

## Mastering IBM AIX: Implementation and Administration

**Duración: 5 Días**    **Código del Curso: AN12G**    **Método de Impartición: Curso Remoto (Virtual)**

### Temario:

Learn to install, customize, and administer the AIX operating system in a multiuser IBM Power server partitioned environment. The course is based on AIX 7.3 running on a IBM Power server managed by Hardware Management Console and provides practical discussions that are appropriate to earlier AIX releases.

Curso Remoto (Abierto)

Nuestra solución de formación remota o virtual, combina tecnologías de alta calidad y la experiencia de nuestros formadores, contenidos, ejercicios e interacción entre compañeros que estén atendiendo la formación, para garantizar una sesión formativa superior, independiente de la ubicación de los alumnos.

### Dirigido a:

This intermediate course is intended for system administrators or anyone implementing and managing an AIX operating system in a multiuser Power partitioned environment.

### Objetivos:

- After this course participants should be able to:
- Install the AIX operating system, filesets, and RedHat Package Manager (RPM) packages
- Perform system startup and shutdown
- Discuss and use system management tools such as System Management Interface Tool (SMIT)
- Manage physical and logical devices
- Discuss the purpose of the logical volume manager
- Perform logical volume and file system management
- Create and manage user and group accounts
- Perform and restore system backups
- Utilize administrative subsystems, including cron to schedule system tasks, and security to implement customized access of files and directories
- Configure TCP/IP networking
- Configure and conduct Live Updates on a running AIX LPAR

### Prerequisites:

You should already be able to:

- Log in to an AIX system and set a user password
- Execute basic AIX commands
- Manage files and directories
- Use the vi editor
- Use redirection, pipes, and tees
- Use the utilities find and grep
- Use the command and variable substitution
- Set and change Korn shell variables
- Write simple shell scripts

These skills can be acquired by attending *AIX Basics (AN10D1DG)* or through equivalent AIX or UNIX knowledge. Also, it would be helpful (but not mandatory) if students were familiar with partitioning concepts and technology taught in *Power Systems for AIX I: LPAR Configuration and Planning (AN11G)*.

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## Siguientes cursos recomendados:

- AN15G Power Systems for AIX III: Advanced Administration and Problem Determination
  - AN30G IBM PowerVM: Implementing Virtualization
  - AN31G IBM PowerVM II: Advanced Management and Performance
  - AN33G Implementing PowerVM Live Partition Mobility
  - AN51G Power Systems for AIX IV: Performance Management
  - AN52G Advanced Tools for AIX Performance Analysis
  - AN61G PowerHA SystemMirror 7 Planning, Implementation, Customization and Basic Administration
  - AN62G PowerHA SystemMirror 7 Advanced Configurations
  - AN6AG Implementing VM Recovery Manager - HA
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## Contenido:

### Day 1

- Welcome
- Unit 1: AIX system management tools
- Exercise 1: Using SMIT
- Unit 2: Device Management
- Exercise 2: Device management
- Unit 3: The Logical Volume Manager
- Exercise 3: The Logical Volume Manager

### Day 2

- Unit 4: File system management
- Exercise 4: File system management
- Unit 5: Paging space
- Exercise 5: Paging space
- Unit 6: User administration

### Day 3

- Exercise 6: User administration
- Unit 7: Scheduling
- Exercise 7: Scheduling
- Unit 8: Backup and recovery
- Exercise 8: Backup and recovery

### Day 4

- Unit 9: Startup and shutdown
- Exercise 9: Startup and shutdown
- Unit 10: AIX and software installation
- Exercise 10: AIX and software installation

### Day 5

- Unit 11: AIX installation options
- Exercise 11: AIX installation options
- Unit 12: TCP/IP implementation
- Exercise 12: TCP/IP implementation

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## Información Adicional:

Official course book provided to participants

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## Más información:

Para más información o para reservar tu plaza llámanos al (34) 91 425 06 60

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