

Module Title : Course AN22MY : AIX Network Installation Manager (NIM) I: Concepts and Configuration
Duration : 2 days

Course Description

The primary goal of this course is to provide you with a working knowledge of the fundamental capabilities of the Network Installation Manager (NIM) facility of the AIX 6 operating system. This course uses a combination of instructor lecture and machine exercises to provide you with practical background knowledge of the topics covered.

Learn the fundamental capabilities of the Network Installation Manager (NIM) facility of the AIX 6 operating system.

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.

Pre-requisites

You should have basic AIX systems administration skills **and** be able to use HMC V7 to manage POWER-based managed systems

These skills may be obtained by attending:

- *Power Systems for AIX I: LPAR Configuration and Planning (AN11)*
- *Power Systems for AIX II: AIX Implementation and Administration(AN12)*

Course Objective

- Explain key NIM concepts and terminology
- Display NIM-related information
- Set up a NIM master
- Perform a base AIX (RTE) install
- Define and use several types of NIM objects
- Perform an automated install
- Create and use mksysb resources

- Maintain lpp_source and SPOT resources
- Update NIM clients

Key topics

Day 1

- Unit 1 - NIM overview
- Exercise 1 - NIM overview
- Unit 2 - Setting up the master
- Exercise 2 - Setting up the NIM master
- Unit 3 - RTE installation
- Exercise 3 - RTE installation
- Unit 4 - Customizing install operations
- Exercise 4 - Customizing install operations

Day 2

- Unit 5 - NIM backups and restores
- Exercise 5 - NIM backups and restores
- Unit 6 - Managing key NIM resources
- Exercise 6 - Managing key NIM resources
- Unit 7 - Client updates
- Exercise 7 - Client updates