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## Course Introduction

### Module 1

Introduction to Active Directory Technology in Windows Server 2008  
Server Roles and Initial Configuration Tasks

#### **Lesson 1: Active Directory Improvements Server Roles in Active Directory**

Windows Server 2008 Installation Results  
Server Manager Console  
What's New in Active Directory  
Demo - Server Manager  
Demo - Server Manager Overview  
Demo - Initial 2008 Install  
Demo - Install Role  
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### Module 2

Planning for Windows Server 2008 Active Directory Services

#### **Lesson 1: Planning for AD DS Deployment**

How to Design a Forest Infrastructure  
How to Design a Domain Infrastructure  
Discussion: Forest and Domain Considerations  
How to Design a Site Topology  
How to Design the Administrative Infrastructure  
How to Design for Group Policy

#### **Lesson 2: Considerations for Doing the Upgrade**

Beginning Steps for AD DS Installation  
Read-Only Domain Controller  
AD DS and Server Core  
Server Manager Wizards  
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Demo - Verify AD  
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Demo - Test AD  
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### Module 3

Server Core Domain Controller

#### **Lesson 1: Domain Controllers of the Server Core**

Reasons for Server Core  
Server Core Architecture  
New in Server Core  
Domain Controller Role on Server Core  
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Demo - Rename Server Core  
Demo - Server Core Roles  
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Active Directory Domain Services

#### **Lesson 1: New Features in AD DS**

AD DS Installation Wizard  
Options for the Unattend Install  
Active Directory Sites and Services

#### **Lesson 2: Improvements to Security**

The Read-Only Domain Controller  
Server Core and DC Roles  
Common Criteria  
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#### **Lesson 3: Manageability and Reliability DFSR for SYSVOL**

RODC Administrator Role Separation  
DNS Improvements  
Restartable AD DS  
Demo - Create User  
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Demo - Site GPO  
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## **Module 5**

AD Federation, Lightweight Directory & Rights Management Services

### **Lesson 1: Federation Services AD FS Overview**

### **Lesson 2: Lightweight Directory Services New Technology**

AD LDS Overview  
Benefits of AD LDS  
AD LDS Usage Scenarios

### **Lesson 3: Rights Management Services AD RMS Overview**

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Read-Only Domain Controllers

### **Lesson 1: Read-Only Domain Controller**

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Read-Only Domain Controller Replication

### **Lesson 2: Operation of Read-Only Domain Controller**

Credential Caching  
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Read-Only Domain Name System  
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Auditing Active Directory Domain Services  
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### **Lesson 1: New Features with AD DS Auditing Auditing Overview**

Auditing with Windows Server 2008

## **Lesson 2: Implementing AD DS Change Auditing**

Global Audit Policy  
System Access Control List  
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## **Module 8**

Enterprise PKI Active Directory Certificate Services (AD CS)

### **Lesson 1: Certificate Authority**

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Demo - Issue Certificate  
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Demo - OCSP  
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