exercise 2: IPL in full function mode and enable a nonvolatile root HFS
- Unit 3: File system customization

### Day 2

- Exercise 3: Customizing the file system
- Unit 4: Security customization
- Exercise 4: Defining and managing UNIX users, OMVS security

### Day 3

- Unit 5: Shell customization
- Exercise 5: UNIX System Services and shell customization
- Unit 6: Customizing applications, daemons, and servers
- Exercise 6: UNIX processes
- Exercise 7: Access control list and enhanced ASCII support (optional)

### Day 4

- Unit 7: File system management and system maintenance
- Exercise 8: Managing HFS and zFS data sets
- Unit 8: Managing z/OS UNIX operations
- Unit 9: Exploiting TCP/IP with z/OS UNIX
- Exercise 9: Managing z/OS UNIX

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## Further Information:

For More information, or to book your course, please call us on 0800/84.009

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