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Power Systems Running Linux: Ubuntu Storage Management (PowerVM base)
Information

Length:	2.0 Days
___Ref:	LX042G-X
Delivery method:	ClassroomInstructor Led Online
Price:	AUD

Overview

This course is designed to teach the management of attached storage to Ubuntu Linux server on POWER8 systems.

Class activities include interpreting storage configuration data, modifying device attributes, and troubleshooting Ubuntu storage issues in an IBM Power environment.

This course provides lectures and hands on lab exercises in an instructor lead course environment, either in a face-to-face classroom or in a live virtual classroom environment (ILO - Instructor Led Online).

Public

The audiences for this training include Power systems support personnel, Ubuntu technical support individuals, Ubuntu developers, Ubuntu system administrators, system architects and engineers that may deal with Ubuntu running on an IBM Power system. This course provides students with an opportunity to work with Power Systems storage devices.

Prerequisites

Students attending this course should have a basic background in Ubuntu systems administration and / or troubleshooting. These are skills taught in the course Power Systems Running Linux: Ubuntu Server Administration (PowerVM Base) (LX041G)

Objective

On completion of this course, the student should be able to:

- Describe storage options for Ubuntu v16.04 running in a Power environment
- Interpret storage configuration data
- Implement storage devices with PowerVM
- VIOS
- Fibre Channel

- iSCSI
- Differentiate native Linux and hardware RAID solutions
- Validate configuration options
- Design solutions for attaching storage resources to a Ubuntu host

Topics

DAY 1

Unit 1 – Power Systems storage options

Exercise 1 – Navigating lab environment

Unit 2 – Device naming and file system management

Exercise 2 – Managing devices

DAY 2

Unit 3 – SAN attached devices and Multipath IO

Exercise 3 – Multipath IO

Unit 4 – Logical Volume Management

Exercise 4 – LVM Operations

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