



Identity with Windows Server 2016



Practice Labs™

Identity with Windows Server 2016



Lab Outline

The 70-742 Practice Lab will provide you with the necessary platform to gain hands on skills in Microsoft Windows Server 2016.

By completing the lab tasks you will improve your practical skills in installing and configuring Active Directory Domain Services (AD DS), managing and maintaining AD DS, creating and managing group policy, implementing Active Directory Certificate Services (AD CS) and implementing identity federation and access solutions.

These same tasks will help you understand the objectives and competencies required by the Microsoft 70-742 certification exam.

Outcomes

After completing this Practice Lab, students will be able to:

- Install, configure domain controllers in a new forest, child or existing domain
- Add or remove domain controllers from a domain
- Install Active Directory Domain Services on a Server Core computer
- Install a domain controller using Install from Media
- Resolve DNS SRV missing records
- Enable global catalog server role
- Manage Flexible Single Master Operations roles
- Install Read-Only Domain Controllers
- Manage security groups, group nesting and convert security groups
- Manage group types and group scopes using graphical admin tools and Windows PowerShell
- Backup and restore Active Directory
- Enable AD recycle bin
- Implementing multi-domain and multi-forest Active Directory infrastructure
- Configure AD sites, subnets, move domain controllers and replication
- Manage and configure Group Policy Objects
- Configure GPO processing, settings and preferences
- Install and wconfigure Active Directory Federation Services
- Install and configure Active Directory Rights Management

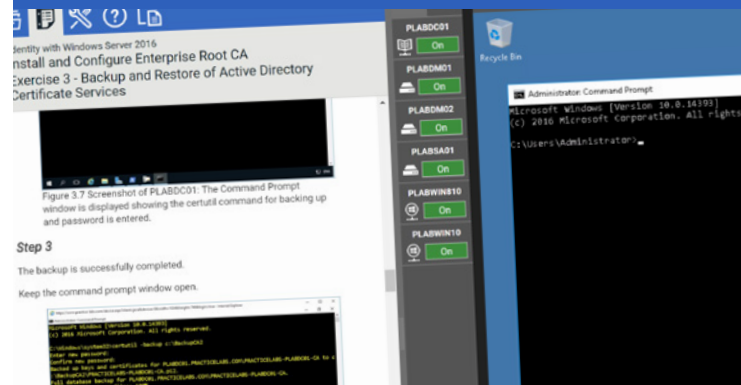
And more...

Course Code
70-742

Skill Level
Intermediate

Released
July 2017

Duration
21



Prerequisites

No prior hands-on experience is required to use or complete this Practice Lab. However, it would be beneficial to be familiar with the following concepts:

- Some basic knowledge and experience in AD DS

Who is it For?

The 70-742 certificate is aimed at Windows Network administrators, Windows Server administrators or IT professionals seeking to advance their hands-on skills in advanced networking technologies in Windows Server 2016.

Additional Info

This Practice Lab focuses on the practical aspects of the 70-742 exam objectives. It is therefore advised to refer to your own course materials to gain a deeper understanding of any theoretical aspects of the exam objectives.

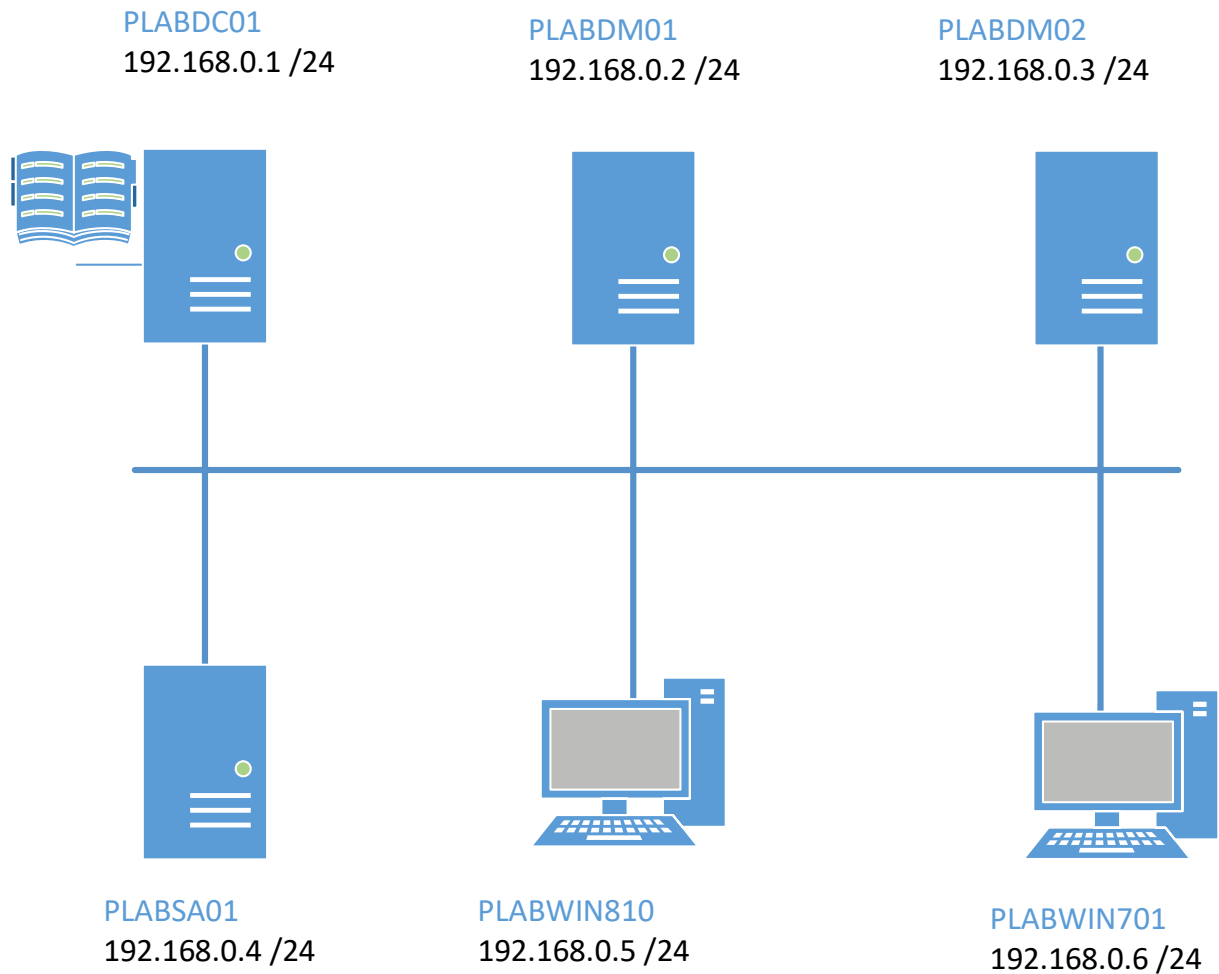
Support 9am-5pm(GMT) : +44 (0) 203 588750
E-mail: sales@practice-labs.com

Identity with Windows Server 2016

Powered by
Practice Labs

Lab Topologies

You will also have access to the following topologies:



Identity with Windows Server 2016



Modules and Exercises

Install and Configure Enterprise Root CA

- Introduction
- Exercise 1 - Install AD Certificate Services
- Exercise 2 - Configure Certificate Revocation Lists (CRLs)
- Exercise 3 - Backup and Restore of Active Director Certificate Services
- Summary

Install and Configure Offline Root CA

- Introduction
- Exercise 1 - Deploy Stand-alone CA
- Exercise 2 - Configure an Enterprise Subordinate CA
- Summary

Manage Certificate Services Part 1

- Introduction
- Exercise 1 - Managing Certificate Templates
- Exercise 2 - Configuring Certificate Auto Enrollment
- Exercise 3 - Implementing Key Archival
- Exercise 4 - Enrolling for User Certificate
- Exercise 5 - Managing Key Recovery
- Summary

Manage Certificates Part 2

- Introduction
- Exercise 1 - Installing an Enterprise Root CA
- Exercise 2 - Managing Certificate Online Responder
- Exercise 3 - Testing OCSP
- Summary

Deploy and Manage Domain Controllers Part 1

- Introduction
- Exercise 1 - Install Additional Domain Controller
- Exercise 2 - Create a New AD Forest
- Exercise 3 - Install AD DS on Server Core
- Summary

Deploy and Manage Domain Controllers Part 2

- Introduction
- Exercise 1 - Install Domain Controller using IFM
- Exercise 2 - Install Read-Only Domain Controller (RODC)
- Exercise 3 - Manage Password Replication Policy
- Summary

Deploy and Manage Domain Controllers Part 3

- Introduction
- Exercise 1 - Configure a Global Catalog Server
- Exercise 2 - Manage DNS SRV Records
- Summary

Manage Operations Master Roles

- Introduction
- Exercise 1 - Install Additional Domain Controllers
- Exercise 2 - Transfer Operations Master Roles
- Exercise 3 - Seize Operations Master Roles
- Summary

Configure Domain Controller Cloning

- Introduction
- Exercise 1 - Prepare Additional Domain Controller
- Exercise 2 - Create Domain Controller Clone
- Summary

Manage Active Directory Accounts Part 1

- Introduction
- Exercise 1 - Configuring Delegated Administration of OUs
- Exercise 2 - Managing User Accounts
- Summary

Manage Active Directory Accounts Part 2

- Introduction
- Exercise 1 - Perform an Offline Domain Join
- Exercise 2 - Manage Locked, Disabled and Inactive Accounts
- Summary

Manage Active Directory Accounts Part 2

- Introduction
- Exercise 1 - Perform an Offline Domain Join
- Exercise 2 - Manage Locked, Disabled and Inactive Accounts
- Summary

Administer Active Directory Groups and OUs

- Introduction
- Exercise 1 - Manage Group Nesting
- Exercise 2 - Manage Group Membership Using GPO
- Summary

Identity with Windows Server 2016



Manage Active Directory in an Enterprise Environment Part 1

- Introduction
- Exercise 1 - Prepare System Requirements for Trust Relationship
- Exercise 2 - Configure Forest Trust Relationship
- Exercise 3 - Create External Trust
- Exercise 4 - Manage Sites and Subnets
- Summary

Manage Active Directory in an Enterprise Environment Part 2

- Introduction
- Exercise 1 - Prepare Prerequisites for Multiple AD Forests
- Exercise 2 - Configure Name Suffix Routing
- Summary

Maintain Active Directory Part 1

- Introduction
- Exercise 1 - Prepare Prerequisites for Windows Server Backup
- Exercise 2 - Backup System State Data
- Exercise 3 - Perform Authoritative Restore
- Summary

Maintain Active Directory Part 2

- Introduction
- Exercise 1 - Prepare Prerequisites for Metadata Cleanup
- Exercise 2 - Clean up Active Directory Metadata
- Exercise 3 - Create Active Directory Snapshots
- Exercise 4 - Enable Active Directory Recycle Bin
- Summary

Create and Manage Group Policy Objects

- Introduction
- Exercise 1 - Prepare Requirements for Central GPO Store
- Exercise 2 - Import GPOs
- Exercise 3 - Delegate Group Policy Management
- Summary

Manage Group Policy Processing

- Introduction
- Exercise 1 - Prepare Requirements for Central GPO Store
- Exercise 2 - Import GPOs
- Exercise 3 - Delegate Group Policy Management
- Summary

Implement Group Policy Settings

- Introduction
- Exercise 1 - Deploy Programs with Group Policy Software Installation
- Exercise 2 - Enable Folder Redirection
- Exercise 3 - Create Logon Script
- Exercise 4 - Working with Group Policy Administrative Templates
- Exercise 5 - Configure Property Filters for Administrative Templates
- Summary

Configure Group Policy Preferences

- Introduction
- Exercise 1 - Implement GPO Preferences
- Summary