



## **Course 541: Windows Server 2003 Active Directory Management (4 days)**

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

In this hands-on course, you'll learn the essentials of Active Directory Management in Windows Server 2003. The focus will be on the practical Design, Deployment and Management principals of the Active Directory for all size organizations. This course will benefit Senior Desktop Administrators, Domain & Enterprise Administrators, Security Administrators and Managers who need to understand the Active Directory.

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

- Experience with Windows & TCPIP
- System Administrator Experience

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

#### **Chapter 1: Active Directory Fundamentals**

Active Directory Essentials

*Workshop: Promote a stand-alone server into a domain controller*

Built-In Active Directory Management Tools

User & Group Management

*Workshop: Creating and Managing Users & Groups*

Domain Functional Levels

Active Directory Sites

*Workshop: Manage Domain functional Levels and define Active Directory Sites*

#### **Chapter 2: Active Directory and Network Services**

Windows Server 2003 Domain Naming System (DNS)

Active Directory Integration with DNS

*Workshop: Install and Configure an Active Directory Integrated DNS Server*

Domain Authentication with NTLM and Kerberos

Global Catalogs

*Workshop: Examine Client Authentication*

#### **Chapter 3: Active Directory Security**

Understanding Built-In Active Directory Groups

Delegating Administrative Authority

*Workshop: Delegating Active Directory Management*

Securing and Auditing Active Directory Objects

*Workshop: Monitoring Active Directory Changes*



## **Chapter 4: Group Policies Management**

Building and Managing Group Policies

*Workshop: Configuring User and Computer Group Policies*

Fine tuning Group Policies with filtering, loopback and inheritance

Using Resultant Set of Policies (RSOP) and Group Policy Modeling

*Workshop: Utilizing Group Policy Tools*

Deploying and Managing Applications with Group Policies

*Workshop: Deploy Office 2003 with Group Policy*

## **Chapter 5: Controlling Active Directory Replication**

Understanding the Active Directory Replication Model

Locating Flexible Single Master Operations (FSMO) Role holders

*Workshop: Build additional domain controllers and transferring FSMO roles*

Creating and configure Site to Site Replication

*Workshop: Creating additional Sites and scheduling replication*

## **Chapter 6: Designing an Enterprise Active Directory**

Managing Multiple Domains

Interconnecting Forests

*Workshop: Build an additional Domain and create cross-forest trusts*

Deploying Active Directory Enabled Applications

*Workshop: Deploy an AD-Enabled Application*

## **Chapter 7: Troubleshooting Active Directory**

Performing Backup and Restoration of an Active Directory

Authoritative vs Non-Authoritative Restoration

*Workshop: Performing an Authoritative Restoration of the Active Directory*

Active Directory Troubleshooting Tools

*Classroom Scenarios: Troubleshooting Active Directory Issues*

***Please contact your ROI representative to discuss course tailoring!!!***