



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

<b>Length:</b>	2.0 Days
<b>Ref:</b>	LX052G-X
<b>Delivery method:</b>	ClassroomInstructor Led Online
<b>Price:</b>	AUD

Overview

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

Class activities include interpreting storage configuration data, modifying device attributes, and troubleshooting SUSE storage issues in an IBM POWER8 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, 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 SLES v 12..

Prerequisites

Students attending this course should have a basic background in SUSE systems administration and/or troubleshooting. These are skills taught in the course

- Essentials of PowerVM (LX024G)
- Power Systems Running Linux: SUSE Administration (PowerVM Base) (LX051G)

Objective

- Describe storage options for SUSE Linux v12.2 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 SUSE host

## Topics

### DAY 1

#### Welcome

#### 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