

uCertify

Course Outline

Installing and Configuring
Windows Server 2012 LAB



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Here's what you get

1. Course Objective

Gain hands-on expertise in Microsoft 70-410 certification exam by 70-410 Installing And Configuring Windows Server 2012 performance-based labs. Performance based labs simulate real-world, hardware, software & command line interface environments and can be mapped to any textbook, course & training. Microsoft 70-410 Installing And Configuring Windows Server 2012 certification program validates the skills and expertise of IT professionals to install, configure, and deploy network services, servers and directories.

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 assignments. 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 3 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

6. Performance Based Labs

uCertify's performance-based labs are simulators that provides virtual environment. Labs deliver hands on experience with minimal risk and thus replace expensive physical labs. uCertify Labs are cloud-based, device-enabled and can be easily integrated with an LMS. Features of uCertify labs:

- Provide hands-on experience in a safe, online environment
- Labs simulate real world, hardware, software & CLI environment
- Flexible and inexpensive alternative to physical Labs
- Comes with well-organized component library for every task
- Highly interactive - learn by doing
- Explanations and remediation available

- Videos on how to perform

Lab Tasks

- Installing Windows Server Migration Tools
- Installing a DNS server
- Installing an Internet Printing client
- Joining a computer to an Active Directory domain
- Installing Microsoft Multipath I/O (MPIO) feature
- Converting the GUI interface to the Server Core interface
- Installing the FTP server under the Web Server role
- Starting the Windows PowerShell utility
- Refreshing the server
- Configuring an iSCSI storage connection
- Starting a service
- Installing the iSNS feature
- Configuring the iSNS feature
- Initializing disk drives
- Converting a basic disk into a dynamic disk
- Creating a volume set
- Creating mount points
- Configuring a shared network folder for offline access
- Enabling BitLocker
- Installing BranchCache
- Creating a Share with Server Manager
- Sharing a folder
- Creating and publishing a shared folder
- Viewing disk configuration
- Configuring disk quotas
- Providing full access to the Users group
- Installation of the Print and Document Services Role

- Installing a new printer
- Scheduling Printer Access
- Deploying printers using Active Directory
- Adding and removing groups from a printer's properties
- Adding specific features
- Installing the Web Server IIS server role
- Creating a virtual hard disk
- Editing a virtual hard disk file
- Creating a virtual switch
- Creating a VM with an existing virtual hard disk
- Installing the Hyper-V role
- Installing the Hyper-V Management Tools feature
- Creating a Pass-through disk
- Creating a snapshot
- Applying a snapshot
- Configuring a dynamic memory
- Creating a virtual network
- Creating a new user class
- Configuring user class options
- Installing DHCP Server
- Configuring a DHCP Server
- Unauthorizing a DHCP Server
- Authorizing a DHCP Server
- Creating a DHCPv4 Scope
- Locating the DHCPv4 Scope
- Creating a DHCPv6 Scope
- Creating an IPv4 Superscope
- Creating a New Multicast Scope
- Enabling DHCP-DNS Integration
- Creating DNS domains
- Enabling DNS Recursive Name Server IPv6 Address List
- Creating DNS resource records
- Configuring a zone for dynamic updates
- Installing the Active Directory Domain Services role

- Configuring the Active Directory Domain Services role
- Installing AD DS on server core
- Creating computer objects
- Setting dynamic updates
- Using the Filter Current Log
- Viewing the Active Directory Event Log
- Creating a user template
- Creating a user account using Active Directory Administrative Center
- Creating a single user
- Resetting an existing computer account
- Delegating custom tasks
- Managing printers
- Resetting a password
- Finding objects in Active Directory
- Using the nslookup command
- Managing group properties
- Creating an OU using Active Directory Administrative Center
- Creating an organizational unit using Active Directory Users and Computers
- Creating an organizational unit using Windows PowerShell
- Creating a global security group
- Delegating administration
- Deleting an OU
- Managing object properties
- Moving Organizational Units
- Nesting objects
- Renaming an organizational unit
- Installing the Group Policy Management Tools feature
- Creating a Starter GPO
- Configuring offline folder options
- Creating group policy objects from Starter GPO
- Removing groups from GPOs
- Editing a new GPO
- Adding a group to the GPO
- Applying security policies by using Group Policy

- Delegating advanced permissions
- Creating and linking a new GPO to an OU
- Enabling audit logon events for success and failure
- Applying maximum security log size
- Applying security policy settings
- Viewing auditing data
- Enabling an active desktop
- Configuring the Certificate Services Client - Auto Enrollment policy
- Enabling auditing of Active Directory objects
- Creating a GPO and linking it with the existing GPO
- Defining software restrictions policies
- Modifying security settings
- Creating an inbound rule
- Creating an application pool
- Creating automatically generated executable rules
- Prohibiting user access to Control Panel and PC
- Allowing apps through the Windows Firewall Control Panel
- Adding a website
- Deleting the web browsing history

Here's what you get

114

VIDEO TUTORIALS

25

MINUTES

Have Any Query? We Are Happy To Help!

GET IN TOUCH:

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■ www.ucertify.com