



LINUX TRAINING

Aix For Unix Linux Professionals

For Unix/Linux pros: Master AIX system administration to manage IBM Power Systems with advanced skills.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

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- Globally Recognized Certification
 - Expert-Led Hands-On Training
 - Flexible Scheduling

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COURSE OVERVIEW

This concise, intermediate-level course, "AIX For Unix Linux Professionals", is specifically designed for experienced Unix and Linux administrators looking to expand their expertise into IBM's enterprise-grade AIX operating system. In just two hours, you will gain a foundational understanding of AIX's unique architecture, key administrative differences, and essential commands, enabling you to confidently navigate and manage AIX environments alongside your existing Linux and Unix skill set. The curriculum focuses on highlighting the distinctions and parallels, making the transition intuitive for seasoned professionals.

By mastering AIX, you unlock the ability to manage critical systems often found in large enterprises, particularly those leveraging IBM Power Systems. This course will equip you with the practical knowledge to understand AIX's file system, user management, software installation procedures, and its distinctive Logical Volume Manager (LVM) compared to its Linux counterparts. The professional benefit is immense, broadening your versatility as a system administrator, enhancing your marketability, and preparing you for roles in hybrid IT infrastructures that demand proficiency across multiple Unix-like platforms.

Duration	2 hours
Level	Intermediate
Vendor	Linux

COURSE CURRICULUM

01 Module 1: Bridging from Unix/Linux to AIX Fundamentals

- Introduction to AIX architecture and its position in enterprise IT
- Key command-line differences and similarities for core utilities (e.g., ls, ps, df, du)
- Navigating the AIX environment and file system structure
- Introduction to the System Management Interface Tool (SMIT)

02 Module 2: Core AIX System Administration Concepts

- AIX user and group management (``mkuser``, ``chuser``, ``lsuser``)
- Software installation and update procedures (``installp``, ``lspp``)
- Understanding the Object Data Manager (ODM) and its role in AIX configuration
- System startup and shutdown processes in AIX

03 Module 3: AIX Storage, Network, and Basic Troubleshooting Essentials

- Introduction to AIX Logical Volume Manager (LVM) and its differences from Linux LVM
- Basic JFS2 file system creation and management
- Configuring network interfaces using SMIT (``smitty tcpip``)
- Overview of ``errpt`` for system error logging and basic diagnostic checks

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

> **AIX System Administrator (Junior to Mid-Level)**

- > Hybrid Cloud Infrastructure Engineer (Specializing in IBM Power Systems)
- > Senior Unix/Linux Operations Specialist (with AIX Exposure)

FREQUENTLY ASKED QUESTIONS

Q: As an experienced Linux administrator, how will this course specifically enhance my ability to manage enterprise-level infrastructure, particularly in environments leveraging IBM Power Systems?

This course is designed to bridge your existing Linux expertise with the unique operational and architectural nuances of AIX. You'll gain practical insights into AIX-specific tools like SMIT and `installp`, understand the distinct AIX LVM, and learn how to interpret `errpt` logs. This knowledge directly enables you to effectively administer and troubleshoot critical applications running on IBM Power Systems, thereby expanding your capability to manage diverse, high-availability enterprise infrastructures and specialize in mission-critical environments.

Q: What foundational Unix/Linux knowledge is essential to get the most out of this accelerated AIX course?

To maximize your learning in this intensive 2-hour session, a solid understanding of core Unix/Linux command-line utilities, file system hierarchy, user/group management, process control, and basic networking concepts (IP addressing, routing) is crucial. Familiarity with shell scripting (Bash, Ksh) and the general principles of system administration will also be highly beneficial, as the course focuses on AIX differentiators and unique concepts rather than foundational operating system principles.

Q: Beyond command-line differences, what unique AIX administrative concepts will I learn that are not typically present in standard Linux distributions?

This course will introduce you to several AIX-specific administrative concepts critical for effective management. You will learn about the Object Data Manager (ODM), which centrally manages system configuration data; the SMIT interface for streamlined, menu-driven administration; and the nuances of AIX's Logical Volume Manager (LVM), which, while similar in name, has distinct functionalities and terminology compared to Linux LVM. You'll also gain an initial understanding of `errpt` for robust error logging and reporting, a key diagnostic tool in AIX for identifying and resolving system issues.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

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Take the next step in your technology career.

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