



*Training Course:*  
***ACTIVE DIRECTORY SERVICES WITH  
WINDOWS SERVER***

*14 - 25 March 2027  
Cairo (Egypt)*

## Training Course: ACTIVE DIRECTORY SERVICES WITH WINDOWS SERVER

Training Course code: IT234887 From: 14 - 25 March 2027 Venue: Cairo (Egypt) - Training Course Fees: 6300 € Euro

### Introduction

Get Hands-on instruction and practice administering Active Directory technologies in Windows Server 2012 and Windows Server 2012 R2 in this 10-day Microsoft Official Course. You will learn the skills you need to better manage and protect data access and information, simplify deployment and management of your identity infrastructure, and provide more secure access to data.

You will learn how to configure some of the key features in Active Directory such as Active Directory Domain Services AD DS, Group Policy, Dynamic Access Control DAC, Work Folders, Work Place Join, Certificate Services, Rights Management Services RMS, Federation Services, as well as integrating your on-premise environment with cloud-based technologies such as Windows Azure Active Directory. As part of the learning experience, you will perform hands-on exercises in a virtual lab environment.

### Target Audince

- AD DS Administrators who are looking to further develop skills in the latest Access and Information Protection technologies with Windows Server 2012 and Windows Server 2012 R2.
- System or Infrastructure administrators with general AD DS experience and knowledge who are looking to build upon that core knowledge and cross-train into advanced Active Directory technologies in Windows Server 2012 and Windows Server 2012 R2.
- IT Professionals who have taken the 10967A: Fundamentals of a Windows Server Infrastructure course and are looking to build upon that Active directory knowledge.

### Objectives

- Understand available solutions for identity management and be able to address scenarios with appropriate solutions.
- Deploy and administer AD DS in Windows Server 2012.
- Secure AD DS deployment.
- Implement AD DS sites, configure and manage replication
- Implement and manage Group Policy
- Manage user settings with Group Policy
- Implement certification authority CA hierarchy with AD CS and how to manage CAs.
- Implement, deploy and manage certificates.
- Implement and manage AD RMS.
- Implement and administer AD FS.
- Secure and provision data access using technologies such as Dynamic Access Control, Work Folders and , Workplace Join
- Monitor, troubleshoot, and, establish business continuity for AD DS services.
- Implement Windows Azure Active Directory.
- Implement and administer Active Directory Lightweight Directory Services AD LDS.

### Outlines

## Day 1: Access & Information Protection Overview

Overview of Access and Information Protection Solutions in Business  
AIP Solutions in Windows Server 2012  
Overview of FIM 2010 R2  
Solution Analysis and Business Requirements  
Choosing Appropriate Access & Protection Solution

## Day 2: AD DS Deployment & Administration

Deploying AD DS  
Cloning Virtual Domain Controllers  
Deploying Domain Controllers in Azure  
Administering AD DS  
AD DS Deployment Labs

## Day 3: AD DS Security

Securing Domain Controllers  
Account Security Implementation  
Audit Authentication  
Security Policies for Accounts and Passwords  
RODC Deployment and Configuration

## Day 4: AD DS Sites & Replication

AD DS Replication Overview  
Configuring AD DS Sites  
Configuring and Monitoring Replication  
Subnets and Site Creation  
Additional Domain Controller Deployment  
Replication Troubleshooting

## Day 5: Group Policy Fundamentals

Introduction to Group Policy  
GPO Creation and Administration  
Group Policy Scope and Processing  
GPO Troubleshooting  
Managing GPO Infrastructure

## Day 6: Advanced Group Policy Management

Administrative Templates  
Folder Redirection  
Scripts Configuration  
Group Policy Preferences  
User Desktop Management

## Day 7: AD CS Certificate Services

# *D e p l o y i n g   C e r t i f i c a t i o n   A u t h o r i t i e*

CA Administration  
Monitoring and Troubleshooting CA  
Two-Tier CA Hierarchy Deployment  
Offline Root CA  
Enterprise Subordinate CA

## Day 8: Certificates & Smart Cards

Certificate Usage in Business  
Certificate Templates Management  
Enrollment, Revocation & Recovery  
Smart Cards Implementation  
Key Recovery Configuration  
Certificate Deployment Lab

## Day 9: AD RMS & AD FS

AD RMS Overview and Deployment  
Content Protection Configuration  
External Access to AD RMS  
AD FS Overview  
AD FS Deployment Single Org & Federation  
Web Application Proxy

## Day 10: Secure Access, Monitoring & Azure AD

Dynamic Access Control DAC  
Work Folders & Workplace Join  
Secure File Access Implementation  
AD DS Monitoring & Backup  
Object Recovery  
Windows Azure Active Directory Implementation  
AD LDS Overview & Integration

## Registration form on the Training Course: ACTIVE DIRECTORY SERVICES WITH WINDOWS SERVER

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

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### Company Information

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### Person Responsible for Training and Development

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