

# Course : Mastering IBM AIX: Implementation and Administration (AN12G)

Official IBM course

**Practical course - 5d - 35h00 - Ref. SFX**

**Price : 5360 € E.T.**

With this course, you'll learn how to install, customize and administer the AIX operating system in a partitioned, multi-user IBM Power Server environment. The course is based on AIX 7.3 running on an IBM Power Server managed by Hardware Management Console, and includes practical discussions suitable for earlier versions of AIX.

## **Teaching objectives**

At the end of the training, the participant will be able to:

- ✓ Install AIX operating system, file sets and RedHat Package Manager (RPM) packages
- ✓ Perform system startup and shutdown
- ✓ Use system management tools such as System
- ✓ Manage the management interface tool (SMIT)
- ✓ Manage physical and logical devices
- ✓ Discuss the purpose of the logical volume manager
- ✓ Logical volume and file system management
- ✓ Create and manage user and group accounts
- ✓ Performing and restoring system backups
- ✓ Use administrative subsystems
- ✓ Configuring TCP/IP networking
- ✓ Configure and run live updates on a running AIX logical partition

## **Intended audience**

System administrators or anyone implementing and managing an AIX operating system in a multi-user partitioned Power environment.

## **Prerequisites**

Learn how to connect to an AIX system, define a user password, execute basic AIX commands, manage files and directories, use the vi editor, use redirection...

### **PARTICIPANTS**

System administrators or anyone implementing and managing an AIX operating system in a multi-user partitioned Power environment.

### **PREREQUISITES**

Learn how to connect to an AIX system, define a user password, execute basic AIX commands, manage files and directories, use the vi editor, use redirection...

### **TRAINER QUALIFICATIONS**

The experts who lead the training courses are specialists in the subjects covered. They are approved by the publisher and certified for the course. They have also been validated by our teaching teams in terms of both professional knowledge and teaching skills for each course they teach. They have at least three to ten years of experience in their field and hold or have held positions of responsibility in companies.

## Practical details

### Teaching methods

Training in French. Official course material in digital format and in English. Good understanding of written English.

## Course schedule

### 1 Official program

- AIX system management tools.
- Device management.
- Logical volume manager.
- File system management.
- Paging space.
- User administration.
- Planning.
- Backup and restore.
- Start and stop.
- AIX and software installation.
- AIX installation options.
- TCP/IP implementation.

### 2 Official practical work

- Using SMIT.
- Device management.
- Logical volume manager.
- File system management.
- .pagination space.
- User administration.
- Planning.
- Backup and recovery.
- Start and stop.
- AIX and software installation.
- AIX installation options.
- TCP/IP implementation.

### ASSESSMENT TERMS

Assessment of targeted skills prior to training.

Assessment by the participant, at the end of the training course, of the skills acquired during the training course.

Validation by the trainer of the participant's learning outcomes, specifying the tools used: multiple-choice questions, role-playing exercises, etc.

At the end of each training course, ITTCERT provides participants with a course evaluation questionnaire, which is then analysed by our teaching teams. Participants also complete an official evaluation of the publisher.

An attendance sheet for each half-day of attendance is provided at the end of the training course, along with a certificate of completion if the participant has attended the entire session.

### TEACHING AIDS AND TECHNICAL RESOURCES

The teaching resources used are the publisher's official materials and practical exercises.

### TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training course.

### ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you have specific accessibility requirements? Contact Ms FOSSE, disability advisor, at the following address: [psh-accueil@orsys.fr](mailto:psh-accueil@orsys.fr) so that we can assess your request and its feasibility.

## Dates and locations

### REMOTE CLASS

2026 : 30 Mar., 15 June, 28 Sep., 7 Dec.

### PARIS LA DÉFENSE

2026 : 30 Mar., 15 June, 28 Sep., 7 Dec.