

uCertify

Course Outline

**MCSA 70-742 Cert Guide: Identity with Windows
Server 2016**



26 Apr 2024

1. Course Objective
2. Expert Instructor-Led Training
3. ADA Compliant & JAWS Compatible Platform
4. State of the Art Educator Tools
5. Award Winning Learning Platform (LMS)
6. Live labs

Lab Tasks

Here's what you get

1. Course Objective

Gain hands-on expertise in Microsoft 70-742 exam by Identity with Windows Server 2016 performance-based labs. Performance-based labs are versatile - labs simulate real-world, hardware, software & command line interface environments and can be mapped to any text-book, course & training. Identity with Windows Server 2016 performance-based labs cover all the objectives of 70-742 exam and include topics such as identity and active directory 2016, installing and configuring domain controllers, creating and managing active directory users and computers, creating and managing active directory groups and organizational units, and much more.

2. Expert Instructor-Led Training

uCertify uses the content from the finest publishers and only the IT industry's finest instructors. They have a minimum of 15 years real-world experience and are subject matter experts in their fields. Unlike a live class, you can study at your own pace. This creates a personal learning experience and gives you all the benefit of hands-on training with the flexibility of doing it around your schedule 24/7.

3. ADA Compliant & JAWS Compatible Platform

uCertify course and labs are ADA (Americans with Disability Act) compliant. It is now more accessible to students with features such as:

- Change the font, size, and color of the content of the course
- Text-to-speech, reads the text into spoken words
- Interactive videos, how-tos videos come with transcripts and voice-over
- Interactive transcripts, each word is clickable. Students can clip a specific part of the video by clicking on a word or a portion of the text.

JAWS (Job Access with Speech) is a computer screen reader program for Microsoft Windows that reads the screen either with a text-to-speech output or by a Refreshable Braille display. Student can easily navigate uCertify course using JAWS shortcut keys.

4. State of the Art Educator Tools

uCertify knows the importance of instructors and provide tools to help them do their job effectively. Instructors are able to clone and customize course. Do ability grouping. Create sections. Design grade scale and grade formula. Create and schedule assessments. Educators can also move a student from self-paced to mentor-guided to instructor-led mode in three clicks.

5. Award Winning Learning Platform (LMS)

uCertify has developed an award winning, highly interactive yet simple to use platform. The SIIA CODiE Awards is the only peer-reviewed program to showcase business and education technology's finest products and services. Since 1986, thousands of products, services and solutions have been recognized for achieving excellence. uCertify has won CODiE awards consecutively for last 7 years:

- **2014**

1. Best Postsecondary Learning Solution

- **2015**

1. Best Education Solution
2. Best Virtual Learning Solution
3. Best Student Assessment Solution
4. Best Postsecondary Learning Solution
5. Best Career and Workforce Readiness Solution
6. Best Instructional Solution in Other Curriculum Areas
7. Best Corporate Learning/Workforce Development Solution

- **2016**

1. Best Virtual Learning Solution
2. Best Education Cloud-based Solution
3. Best College and Career Readiness Solution
4. Best Corporate / Workforce Learning Solution
5. Best Postsecondary Learning Content Solution

6. Best Postsecondary LMS or Learning Platform
7. Best Learning Relationship Management Solution

- **2017**

1. Best Overall Education Solution
2. Best Student Assessment Solution
3. Best Corporate/Workforce Learning Solution
4. Best Higher Education LMS or Learning Platform

- **2018**

1. Best Higher Education LMS or Learning Platform
2. Best Instructional Solution in Other Curriculum Areas
3. Best Learning Relationship Management Solution

- **2019**

1. Best Virtual Learning Solution
2. Best Content Authoring Development or Curation Solution
3. Best Higher Education Learning Management Solution (LMS)

- **2020**

1. Best College and Career Readiness Solution
2. Best Cross-Curricular Solution
3. Best Virtual Learning Solution

6. Live Labs

The benefits of live-labs are:

- Exam based practical tasks
- Real equipment, absolutely no simulations
- Access to the latest industry technologies
- Available anytime, anywhere on any device

- Break and Reset functionality
- No hardware costs

Lab Tasks

Installing and Configuring Domain Controllers

- Installing AD DS and Promoting the Server to a Domain Controller
- Installing RODC
- Promoting an Existing Domain Controller to a Global Catalog Server

Creating and Managing Active Directory Users and Computers

- Creating and Configuring a New User
- Creating a New Computer Account in Active Directory Domain Services
- Copying Users
- Deleting Objects
- Configuring a User's Rights

Creating and Managing Active Directory Groups and Organizational Units

- Creating a Group
- Creating an Organizational Unit

Configuring Service Authentication and Account Policies

- Creating a Service Account in AD DS
- Setting Up Kerberos Delegation
- Configuring a Default Domain Password Policy
- Configuring Account Lockout Policy Settings
- Configuring Kerberos Policy Settings

Maintaining Active Directory

- Configuring and restoring objects by using the Active Directory recycle bin
- Creating a Backup
- Stopping the AD DS service
- Cleaning up the metadata of a domain
- Allowing accounts to replicate to RODC

Configuring Active Directory in a Complex Enterprise Environment

- Raising the domain functional level
- Configuring sites
- Renaming sites
- Moving a server between sites
- Creating a new subnet

Creating and Managing Group Policy Objects (GPOs)

- Configuring GPO Links
- Creating a Starter GPO
- Creating a GPO
- Exporting Starter GPOs for use in another forest
- Creating and configuring a migration table
- Restoring a GPO to previously backed up settings
- Backing up a GPO
- Delegating the creation of GPOs
- Configuring multiple local GPOs

Configuring Group Policy Processing

- Blocking Inheritance
- Setting Up a Security Filter

Configuring Group Policy Settings

- Setting up folder redirection
- Enabling administrative template filters
- Deploying Software via Group Policy Management

Configuring Group Policy Preferences

- Configuring Internet Explorer settings
- Configuring Printers
- Configuring Power Options
- Configuring a New File Operation
- Configuring a New Folder Operation

Installing and Configuring Active Directory Certificate Services

- Installing and Configuring AD CS on a Server
- Backing Up CA
- Delegating permissions

Managing Certificates

- Enabling Certificate Templates
- Creating an Autoenrollment Certificate
- Revoking and Exporting a Certificate

Installing and Configuring Active Directory Federation Services

- Installing and Configuring a Standalone AD FS Server
- Configuring Authentication Policies
- Integrating AD FS with PIN Complexity

Implementing Web Application Proxy

- Installing Web Application Proxy

Installing and Configuring Active Directory Rights Management Services

- Installing and Configuring AD RMS
- Adding an exclusion policy for users
- Generating a new cluster key password

Here's what you get

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LIVE LABS

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VIDEO TUTORIALS

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MINUTES

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