

70-742 - Managing Active Directory Objects in Windows Server 2016

Modality: On Demand

Duration: 4 Hours

About this course:

This is an intermediate difficulty level course. It covers the Active Directory Domain services, which is the fundamental identity management platform for Windows Networks. In this course, learners will get to learn about deploying domain controllers, regulating different Active Directory components, securing your network and regulating it centrally using Group Policy. Learners will also get to learn about the ways of connecting the Internal Active Directory to cloud based solutions. This includes software like, Office 365 and Azure AD alongside the establishment of complicated AD DS internal infrastructures. Mainly, this course has been designed to prepare the students for the Microsoft 70-742: Identity with Windows Server 2016 exam.

On average, a Windows Server Administrator earns \$69,077 per annum.

Learning objectives:

The course has the following learning objectives:

- Installing and configuring domain controllers
- Regulating objects in AD DS by making use of graphical tools and Windows PowerShell
- Incorporating the AD DS in complicated environments
- Incorporating AD DS sites, and configuring and regulating replication
- Incorporating and regulating Group Policy Objects (GPOs)
- Regulating user settings by making use of GPOs
- Protecting the AD DS and user accounts
- Incorporating and regulating a certificate authority (CA) hierarchy with AD CS
- Deploying and regulating certificates
- Incorporating and administering the AD FS
- Incorporating and administering Active Directory Rights Management Services (AD RMS)
- Conducting synchronization among AD DS and Azure AD
- Monitoring, troubleshooting, and forming business continuity for the AD DS services

Audience:

This course is designed for the following groups:

- AD DS administrators: those who are aiming to get training in identity and access technologies with Windows Server 2012 or Windows Server 2016
- System or infrastructure administrators: those who are with minimum AD DS experience and knowledge and are aiming for cross-training in core and advanced identity and access technologies with Windows Server 2012 or Windows Server 2016

Requirements:

The course has some important requirements that should be fulfilled before starting it:

- Sufficient experience of AD DS concepts and technologies in Windows Server 2012 or Windows Server 2016
- Experience in operating and configuring Windows Server 2012 or Windows Server 2016
- Experience and sufficient knowledge of key networking technologies like, IP addressing, name resolution, and Dynamic Host Configuration Protocol (DHCP)
- Experience and knowledge of Microsoft Hyper-V and basic server virtualization concepts

Suggested pre-taken courses:

- Administering Windows Server 2012 - MOC On Demand (MS-20411)
- Configuring Advanced Windows Server 2012 Services - MOC On Demand (MS-20412)
- Automating Administration with Windows PowerShell - MOC On Demand (MS-10961)

Course Outline:

- Course Introduction
- Topic A: Overview of AD DS Object Management
- Topic B: Managing User Accounts
- Topic C: Managing Groups
- Topic D: Managing Computer Accounts
- Topic E: Managing Organizational Units
- Course Summary