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## VMware vSphere: What's New

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

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### 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.

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### Target Audience:

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

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### 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.

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## Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 01924 377489

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