

# Implementing AIX Security Features

## Overview

Course code	AU47GB	Delivery type	Classroom (Hands-on labs)
Duration	5.0 days	Course type	Public or Private on-site

Learn about the AIX facilities to implement security and compliance policies. During this course you will discuss: security concerns in an IT environment; the AIX commands to implement base system and network security; the aixpert facility to design, implement, check and distribute a security policy. You will also learn about the new features in AIX 6.1: Role Based Access Control (RBAC), Encrypted File Systems, Trusted Execution, Secure by Default and Trusted AIX.

Roadmaps that reference this course are:

[System p - AIX System Administration \(continued\)](#)

## Audience

This course is intended for persons who:

- Wish to learn what the security mechanisms are in an AIX system.
- Will plan, implement, or distribute a security policy in AIX.

The audience for this training include the following:

- AIX technical support individuals
- System administrators
- System architects

## Pre-requisites

You should have basic AIX administration experience. The AIX prerequisite may be met by attending one of the two following classes or having equivalent AIX skills:

- *AIX System Administration I: Implementation* ([AU14GB](#))
- *AIX 5L Jumpstart for Unix Professionals* ([AW18GB](#))

## Objective

- Describe security threats to a computer system.
- List the AIX commands and components that can meet both the base system and network security threats including how to configure IPSEC and LDAP.
- Configure, distribute and monitor a security policy and check soxx-cobit compliance using AIXPert and LDAP with Active Directory.
- Configure the Role Based Access Control (RBAC) feature in AIX 6.1
- Implement the encrypted file systems feature of AIX 6.1
- Implement the trusted execution feature of AIX 6.1
- Implement the AIX install time options of Secure by Default and Trusted AIX.

## Key topics

- Unit 1 - Security in an IT Environment
- Unit 2 - AIX Base System Security
- Unit 3 - AIX Network Security
- Unit 4 - Implementing IPSEC
- Unit 5 - Implementing LDAP
- Unit 6- Implementing a Security Policy with AIXpert
- Unit 7 - Implementing Role Based Access Control (RBAC)
- Unit 8 - Implementing Encrypted File Systems
- Unit 9 - Implementing Trusted Execution
- Unit 10 - AIX Install Time Security Options

## Remarks

This course replaces *AIX Host security* ([AU411AGB](#)) and *AIX Network security* ([AU421AGB](#)).