

## **Course 548:**

# **Upgrading Windows Server 2008 Active Directory (2 days)**

### **Course Description...**

Windows Server 2008 introduces many new capabilities and management technologies for Active Directory. In this hands-on course, skills for managing Active Directory will be upgraded to Support Windows Server 2008 and Windows Server 2008 R2. Students will focus on the practical deployment and management principals of Windows Active Directory in Windows Server 2008, with an emphasis on the changes and new features 2008 introduces. The focus will be on the practical Design, Deployment and Management principals of the Active Directory for all size organizations.

### **Who should attend...**

This course will benefit Active Domain & Enterprise Administrators, Security Administrators, Infrastructure Designers, Managers, and Senior Desktop Administrators who have experience with Windows 2003/2000 Active Directory and need to understand Windows 2008 Active Directory.

### **Suggested Prerequisites...**

- Experience with Windows & TCPIP
- Windows 2003/2000 Active Directory Experience
- System Administrator Experience

### **Course Outline...**

#### **Windows Server 2008 and Windows Server 2008 R2**

- What's new Windows Server 2008
- Migration and Upgrade Paths
- Managing Server Roles
- Server Management with Graphical Tools, Command Line and PowerShell

#### **Active Directory Domain Services (AD-DS) Change Overview**

- Active Directory Evolution
- Overview of Windows 2008 Active Directory Migration from 2003/2000 Active Directory
- Installing the Active Directory Domain Services
- Removal of 2003/2000 Domain Controllers
- Active Directory Management Tool enhancements
- Read-only Domain Controllers (RODC)



- Filtering the RODC attribute set
- Stopping and Re-Starting Active Directory Domain Services without rebooting
- Mounting the Active Directory Database Offline
- Low-level Active Directory Management Tools
- Active Directory Monitoring, Backup and Restoration

## **Active Directory Group Policy Enhancements**

- Group Policy Management Console (GPMC)
- Active Directory Policies Enhancements
- Fine-grained password policies
- Group Policy Preference - Windows Settings and Control Panel
- Starter GPOs

## **Networking and the Active Directory**

- Server Discover on the network
- Active Directory and DNS Integration/usage
- Impact of IPv6 and Active Directory
- Public Key Infrastructure/Certificate Services enhancements

## **Overview of new roles for Active Directory**

- AD Lightweight Directory Services (AD-LDS)
- AD Federated Services (AD-FS)
- AD Rights Management Services (AD-RMS)
- Removing Exchange 2003 Servers

**Additional/Custom Topics are available - please contact your  
ROI representative to discuss course tailoring!!!**