

AIX Network Installation Management Concepts and Configuration

Duration: 2 Days Course Code: AN22G

Overview:

The primary goal of this course is to provide the student with a working knowledge of the fundamental capabilities of the Network Installation Management (NIM) facility of the AIX 7.3 operating system.

This course uses a combination of instructor lectures and lab machine exercises to provide the student with practical background knowledge of the topics covered. The lecture portion of this course will cover all the information required to create and maintain a Network Installation Management (NIM) environment.

The course will start with the students examining an existing NIM master. Then, the students will install the filesets required to configure a system to serve as a NIM master and configure NIM resources required to perform NIM operations. They will also have an opportunity to perform several key NIM related tasks. Each lecture is reinforced with extensive hands-on lab exercises which provide practical experience. The idea is to build a NIM environment (NIM master, NIM resources, and NIM clients), then use the NIM master and NIM resources to perform NIM operations on the clients.

Updated 20/9/2026

Target Audience:

This course is appropriate for anyone with system administrative duties installing and managing an AIX operating system in a multiuser POWER (System p) environment.

Objectives:

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| ■ After this course participants should be able to: | ■ Define and use several types of NIM objects |
| ■ Explain key NIM concepts and terminology | ■ Perform an automated install |
| ■ Display NIM-related information | ■ Create and use mksysb resources |
| ■ Set up a NIM master | ■ Maintain lpp_source and SPOT resources |
| ■ Perform a base AIX (RTE) install | ■ Update NIM clients |

Prerequisites:

You should have:

- Basic knowledge regarding AIX systems administration
- Basic knowledge regarding the use of HMC V7 to manage POWER-based managed systems

The following course will provided the needed skills for this course:

- Power Systems for AIX I: LPAR Configuration and Planning (AN11G)
- Power Systems for AIX II: AIX Implementation and Administration (AN12G)

Testing and Certification

None

Follow-on-Courses:

None

Content:

Day 1	Exercise 3: RTE Installation	Unit 6: Managing Key NIM Resources
Unit 1: NIM Overview	Unit 4: Customizing Install Operations	Exercise 6: Managing Key NIM Resources
Exercise 1: NIM Overview	Exercise 4: Customizing Install Operations	Unit 7: Client Updates
Unit 2: Setting Up the NIM Master	Day 2	Exercise 7: Client Updates
Exercise 2: Setting Up the NIM Master	Unit 5: NIM Backups and Restores	
Unit 3: RTE Installation	Exercise 5: NIM Backups and Restores	

Further Information:

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

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