

Microsoft Active Directory

This Microsoft Active Directory (AD) training covers covers administering AD, configuring key features, and simplifying identity infrastructure management for systems administrators. This Microsoft course is perfect for IT teams and administrators looking to enhance their skills in securing networks and protecting business data.

[CBT Nuggets course material](#) →

WEEK 1

Create and Manage Active Directory Users and Computers 160 min.

Create, Copy, Configure, and Delete Users and Computers	15
Automate the Creation of Active Directory Accounts	11
More Automation and Account Management	12
Perform Bulk Active Directory Operations	10
Configure User Rights	6
Implement Offline Domain Join	4

Create and Manage Active Directory Groups and Organizational Units (OUs)

Overview	1
Create, Copy, Configure, and Delete Groups and OUs	15
Automate Groups and OUs with PowerShell	8
Manage Group Membership Using Group Policy	5
Group Types and Group Nesting	15

Configure Service Authentication and Account Policies in Active Directory

Overview	1
Configure Service Accounts	13
Group Managed Service Accounts (gMSAs)	13
Configure Kerberos Constrained Delegation (KCD)	6
Manage Service Principal Names (SPNs)	9
Configure Account Policies	14

WEEK 2

151 min.

Maintain Active Directory

Overview	1
Offline AD and Defragmentation	8
Clean Up Metadata	8
Backup and Restore of Active Directory	18
Replication of Active Directory	11
Replication and PRP for RODC	9

Configure Active Directory in Enterprise Environments

Overview	1
Multi-Domain and Multi-Forest Active Directory	10
Configure Domain and Forest Settings	7
Trusts	12
Configure Sites and Subnets	11

Create and Manage Group Policy Objects (GPOs)

Overview	1
Create and Manage Group Policy Objects (GPOs)	19
Configure Group Policy Processing	15
Configure Group Policy Settings	17

WEEK 3

151 min.

Configure Group Policy Preferences	6
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Implement Active Directory Certificate Services (AD CS)

Overview	1
Install a Certificate Authority	10
Installing a Subordinate CA	25

CA Management	11
Manage Certificates	12

Administer Active Directory Domain Services

Overview	1
Introduction to Administer Active Directory Domain Services	3
Active Directory Domain Services Overview	4
Installing and Configuring Domain Controllers	14
Creating Users and Groups	17
Creating Organizational Units	11
Designing Groups and Assigning Permissions	16
Active Directory Management and Best Practices	12

PowerShell Basics

Overview	1
PowerShell Basics Introduction	1
PowerShell Components	3

WEEK 4

87 min.

Objects and Members	6
Variables and Data Types	15
Operators	4
Putting it all Together!	12

Manage Active Directory with PowerShell 7

Overview	1
Active Directory, the SysAdmin's Home	1
Hello, World! Reset a Password	12

Getting and Setting User Details	15
Working with Groups	11
The AD:\PSDrive	7
Summarizing AD Operations	1