

70-742: Managing Active Directory Objects in Windows Server 2016 - Retired2020

Modality: On Demand

Duration: 4 Hours

This course prepares you for the 70-742 Exam leading to 70-742 Certification. This course does not include the Official Exam Voucher, however, you can request to purchase the **Official Exam Voucher** separately.

About this course:

This intermediate level course covers Active Directory Domain services the primary identity management platform for Windows Networks. Students will learn how to deploy domain controllers, manage various Active Directory objects, secure your network and manage it centrally using Group Policy. Students will also learn how to connect your internal Active Directory to cloud based solutions such as Office 365 and Azure AD along with the establishment of complex AD DS internal infrastructures. The actual purpose for this course is to prepare our students for the [Microsoft 70-742: Identity with Windows Server 2016 exam](#).

The average salary for a Windows Server Administrator is **\$69,077** per year.

Course Objective:

After completing this course, students will be able to:

- Install and configure domain controllers.
- Manage objects in AD DS by using graphical tools and Windows PowerShell.
- Implement AD DS in complex environments.
- Implement AD DS sites, and configure and manage replication.
- Implement and manage Group Policy Objects (GPOs).
- Manage user settings by using GPOs.
- Secure AD DS and user accounts.
- Implement and manage a certificate authority (CA) hierarchy with AD CS.
- Deploy and manage certificates.
- Implement and administer AD FS.
- Implement and administer Active Directory Rights Management Services (AD RMS).
- Implement synchronization between AD DS and Azure AD.
- Monitor, troubleshoot, and establish business continuity for AD DS services.

Audience:

This course is intended for:

- AD DS administrators who are looking to train in identity and access technologies with

Windows Server 2012 or Windows Server 2016.

- System or infrastructure administrators with general AD DS experience and knowledge who are looking to cross-train in core and advanced identity and access technologies in Windows Server 2012 or Windows Server 2016.

Prerequisites:

Before attending this course, students must have:

- Some exposure to and experience with AD DS concepts and technologies in Windows Server 2012 or Windows Server 2016.
- Experience working with and configuring Windows Server 2012 or Windows Server 2016
- Experience and an understanding of core networking technologies such as IP addressing, name resolution, and Dynamic Host Configuration Protocol (DHCP).
- Experience working with and an understanding of Microsoft Hyper-V and basic server virtualization concepts.

Suggested prerequisites 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:

- Installing and Configuring Domain Controllers
- Managing Active Directory Objects
- Securing Active Directory Domain Services
- Working with Complex AD DS Infrastructures
- Implementing Group Policy
- Understanding Microsoft Azure AD and Directory Synchronization
- Monitoring and Recovering AD DS
- Implementing Active Directory Certificate Services
- Implementing Active Directory Federation Services (AD FS)
- Implementing Active Directory Rights Management Services