

# **Course 6425: Configuring and Troubleshooting Windows Server 2008 Active Directory Domain Services**

**26/01 ó 04/05/2010**

**Demstar Education,**

## **Course Aim:**

There is a need to provide and teach Active Directory Technology Specialists with the knowledge and skills to configure Active Directory Domain Services in a distributed environment, implement Group Policies, perform backup and restore, and monitor and troubleshoot Active Directory related issues.

## **Course Objectives:**

Students after completing this course will be able to:

- Monitor and troubleshoot 2008 Active Directory related issues;
- Effectively implement group policies perform backup and restore;
- Configure and control 2008 Active Directory Domain Services.

## **Target Trainee Profile:**

The primary audience for this course are IT & AD Technology Specialists, Server Administrators, and Enterprise Administrators who want to learn how to implement AD in a distributed environment, secure domains using Group Policies, and perform backup, restore, and monitor and troubleshoot AD configuration to ensure trouble free operation.

## **Trainers Profile**

Vasilis Constantinou

## **Course Outline:**

### **Session 1: 26/01/2010**

**17:30 ó 20:45**

#### **Module 1: Installing Active Directory Domain Services**

This module explains how to install and configure Active Directory Domain Services and install and configure a read-only domain controller.

### **Session 2: 28/01/2010**

**05:30 ó 08:45**

- Installing Active Directory Domain Services

- Deploying Read-Only Domain Controllers
- Configuring AD DS Domain Controller Roles

**Session 3:02/02/2010**

**17:30 ó 20:45**

- Exercise 1: Evaluating Forest and Server Readiness for Installing an RODC
- Exercise 2: Installing and Configuring an RODC

**Session 4: 04/02/2010**

**17:30 ó 20:45**

Exercise 3: Configuring AD DS Domain Controller Roles

**Session 5: 09/02/2010**

**17:30 ó 20:45**

- Configuring DNS for AD DS
- This module explains how to configure Domain Name Services (DNS) for Active Directory Domain Services.

**Session 6:11/02/2010**

**17:30 ó 20:45**

Overview of Active Directory Domain Services and DNS Integration

- Configuring Active Directory Integrated Zones
- Configuring Read Only DNS

**Session 7: 16/02/2010**

**17:30 ó 20:45**

**Configuring AD DS and DNS Integration**

- Exercise 1: Configuring Active Directory Integrated Zones

**Session 8: 18/02/2010**

**17:30 ó 20:45**

## **Configuring AD DS and DNS Integration**

- Exercise 2: Configuring Read-Only DNS Zones

**Session 9:23/02/2010**

**17:30 ó 20:45**

## **Configuring Active Directory Objects and Trusts**

- This module explains how to configure Active Directory Objects and Trusts.

**Session 10: 25/02/2010**

**17:30 ó 20:45**

- Theory Part on AD DS and DNS Integration
- Configuring Active Directory Objects; Automating AD DS Object Management; Delegating Administrative Access to AD DS Objects; Configuring AD DS Trusts

**Session 11: 02/03/2010**

**17:30 ó 20:45**

## **Lab: Configuring Active Directory Objects and Trusts**

- Exercise 1: Configuring AD DS Objects
- Exercise 2: Automating the Management of AD DS Objects

**Session 12: 04/03/2010**

**17:30 ó 20:45**

## **Lab: Configuring Active Directory Objects and Trusts**

- Exercise 3: Delegating Control of AD DS Objects
- Exercise 4: Configuring AD DS Trusts

**Session 13: 09/03/2010**

**17:30 ó 20:45**

## **Configuring Active Directory Sites and Replication**

- This module explains how to configure Active Directory Objects and Trusts

**Session 14:11/03/2010**                      **17:30 ó 20:45**

- Overview of AD DS Replication
- Configuring Active Directory Domain Services Sites
- Configuring and Monitoring AD DS
- Replication

**Session 15:16/03/2010**                      **17:30 ó 20:45**

- Exercise 1: Configuring AD DS Sites and Subnets
- Exercise 2: Configuring AD DS Replication
- Exercise 3: Monitoring AD DS Replication

**Session 16: 18/03/2010**                      **17:30 ó 20:45**

**Creating and Configuring Group Policies**

- This module explains how to create and configure group policies

**Session 17: 23/03/2010**                      **17:30 ó 20:45**

**Overview of Group Policies**

- Configuring the Scope of Group Policy Objects
- Evaluating the Application of Group Policy Objects
- Managing Group Policy Objects
- Delegating Administrative Control of Group Policies

**Session 18: 30/03/2010**                      **17:30 ó 20:45**

**Lab: Creating and Configuring GPOs**

- Exercise 1: Creating Group Policy Objects
- Exercise 2: Managing the Scope of GPO Application
- Exercise 3: Verifying GPO Application
- Exercise 4: Managing GPOs
- Exercise 5: Delegating Administrative Control of GPOs

**Session 19: 08/04/2010**                      **17:30 ó 20:45**

**Configuring User Environments Using Group Policies**

This module explains how to configure user environments using Group Policies.

- Configuring Group Policy Settings
- Configuring Scripts and Folder Redirection Using Group Policies
- Configuring Administrative Templates
- Deploying Software Using Group Policy

**Session 20: 13/04/2010**

**17:30 ó 20:45**

**Lab Configuring User Environments Using Group Policies**

- Exercise 1: Configuring Scripts and Folder Redirection
- Exercise 2: Configuring Administrative Templates
- Exercise 3: Distributing Software Using Group Policies
- Exercise 4: Verifying GPO Application

**Session 21: 15/04/2010**

**17:30 ó 20:45**

**Implementing Security Using Group Policies**

- This module explains how to implement security using Group Policies.

**Session 22: 20/04/2010**

**17:30 ó 20:45**

**Lab: Implementing Security by Using Group Policies**

- Exercise 1: Configuring Domain Security Settings
- Exercise 2: Implementing Fine-Grained Password Policies
- Exercise 3: Configuring Restricted Groups and Software Restriction Policies
- Exercise 4: Configuring Security Templates
- Exercise 5: Verifying the Security Configuration

**Session 23:22/04/2010**

**17:30 ó 20:45**

**Implementing an Active Directory Domain Services Monitoring Plan**

This module explains how to implement Active Directory Domain Services monitoring plan.

- Monitoring Active Directory Domain Services Using Event Viewer

- Monitoring Active Directory Domain Servers by Using Reliability and Performance Monitor
- Configuring Active Directory Domain Services Auditing

**Session 24:27/04/2010**

**17:30 ó 20:45**

**Lab: Monitoring Active Directory Domain Services**

- Exercise 1: Monitor AD DS by Using Event Viewer
- Exercise 2: Monitor AD DS by Using Performance and Reliability Monitor
- Exercise 3: Configure AD DS Auditing

**Session 25:29/04/2010**

**17:30 ó 20:45**

**Implementing an Active Directory Domain Services Maintenance Plan**

This module explains how to implement an Active Directory Domain Services maintenance plan.

- Maintaining the AD DS Domain Controllers
- Backing Up Active Directory Domain Services
- Restoring Active Directory Domain Services

**Lab: Implementing an Active Directory Domain Services Maintenance Plan**

- Exercise 1: Maintaining AD DS Domain Controllers
- Exercise 2: Backing Up AD DS
- Exercise 3: Performing a Non-Authoritative Restore of the AD DS Database
- Exercise 4: Performing an Authoritative Restore of the AD DS Database
- Exercise 5: Restoring Data By Using the AD DS Snapshot Viewer

**Session 26:04/05/2010**

**17:30 ó 20:45**

**Troubleshooting**

- This module explains how to troubleshoot Active Directory Domain Services, Domain Name Service, and Active Directory replication.
- Troubleshooting Active Directory Domain Services
- Troubleshooting DNS Integration with AD DS
- Troubleshooting AD DS Replication

## **Lab: Troubleshooting Active Directory, DNS, and Replication Issues**

- Exercise 1: Troubleshooting Authentication and Authorization Errors
- Exercise 2: Troubleshooting the Integration of DNS and AD DS
- Exercise 3: Troubleshooting AD DS Replication

### **Meeting Information:**

Venue: Demstar Education, Nicosia

### **Participation Fee**

Initial Cost: € 1395.00

Please contact us to inform you for the amount of the subsidy that it will be deducted from your fees

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Ανθρώπινου  
Δυναμικού  
Κύπρου

