



# Course Outline

---

## Windows Server 2008, Active Directory, Configuring



## Contents

1. Course Objective
2. Pre-Assessment
3. Exercises, Quizzes, Flashcards & Glossary
  - Number of Questions
4. Expert Instructor-Led Training
5. ADA Compliant & JAWS Compatible Platform
6. State of the Art Educator Tools
7. Award Winning Learning Platform (LMS)
8. Chapter & Lessons
  - Syllabus
  - Chapter 1: Overview of Active Directory
  - Chapter 2: Domain Name System (DNS)
  - Chapter 3: Active Directory Planning and Installation
  - Chapter 4: Installing and Managing Trees and Forests
  - Chapter 5: Configuring Sites and Replication
  - Chapter 6: Configuring Active Directory Server Roles
  - Chapter 7: Administering Active Directory
  - Chapter 8: Configuring Group Policy Objects
  - Chapter 9: Planning Security for Active Directory
  - Chapter 10: Active Directory Optimization and Reliability
- Videos and How To
9. Practice Test
  - Here's what you get
  - Features
10. Post-Assessment

## 1. Course Objective

The Microsoft Certified Technology Specialist Certification is an industry recognized credential. This certification is proof of a person's competence across a spectrum of skills including implementing and administering Windows Server 2008 in network services and connection requirements in corporate networks and more.

## 2. Pre-Assessment

Pre-Assessment lets you identify the areas for improvement before you start your prep. It determines what students know about a topic before it is taught and identifies areas for improvement with question assessment before beginning the course.

## 3. Exercises

There is no limit to the number of times learners can attempt these. Exercises come with detailed remediation, which ensures that learners are confident on the topic before proceeding.

576  
EXERCISES

## 4. Quizzes

Quizzes test your knowledge on the topics of the exam when you go through the course material. There is no limit to the number of times you can attempt it.



242

QUIZZES

## 5. Flashcards

Flashcards are effective memory-aiding tools that help you learn complex topics easily. The flashcard will help you in memorizing definitions, terminologies, key concepts, and more. There is no limit to the number of times learners can attempt these. Flashcards help master the key concepts.



162

FLASHCARDS

## 6. Glossary of terms

uCertify provides detailed explanations of concepts relevant to the course through Glossary. It contains a list of frequently used terminologies along with its detailed explanation. Glossary defines the key terms.



132

GLOSSARY OF  
TERMS

## 7. 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.

## 8. 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.

## 9. 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 assignments. Educators can also move a student from self-paced to mentor-guided to instructor-led mode in three clicks.

## 10. 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 5 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

## 11. Chapter & Lessons

uCertify brings these textbooks to life. It is full of interactive activities that keeps the learner engaged. uCertify brings all available learning resources for a topic in one place so that the learner can efficiently learn without going to multiple places. Challenge questions are also embedded in the chapters so learners can attempt those while they are learning about that particular topic. This helps them grasp the concepts better because they can go over it again right away which improves learning.

Learners can do Flashcards, Exercises, Quizzes and Labs related to each chapter. At the end of every lesson, uCertify courses guide the learners on the path they should follow.

### Syllabus

Chapter 1: Overview of Active Directory

- The Industry before Active Directory
- The Benefits of Active Directory
- Understanding Active Directory's Logical Structure
- Understanding Active Directory Objects
- Introducing Windows Server 2008 R2 Server Roles
- Introducing Identity and Access (IDA) in Windows Server 2008
- Summary
- Exam Essentials

## Chapter 2: Domain Name System (DNS)

- Introducing DNS
- Introducing DNS Database Zones
- New Functionality in Windows Server 2008 DNS
- Introducing DNS Record Types
- Configuring DNS
- Monitoring and Troubleshooting DNS
- Summary



- Exam Essentials

### Chapter 3: Active Directory Planning and Installation

- Overview
- Verifying the Filesystem
- Verifying Network Connectivity
- Understanding Domain and Forest Functionality
- Planning the Domain Structure
- Installing Active Directory
- Verifying Active Directory Installation
- Creating and Configuring Application Data Partitions
- Configuring DNS Integration with Active Directory
- Summary
- Exam Essentials

### Chapter 4: Installing and Managing Trees and Forests

- Reasons for Creating Multiple Domains
- Creating Domain Trees and Forests
- Demoting a Domain Controller

- Managing Multiple Domains
- Summary
- Exam Essentials

## Chapter 5: Configuring Sites and Replication

- Overview of Network Planning
- Overview of Active Directory Replication and Sites
- Implementing Sites and Subnets
- Configuring Replication
- Monitoring and Troubleshooting Active Directory Replication
- Summary
- Exam Essentials

## Chapter 6: Configuring Active Directory Server Roles

- Understanding Server Manager
- Configuring Active Directory Certificate Services
- Install Active Directory Certificate Services
- Understanding Active Directory Domain Services

- Active Directory Federation Services
- Active Directory Lightweight Directory Services
- Active Directory Rights Management Services
- Summary
- Exam Essentials

## Chapter 7: Administering Active Directory

- An Overview of OUs
- Planning the OU Structure
- Creating OUs
- Managing OUs
- Troubleshooting OUs
- Creating and Managing Active Directory Objects
- Publishing Active Directory Objects
- Using the Command Prompt for Active Directory Configuration
- Summary
- Exam Essentials

## Chapter 8: Configuring Group Policy Objects

- Introducing Group Policy
- Planning a Group Policy Strategy
- Implementing Group Policy
- Managing Group Policy
- Deploying Software through a GPO
- Implementing Software Deployment
- Configuring Software Deployment Settings
- Troubleshooting Group Policies
- Summary
- Exam Essentials

## Chapter 9: Planning Security for Active Directory

- Active Directory Security Overview
- Implementing Active Directory Security
- Using Group Policy for Security
- Understanding Smart Card Authentication
- Understanding Security Configuration and Analysis Tools

- Implementing an Audit Policy
- Summary
- Exam Essentials

## Chapter 10: Active Directory Optimization and Reliability

- Overview of Windows Server 2008 R2 Performance Monitoring
- Using Windows Server 2008 R2 Performance Tools
- Saving and Analyzing Data with Performance Logs and Alerts
- Monitoring and Troubleshooting Active Directory Components
- Backup and Recovery of Active Directory
- Summary
- Exam Essentials

## Videos and How To

uCertify course includes videos to help understand concepts. It also includes How Tos that help learners in accomplishing certain tasks.

**41**

VIDEOS

**40**

MINUTES

## 12. Practice Test

uCertify provides full length practice tests. These tests closely follow the exam objectives and are designed to simulate real exam conditions. Each course has a number of test sets consisting of hundreds of items to ensure that learners are prepared for the certification exam.

### Here's what you get

**25**

PRE-ASSESSMENTS QUESTIONS

**55**

POST-ASSESSMENTS QUESTIONS

## Features

### Full Remediation

Each question comes with detailed remediation explaining not only why an answer option is correct

but also why it is incorrect.

### Unlimited Practice

Each test can be taken unlimited number of times until the learner feels they are prepared. Learner can review the test and read detailed remediation. Detailed test history is also available.

### Learn, Test and Review Mode

Each test set comes with learn, test and review modes. In learn mode, learners will attempt a question and will get immediate feedback and complete remediation as they move on to the next question. In test mode, learners can take a timed test simulating the actual exam conditions. In review mode, learners can read through one item at a time without attempting it.

## 13. Post-Assessment

After completion of the uCertify course Post-Assessments are given to students and often used in conjunction with a Pre-Assessment to measure their achievement and the effectiveness of the exam.

Have Any Query? We Are Happy To Help!

### GET IN TOUCH:

■ Contact No

■ Email: [sales@ucertify.com](mailto:sales@ucertify.com)

■ [www.uCertify.com](http://www.uCertify.com)