



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

<b>Length:</b>	2.0 Days
<b>Ref:</b>	LX032G-X
<b>Delivery method:</b>	ClassroomInstructor Led Online
<b>Price:</b>	AUD

Overview

This course is designed to expand on Red Hat administration skills with IBM Power Systems, in the area of storage devices. IBM Power Systems provide a large variety of storage options, and combining these options with Red Hat storage management techniques is a critical skill required by today’s system administrator.

Public

The audiences for this training include Power systems support personnel, Linux technical support individuals, Linux developers, Linux system administrators, system architects and engineers, that may deal with Linux running on an IBM Power system. This course provides students with an opportunity to work with Power Systems storage devices, expanding on those skill sets needed to manage Red Hat.

Prerequisites

Students attending this course should have a basic background in systems administration and/or troubleshooting. Suggested course path includes:

- LX024G: Essentials of PowerVM
- LX031G: Power Systems Running Linux - Red Hat Administration (PowerVM Base)

Objective

- Describe storage options for Redhat v7.2 running in a Power Systems 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 Redhat host

## Topics

### ***DAY 1***

Unit 1: Welcome, Introduction to Power storage (PowerVM, VIOS)

Exercise 1: Navigating the lab environment

Unit 2: Device naming and FileSystem 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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