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Linux on Power for AIX Administrators
Information

Length:	24.0 Hours
__Ref:	ANL01G □
Delivery method:	ClassroomInstructor Led Online
Price:	EUR

Overview

This course helps students with AIX basic or advanced background quickly start working in the Linux environment. AIX system concepts and working experiences are applied for transitioning to Linux environments. Hands-on lab exercises let students practice Linux commands and apply what they know from working with AIX.

Public

This course is for personnel who are:

- AIX Administrators transitioning to Linux
- Power System architects working across AIX and Linux
- IT professionals with AIX backgrounds to learn about Linux
- AIX users transitioning to Linux

Prerequisites

- Previous AIX backgrounds and experiences are assumed but not required
- Power Systems working experiences in HMC, VIOS, and OS installation are assumed but not required
- General skills in commands execution and working with user interfaces are required

Objective

After completing this course, you should be able to:

1. Summarize the overviews of Linux versus AIX in Power Systems
2. Recognize the Linux operating system installation process
3. Identify RHEL system management tools based on AIX backgrounds
4. Summarize system configurations and devices on RHEL
5. Identify the tasks in configuring logical partitions

6. Carry out software installation and maintenance in RHEL
7. Recognize RHEL TCP/IP implementation as compared to AIX
8. Carry out system startup and shutdown in RHEL
9. Identify Logical Volume Manager in Linux as compared to AIX
10. Carry out basic file system administration
11. Identify the tasks in backup and restore RHEL
12. Summarize error monitoring and system dump processes

Topics

Welcome

Unit 1: Introduction to Linux and IBM Power Systems

Exercise 1: Getting started with Linux on Power Systems

Unit 2: Linux operating system installation

Exercise 2: Verifying system initializations

Unit 3: Linux system management tools

Exercise 3: Using system management tools in RHEL

Unit 4: System configuration and devices

Exercise 4: Configuring system and devices

Unit 5: Basics of configuring logical partitions

Exercise 5: Configuring logical partitions

Unit 6: Linux software installation and maintenance

Exercise 6: Installing software packages and updates

Unit 7: TCP/IP networking

Exercise 7: Configuring TCP/IP network in RHEL Unit 8: System startup and shutdown

Exercise 8: Practicing system startup and shutdown

Unit 9: Linux Logical Volume Manager

Exercise 9: Working with LVM

Unit 10: File systems administration

Exercise 10: Managing Linux file systems

Unit 11: System backup and restore

Exercise 11: Administering backup and restore

Unit 12: Error monitoring and system dump facility

Exercise 12: Working with errors and system dumps