



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

*15 - 26 February 2027
London (UK)*

Training Course: ACTIVE DIRECTORY SERVICES WITH WINDOWS SERVER

Training Course code: IT234887 From: 15 - 26 February 2027 Venue: London (UK) - Training Course Fees: 10300 £ 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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