

uCertify

Course Outline

MTA: Windows Server Administration Fundamentals



24 May 2020



Lesson



Practice test

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1. Course Objective

Create new career opportunities by being Microsoft MTA certified with the MTA: Windows Server Administration Fundamentals course. The course completely covers the 98-365 exam objectives and provides the required knowledge and skills in server installation, server roles, Active Directory, server storage, server performance management, and server maintenance.

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.

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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.



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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.



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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.



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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: Windows Server Overview

- Overview
- Introducing Servers
- Understanding Server Roles
- Microsoft Windows Server Features
- Review Questions

Chapter 2: Installing Windows Servers

- Overview

- Installation Options
- Upgrading Servers
- Using Server Core
- Working with Device Drivers
- Review Questions

Chapter 3: Managing Windows Server Storage

- Overview
- Data Storage Concepts
- Understanding RAID
- Identifying Storage Technologies
- Understanding Disk Types
- Review Questions

Chapter 4: Administering Services

- Overview
- Understanding Services
- Configuring Services
- Managing Services

- Troubleshooting Services
- Review Questions

Chapter 5: Active Directory Infrastructure

- Overview
- Understanding Active Directory
- Planning for Active Directory Servers
- Planning a DNS Namespace
- Exploring Sites and Replication
- Review Questions

Chapter 6: Configuring Active Directory

- Overview
- Planning an Active Directory Installation
- Installing Active Directory
- Review Questions

Chapter 7: Managing Active Directory

- Overview

- Exploring AD Management Tools
- Working with Users and Groups
- Understanding Organizational Units and Containers
- Review Questions

Chapter 8: Group Policy Management

- Overview
- Understanding Group Policy
- Defining the Group Policy Hierarchy
- Touring the Group Policy Management Console
- Creating a Group Policy Object
- Review Questions

Chapter 9: Application Servers

- Overview
- Understanding Application Servers
- Database Servers
- Mail Servers: Using Microsoft Exchange Server

- Collaboration Servers
- Monitoring Servers
- Threat Management Servers
- Review Questions

Chapter 10: Internet Information Services (IIS)

- Overview
- Understanding Web Services
- Internet Information Services
- Running an FTP Server
- Configuring Sites and Ports
- Web Server Security
- Review Questions

Chapter 11: File and Print Servers

- Overview
- Exploring File Servers
- Understanding DFS
- Understanding Print Servers

- Review Questions

Chapter 12: Remote Access Technologies

- Overview
- Planning for Remote Administration Tools
- Understanding Remote Desktop Services
- Review Questions

Chapter 13: Server Troubleshooting

- Overview
- Introducing Troubleshooting Processes and Procedures
- REACTing
- Stepping Through the OSI Model
- Troubleshooting with the Hardware/Software Model
- Symptom, Diagnosis, and Solution
- Systems Thinking
- Troubleshooting Tools
- Review Questions

Chapter 14: Performance Tuning

- Overview
- Performance Myths and Truths
- Command Prompt Tools
- Resource Monitor
- Performance Monitor
- Virtualization and Performance

- Review Questions

Chapter 15: Server Maintenance

- Overview
- Maintaining the Hardware
- Planning for Server Downtime
- Understanding Windows Update
- Automating with Logs and Alerts
- Planning for Continuity
- Review Questions

Videos and How To

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

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VIDEOS

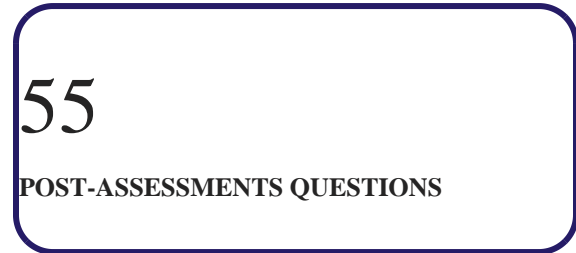
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MINUTES

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



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

■ www.uCertify.com