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AIX Workload Partitions: Configuration and Management Information

Length:	4.0 Days
Ref:	AN17G-X
Delivery method:	ClassroomInstructor Led Online
Price:	EUR

Overview

If you are enrolling in a Self Paced Virtual Classroom or Web Based Training course, before you enroll, please review the **Self-Paced Virtual Classes and Web-Based Training Classes** on our Terms and Conditions page, as well as the system requirements, to ensure that your system meets the minimum requirements for this course.

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Students in this course will learn how to configure and manage workload partitions (WPARs) in the AIX environment. Hands-on exercises will reinforce the lecture and give students practice creating and managing both application and system WPARs using the command-line interface. Students will explore various configuration options such as implementing private and shared file systems, exporting devices, setting resource controls, and configuring network options. Students will practice operations such as starting and stopping WPARs, performing dynamic configuration changes, and tracking data in log files. The course also covers the installation, configuration and management of versioned WPARs using the AIX 5.2 Workload Partitions for AIX 7 licensed program product.

Public

The audiences for this training include System p and AIX technical support individuals, AIX system administrators, system architects and engineers.

Prerequisites

You must already be familiar with AIX system administration. This prerequisite can be met by attending the following course:

- *Power Systems for AIX II: AIX Implementation and Administration (AN12G)*

Objective

- Describe the reasons for using workload partitions (WPARs)

- Create application WPARs
- Create system WPARs, including detached and rootvg WPARs
- Configure WPAR network options
- Configure WPAR file system options
- Configure WPAR resource controls
- Manage WPAR storage device access
- Install, configure and manage an AIX5.2 versioned WPAR

Topics

Day 1

- Welcome
- Unit 1 - WPAR introduction
- Exercise 1 - Introduction to the lab environment
- Unit 2 - Creating WPARs
- Exercise 2 - Creating WPARs
- Unit 3 - File systems

Day 2

- Unit 3 - File systems (continued)
- Exercise 3 - File systems
- Unit 4 - Exporting devices and using rootvg WPARs
- Exercise 4 - Exporting devices and using rootvg WPARs
- Unit 5 - Networking

Day 3

- Exercise 5 - Networking
- Unit 6 - Resource control
- Exercise 6 - Resource control
- Unit 7 - WPAR system management
- Exercise 7 - WPAR system management
- Unit 8 - Versioned WPARs introduction - Topic 1
- Exercise 8 - Setting up a versioned WPAR
- Unit 8 - Versioned WPARs introduction - Topic 2

Day 4

- Unit 9 - Creating and managing VWPAs
- Exercise 9 - Managing VWPAs
- Unit 10 - VWPAs file systems and device configuration

- Exercise 10 - VWPARG file systems and device configuration options - Part 1
- Unit 10 - VWPARG file systems and device configuration (continued)
- Exercise 10 - VWPARG file systems and device configuration options - Part 2
- Wrapup and evaluations