

Linux System Administration with IBM Power Systems

Code: QZD32DG-SPVC

URL: [View Online](#)

This IBM Self-Paced Virtual Class (SPVC) includes:

- PDF course guide available to attendee during and after course
- Lab environment where students can work through demonstrations and exercises at their own pace

This course addresses Linux system administration tasks necessary to manage Red Hat Enterprise Linux specifically on an IBM Power Systems server. The course covers the basics of the Power Systems architecture, virtualization of Power Systems servers, installation and management of Linux on Power Systems, and closes with an introduction to enabling the environment for inclusion in an on-premise private cloud using IBM PowerVC.

Skills Gained

- Summarize the architecture of IBM Power Systems
- Describe how virtualization works in IBM Power Systems
- Install and manage Linux on IBM Power Systems
- Demonstrate an understanding of cloud computing from a technology standpoint
- Learn fundamentals of moving to a cloud based environment

Who Can Benefit

Power Systems Administrators

Red Hat Enterprise Linux Administrators

Cloud Administrators

Prerequisites

None

Course Details

Course Outline

1. Introduction to IBM Power Systems
2. An introduction to virtualization with IBM Power Systems
3. Setting up Linux distributions on IBM Power Systems
- 4.
5. System management strategies
6. Networking
7. Software installation
8. Virtual media library
- 9.
10. Introduction to systemd
11. System initialization
12. Systemd management operations
13. Log management

IBM service and productivity tools for Linux

Transitioning to Cloud Computing

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