

IBM Systems Director VMControl 2.4 for Cloud Computing Infrastructure

AN96G



Delivery Type: Classroom

Duration: 2 days

Overview

You will learn how to implement and use IBM Systems Director VMControl 2.4 on Power Systems. The course shows how IBM Systems Director helps in a cloud architecture and focuses on the management of virtual servers and virtual appliances in a virtualized environment. Using VMControl 2.4, you will see how to automate the management of a virtualized infrastructure on Power. You will also learn how to improve workload resiliency and how to reduce deployment time for new virtual servers. VMControl is a plug-in for IBM Systems Director. This course does not cover IBM Systems Director implementation.

Hands-on lab exercises reinforce each lecture and give the students practical experience.

Pre-Requisites

The IBM Systems Director prerequisite can be met by attending the following class:

- ✓ IBM Systems Director 6.3 - Power Systems I:

Installation and Systems Management (AN94GB)

Objectives

Describe the basic concepts associated with cloud computing

- ✓ Describe the differences between a private cloud and a public cloud
- ✓ Discuss how IBM Systems Director VMControl facilitates the cloud computing on Power Systems
- ✓ Describe and explain the VMControl terminology, such as virtual server, virtual appliance, image repository, OVF image, and system pools
- ✓ Describe the capabilities of IBM Systems Director VMControl 2.4 plug-in, such as:
 - ✓ Create and manage virtual servers, virtual appliances, and workloads
 - ✓ Create and discover image repositories
 - ✓ Create and manage system pools

Install IBM Systems Director VMControl 2.4 plug-in on an IBM Systems Director management server 6.2

Navigate IBM Systems Director VMControl 2.3 dashboard user interface

Perform tasks utilizing IBM Systems Director VMControl on selected managed end-points

Target Audience

This intermediate course is for anyone responsible for implementing and managing a virtualized infrastructure on Power Systems.

The audience for this training includes the following:

- ✓ AIX technical support individuals
- ✓ System administrators
- ✓ System engineers
- ✓ System architects