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**Active Directory Services
with Windows Server**

5 DAYS

Get Hands on instruction and practice administering Active Directory technologies in Windows Server 2012 and Windows Server 2012 R2 in this 5-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.

Module 1: Overview of Access and Information Protection

Introduction to Access and Information Protection Solutions in Business

Overview of AIP Solutions in Windows Server 2012

Overview of FIM 2010 R2

Module 2: Advanced Deployment and Administration of AD DS

Deploying AD DS

Deploying and Cloning Virtual Domain Controllers

Deploying Domain Controllers in Windows Azure

Administering AD DS

Module 3: Securing AD DS

Securing Domain Controllers

Implementing Account Security

Implementing Audit Authentication

Module 4: Implementing and Administering AD DS Sites and Replication

Overview of AD DS Replication

Configuring AD DS Sites

Configuring and Monitoring AD DS Replication

Module 5: Implementing Group Policy

Introducing Group Policy

Implementing and Administering GPOs

Group Policy Scope and Group Policy Processing

Troubleshooting the Application of GPOs

Module 6: Managing User Settings with Group Policy

Implementing Administrative Templates
Configuring Folder Redirection and Scripts
Configuring Group Policy Preferences

Module 7: Deploying and Managing AD CS

Deploying CAs
Administering CAs
Troubleshooting, Maintaining, and Monitoring CAs

Module 8: Deploying and Managing Certificates

Using Certificates in a Business Environment
Deploying and Managing Certificate Templates
Managing Certificates Deployment, Revocation, and Recovery
Implementing and Managing Smart Cards

Module 9: Implementing and Administering AD RMS

Overview of AD RMS
Deploying and Managing an AD RMS Infrastructure
Configuring AD RMS Content Protection
Configuring External Access to AD RMS

Module 10: Implementing and Administering AD FS

Overview of AD FS
Deploying AD FS
Implementing AD FS for a Single Organization
Deploying AD FS in a Business-to-Business Federation Scenario
Extending AD FS to External Clients

Module 11: Implementing Secure Shared File Access

Overview of Dynamic Access Control
Implementing DAC Components
Implementing DAC for Access Control
Implementing Access Denied Assistance
Implementing and Managing Work Folders
Implementing Workplace Join

Module 12: Monitoring, Managing, and Recovering AD DS

Monitoring AD DS
Managing the AD DS Database
AD DS Backup and Recovery Options for AD DS and Other Identity and Access Solutions

Module 13: Implementing Windows Azure Active Directory

Overview of Windows Azure AD
Managing Windows Azure AD Accounts

Module 14: Implementing and Administering AD LDS

Overview of AD LDS

Deploying AD LDS

Configuring AD LDS Instances and Partitions

Configuring AD LDS Replication

Integrating AD LDS with AD DS