
VMWare What's New - Next Generation VI Platform

Duration: 2 Days **Course Code: VMWN**

Overview:

This hands-on training course explores new features in future versions of VMware® vCenter Server and ESX™/ESXi, as well as how to upgrade.

Target Audience:

System architects, system administrators, IT managers, and individuals responsible for implementing and managing VMware Infrastructure architectures.

Objectives:

- At the end of the course, you should possess knowledge and skills for the following:
 - Upgrading VMware deployments
 - Deploying distributed virtual switches to simplify datacenter-wide network management
 - Using VMDirectPath to assign a PCI adapter directly to a virtual machine
 - Migrating virtual machines' storage while they are live with Storage vMotion
 - Growing virtual disks and VMFS volumes while they are live
 - Employing VMware's new Pluggable Storage Architecture
 - Ensuring application availability with VMware Fault Tolerance
 - Manage more than one vCenter Server from the same client
 - Use the new host profiles feature to keep hosts uniformly configured
 - Save energy with VMware Distributed Power Management
 - Save disk space with thin provisioning
 - Administer virtual appliances consisting of more than one virtual machine
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Prerequisites:

Recommended

Completion of VMware Infrastructure 3: Install and Configure, or equivalent experience with VMware ESX and vCenter Server.

Testing and Certification

Recommended as preparation for those who hold the VCP on VI3 certification for:

- VMware Certified Professional on Next Generation VMware Infrastructure (4.0)
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Content:

Module 1: Introducing the Next Generation of VI

Highlights Next Generation enhancements by component and reviews upgrade tools and strategies.

Module 2: Infrastructure Administration

Presents new features that support better infrastructure monitoring and reduce the time it takes to provision ESX/ESXi hosts and virtual machines.

Module 3: Networking

Discusses networking enhancements that simplify configuration, extend support, and improve performance.

Module 4: Storage

Introduces new storage features that reduce storage costs, streamline management, and optimize performance.

Module 5: Resource Management

Reviews vMotion™ compatibility enhancements, new VMware Distributed Resource Scheduler monitoring and management tools, and extended VMware DPM support.

Module 6: Business Continuity

Presents VMware High Availability enhancements and introduces VMware Fault Tolerance and vStorage APIs for data recovery.

Further Information:

For More information, or to book your course, please call us on 353-1-814 8200

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