



Enterprise Computing Solutions - Education Services

## OFERTA FORMATIVA

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# Power Systems for AIX II AIX Implementation and Administration

<b>CÓDIGO:</b>	<b>DURACIÓN:</b>	<b>Precio:</b>
AN12G	5 días	€2,500.00

## Description

Learn to install, customize, and administer the AIX operating system in a multiuser Power Systems partitioned environment. The course is based on AIX 7.2 running on a Power Systems server managed by Hardware Management Console and provides practical discussions that are appropriate to earlier AIX releases.

## Objetivos

- 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 Kernel Updates on a running AIX LPAR

## Público

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

## Requisitos Previos

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 (AN10G)* **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)*.

## Programa

### Day 1

- Welcome
- Unit 1: Introduction to IBM Power Systems, AIX, and system administration
- Exercise 1: Introduction to IBM Power Systems, AIX, and system administration
- Unit 2: AIX system management tools
- Exercise 2: Using system management tools in AIX
- Unit 3: System startup and shutdown
- Exercise 3: System startup and shutdown
- Unit 4: AIX installation
- Exercise 4: AIX installation

## Day 2

- Unit 5: AIX software installation and maintenance
- Exercise 5: AIX software installation and maintenance
- Unit 6: System configuration and devices
- Exercise 6: System configuration and devices
- Unit 7: System storage overview
- Exercise 7: System storage overview: LVM commands
- Unit 8: Working with the Logical Volume Manager
- Exercise 8: Working with LVM

## Day 3

- Unit 9: File systems administration
- Exercise 9: File system administration
- Unit 10: Paging space
- Exercise 10: Page space
- Unit 11: Backup and restore
- Exercise 11: Backup and restore

## Day 4

- Unit 12: Security and user administration: Part one
- Exercise 12: Security and user administration: Part one
- Unit 13: Security and user administration: Part two
- Exercise 13: Security and user administration: Part two
- Unit 14: Scheduling and time
- Exercise 14: Scheduling
- Unit 15: TCP/IP networking

## Day 5

- Unit 15: TCP/IP networking (continued)
- Exercise 15: TCP/IP networking
- Unit 16: Introduction to Workload Partitions
- Exercise 16: Workload Partitions

## Opciones

### Der Kurs AN12D1CH ersetzt ab 2010 den bisherigen Kurs AU14D1AT.

Die Kurssprache ist deutsch, die Unterlagen sind in englischer Sprache. **Folgekurse:**

- *Power Systems for AIX 3: Advanced Administration and Problem Determination* ([AN15D1AT](#))
- *Implementing AIX Security Features* ([AU47D1DE](#))
- *Power Systems for AIX - Virtualization 1: Implementing Virtualization* ([AN30D1AT](#))

Bitte beachten Sie, dass einige Kurse mit Terminen nur in Deutschland angeboten werden.

## Más información

Prior to enrolling, IBM Employees must follow their Division/Department processes to obtain approval to attend this public training class. Failure to follow Division/Department approval processes may result in the IBM Employee being personally responsible for the class charges.

GBS practitioners that use the EViTA system for requesting external training should use that same process for this course. Go to the EViTA site to start this process: <http://w3.ibm.com/services/gbs/evita/BCSVTEnr1.nsf>

Once you enroll in a GTP class, you will receive a confirmation letter that should show:

- The current GTP list price
- The 20% discounted price available to IBMers. This is the price you will be invoiced for the class.

## Fechas Programadas

Fecha	Localización	Zona horaria	Idioma	Modalidad de impartición	Impartición garantizada	Precio
26 Sep 2022	Virtual Classroom	EEST	English	Instructor Led Online		Gratuito

## Información Adicional

[Esta formación también está disponible en modalidad presencial. Por favor contáctenos para más información.](#)