



This course supports the assessment for Network Policies and Services Management. This course covers 6 competencies and represents 6 competency units.

Introduction

This course prepares students for the following certification exam:

- 70-410: Installing and Configuring Windows Server.

Watch the following video for an introduction to this course:

Note: To download this video, right-click the following link and choose "Save as...": [download video](#).

Competencies

This course provides guidance to help you demonstrate the following 6 competencies:

- **Competency 4005.1.1: Install and Configure Server 2012 R2**
The graduate installs and configures Windows Server 2012 R2.
- **Competency 4005.1.2: Configure Server Roles and Features**
The graduate configures server roles and features in Windows Server 2012 environment.
- **Competency 4005.1.3: Configure Hyper-V**
The graduate configures settings associated with Hyper-V technology in Windows Server 2012 R2 environment.
- **Competency 4005.1.4: Deploy and Configure Core Network Services**
The graduate deploys and configures Core network services in Windows Server 2012 environment.
- **Competency 4005.1.5: Install and Administer Active Directory**
The graduate installs and administers Active Directory in Windows Server 2012 environment.
- **Competency 4005.1.6: Create and Manage Group Policy**
The graduate creates and manages group policies in Windows Server 2012 environment.

Course Instructor Assistance

As you prepare to demonstrate competency in this subject, remember that course instructors stand ready to help you reach your educational goals. As subject matter experts, mentors enjoy and take pride in helping students become reflective learners, problem solvers, and critical thinkers. Course instructors are excited to hear from you and eager to work with you.

Successful students report that working with a course instructor is the key to their success. Course instructors are able to share tips on approaches, tools, and skills that can help you apply the content you're studying. They also provide guidance in assessment preparation strategies and troubleshoot areas of deficiency. Even if things don't work out on your first try, course instructors act as a support system to help you prepare for another attempt. You should expect to work with



course instructors for the duration of your coursework, and you are encouraged to contact them as soon as you begin. Course instructors are fully committed to your success!

Getting Started

Welcome to Network Policies and Services Management! The 70-410 Installing and Configuring Windows Server 2012 exam is the first in a series of 3 exams that test the skills and knowledge necessary to implement a Core Windows Server 2012 infrastructure in an existing enterprise environment. Passing this exam validates your ability to implement and configure Windows Server 2012 core services. Passing this exam, along with the 70-411 and 70-412, confirms you have the skills and knowledge necessary for implementing, managing, maintaining, and provisioning services and infrastructure in a Windows Server 2012 environment. After having passed all 3 exams, you will have earned your MCSA certification (and credit towards your MCSE).

Obtaining your MCSA: Windows Server 2012 qualifies you for a position as a network or computer systems administrator, or a computer network specialist.

Microsoft recommends candidates for this test should have at least 6-12 months experience within the specific objectives identified.

The format of your exam may include the following types of questions and features:

- Active Screen
- Build List
- Drag and Drop
- Hot Area
- Multiple Choice
- Repeated Answer Choices
- Best Answer
- Review Later
- Review Screen

For further information, please access the [Microsoft Certification Exams page](#). This site contains videos describing the types of questions on your test.

For assistance with PowerShell, refer to the Lynda.com playlist [PowerShell - Getting Started!](#)

Setting Up Your Own Virtual Environment

WGU's [MS Imagine](#) account provides you with the tools to create a virtual server of your own. Access your [MS Imagine](#) account, then download and install the following software:

- Windows Server 2012 R2 Datacenter

[Microsoft Lab Setup Guide](#)



If you need additional help setting up your lab, please contact your course instructors.

Learning Resources

The learning resources listed in this section are required to complete the activities in this course. For many resources, WGU has provided automatic access through the course. However, you may need to manually enroll in or independently acquire other resources. Read the full instructions provided to ensure that you have access to all of your resources in a timely manner.

Automatically Enrolled Resources

You can access the learning resources listed in this section by clicking on the links provided throughout the course. You may be prompted to log in to the WGU student portal to access the resources.

Pluralsight

You will have access to instructional videos from the following video sets provided by Pluralsight:

- Windows Server 2012 R2 (70-410) Server Roles and Features
- Windows Server 2012 R2 (70-410) MCSA and the 70-410 Exam
- Windows Server 2012 R2 (70-410) Install and Configure Servers
- Windows Server 2012 R2 (70-410) Manage Group Policy
- Windows Server 2012 R2 (70-410) Configure Hyper-V
- Windows Server 2012 R2 (70-410) Core Network Services
- Windows Server 2012 R2 (70-410) Administer Active Directory

Direct links to these video sets are included in the "Pluralsight Videos" activities that can be found throughout the course.

Kaplan IT Practice Exams

Kaplan IT Training practice exams are provided to help you gauge your readiness for the 70-412 exam, and for use as practice. Links to the Kaplan IT practice exams are included in the "Kaplan IT Optimized Test" activities that can be found throughout the course, and also in the section titled "Kaplan IT Practice Exam."

Practice Labs

Use the Practice Labs simulations to work through and practice the exam content. Direct links to these simulations are included in the "Practice Labs" activities that can be found throughout the course.

OPTIONAL: Review additional material

- [Mastering Windows Server 2012 R2](#)



- [Skillsoft](#)

Pacing Guide

The pacing guide suggests a weekly structure to pace your completion of learning activities. It is provided as a suggestion and does not represent a mandatory schedule. Follow the pacing guide carefully to complete the course in the suggested timeframe.

Week 1

MCSA and the 70-410 Exam Introduction

Watch the following Pluralsight videos:

- Introduction (13m 18s)
- Building Your 70-410 R2 Environment (16m 52s)

Install and Configure Servers

Install Servers

Watch the following Pluralsight videos:

- Introduction (5m 17s)
- Install Servers (45m 37s)

Review: Additional TechNet Articles

- 70-410: Install Servers

Week 2

Install and Configure Servers (continued)

Configure Servers

Watch the following Pluralsight videos:

- Configure Servers (58m 45s)

Complete the following Practice Lab:

- Install and Configure Servers

Review: Additional TechNet Articles



- 70-410: Configure Servers

Configure Local Storage

Watch the following Pluralsight videos:

- Configure Local Storage (46m 17s)

Complete the following Practice Labs:

- Configure Local Storage
- Configure Disk Pools

Review: Additional TechNet Articles:

- 70-410: Configure Local Storage

Complete: Kaplan IT Optimized Test:

- Install and Configure Servers

Week 3

Core Network Services

Configure IPv4 and IPv6 Addressing

Watch the following Pluralsight videos:

- Introduction (4m 5s)
- Configure IPv4 and IPv6 Addressing (1h 2m)

Complete the following Practice Lab:

- Configure IPv4 and IPv6 Addressing

Review: Additional TechNet Articles:

- 70-410: Configure IPv4 and IPv6 Addressing

Deploy and Configure DHCP Services

Watch the following Pluralsight videos:

- Deploy and Configure DHCP Services (44m 19s)

Complete the following Practice Lab:



- Deploy and Configure DHCP Service

Review: Additional TechNet Articles:

- 70-410: Deploy and Configure Dynamic Host Configuration Protocol (DHCP) Service

Deploy and Configure DNS Services

Watch the following Pluralsight videos:

- Deploy and Configure DNS Services (1h 1m)

Complete the following Practice Lab:

- Deploy and Configure DNS Service

Review: Additional TechNet Articles:

- 70-410: Deploy and Configure DNS Service

Complete: Kaplan IT Optimized Test:

- Deploy and Configure Core Network Services

Week 4

Administer Active Directory

Install Domain Controllers

Watch the following Pluralsight videos:

- Introduction (6m 23s)
- Install Domain Controllers (1h 17m)

Complete the following Practice Labs:

- Install Domain Controllers
- Install AD DS on Server Core

Review: Additional TechNet Articles:

- 70-410: Install Domain Controllers

Create and Manage AD Users and Computers



Watch the following Pluralsight videos:

- Create and Manage AD Users and Computers (52m 31s)

Complete the following Practice Lab:

- Create and Manage Active Directory Users and Computers

Review: Additional TechNet Articles:

- 70-410: Create and Manage Active Directory Users and Computers

Week 5

Administer Active Directory (Continued)

Create and Manage AD Groups and Organizational Units

Watch the following Pluralsight videos:

- Create and Manage AD Groups and Organizational Units (43m 8s)

Complete the following Practice Lab:

- Create and Manage AD Groups and OUs

Review: Additional TechNet Articles:

- 70-410: Create and Manage Active Directory Groups and Organizational Units (OUs)

Complete: Kaplan IT Optimized Test:

- Install and Administer Active Directory

Week 6

Server Roles and Features

Configure Servers for Remote Management

Watch the following Pluralsight videos:

- Introduction (5m 0s)
- Configure Servers for Remote Management (1h 9m)



Complete the following Practice Lab:

- none

Review: Additional TechNet Articles:

- 70-410: Configure Servers for Remote Management

Configure File and Share Access

Watch the following Pluralsight videos:

- Configure File and Share Access (1h 13m)

Complete the following Practice Lab:

- Configure File and Share Access
- Configure Work Folders

Review: Additional TechNet Articles:

- 70-410: Configure File and Share Access

Configure Print and Document Services

Watch the following Pluralsight videos:

- Configure Print and Document Services (45m 52s)

Complete the following Practice Lab:

- Configure Print and Document Services

Review: Additional TechNet Articles:

- 70-410: Configure Print and Document Services

Complete: Kaplan IT Optimized Test:

- Configure Server Roles and Features

Week 7

Manage Group Policy

Configure Group Policy Objects



Watch the following Pluralsight videos:

- Introduction (7m 9s)
- Configure Group Policy Objects (41m 50s)

Complete the following Practice Lab:

- Create Group Policy Objects

Review: Additional TechNet Articles:

- 70-410: Create Group Policy Objects (GPOs)

Configure Security Policies

Watch the following Pluralsight videos:

- Configure Security Policies (38m 15s)

Complete the following Practice Lab:

- Configure Security Policies

Review: Additional TechNet Articles:

- 70-410: Configure Security Policies

Week 8

Manage Group Policy (Continued)

Configure Application Restriction Policies

Watch the following Pluralsight videos:

- Configure Application Restriction Policies (38m 25s)

Complete the following Practice Lab:

- Configure Application Restriction Policies

Review: Additional TechNet Articles:

- 70-410: Configure Application Restriction Policies

Configure Windows Firewall



Watch the following Pluralsight videos:

- Configure Windows Firewall (50m 22s)

Complete the following Practice Lab:

- Configure Windows Firewall

Review: Additional TechNet Articles:

- 70-410: Configure Windows Firewall

Complete: Kaplan IT Optimized Test:

- Create and Manage Group Policy

Week 9

Configure Hyper-V

Create and Configure Virtual Machine Settings

Watch the following Pluralsight videos:

- Introduction (5m 50s)
- Create and Configure Virtual Machine Settings (57m 0s)

Complete the following Practice Lab:

- Create and Configure Virtual Machine Settings

Review: Additional TechNet Articles:

- 70-410: Create and Configure Virtual Machine Settings

Create and Configure Virtual Machine Storage

Watch the following Pluralsight videos:

- Create and Configure Virtual Machine Storage (54m 44s)

Complete the following Practice Lab:

- Create and Configure Virtual Machine Storage

Review: Additional TechNet Articles:



- 70-410: Create and Configure Virtual Machine Storage

Create and Configure Virtual Networks

Watch the following Pluralsight videos:

- Create and Configure Virtual Networks (42m 13s)

Complete the following Practice Labs:

- Create and Configure Virtual Networks
- Configure Network Interface Card Teaming in VMs

Review: Additional TechNet Articles:

- 70-410: Create and Configure Virtual Networks

Complete: Kaplan IT Optimized Test:

- Configure Hyper-V

Week 10-11

- Review areas of concern to reinforce understanding of concepts and processes
- Complete the Kaplan IT Preset Exam

Week 12

- Schedule your 70-410 Assessment

Note: This pacing guide does not replace the course. Please continue to refer to the course for a comprehensive list of the resources and activities.

Pre-test

Before you start this course, review the skills you will need to master. Take a practice test to get a sense of what you will face on the exam and to identify areas you will need to concentrate your studying.

Skills Measured

Review the "Skills Measured" section of Microsoft's [Exam 70-410 Windows Server page](#). Expand each of the categories to see detailed expectations and topics.



Pre-test

Access the [Kaplan IT Practice Exams for Cert-70-410](#). Click the Preset Exam Experience button, then complete "Preset: Exam A." This test includes 50 questions and permits 2 hours to complete. Do the best you can, then review your results.

Introduction to MCSA and the 70-410 Exam

View the following selections from the [Introduction to the MCSA and the 70-410 Exam](#):

- Introduction (13m 18s)
- Building Your 70-410 R2 Environment (16m 52s)

Install and Configure Servers

The content and practice provided in this section represents **17%** of the total 70-410 exam.

Install Servers

This topic addresses the following competency:

- **Competency 4005.1.1: Install and Configure Server 2012 R2**
The graduate installs and configures Windows Server 2012 R2.

Complete Pluralsight Videos:

Prior to viewing the Pluralsight videos for this subject, read **Chapter 1: Install Windows Server 2012** from [MCSA: Windows Server 2012 Complete Study Guide \(Exams 70-410, 70-411, 70-412, and 70-417\)](#).

View the following selections from [Install and Configure Servers](#):

- Introduction (5m 17s)
- Install Servers (45m 37s)

Review: Additional TechNet Articles

The following link contains some TechNet articles that will help further your understanding of the concepts discussed in this module. This is not all-inclusive, but is a good starting point.

- [70-410: Install Servers](#)



Configure Servers

This topic addresses the following competency:

- **Competency 4005.1.1: Install and Configure Server 2012 R2**
The graduate installs and configures Windows Server 2012 R2.

Complete Pluralsight Videos:

View the following selection from [Install and Configure Servers](#):

- Configuring Servers (58m 45s)

Complete: Practice Labs

Complete the following Practice Lab:

- [Install and Configure Servers](#)

Review: Additional TechNet Articles

The following link contains some TechNet articles that will help further your understanding of the concepts discussed in this module. This is not all-inclusive, but is a good starting point.

- [70-410: Configure Servers](#)

Configure Local Storage

This topic addresses the following competency:

- **Competency 4005.1.1: Install and Configure Server 2012 R2**
The graduate installs and configures Windows Server 2012 R2.

Complete Pluralsight Videos:

View the following selection from [Install and Configure Servers](#):

- Configuring Local Storage (46m 17s)

Complete: Practice Labs

Complete the following Practice Labs:

- [Configure Local Storage](#)
- [Configure Disk Pools](#)



Review: Additional TechNet Articles

The following link contains some TechNet articles that will help further your understanding of the concepts discussed in this module. This is not all-inclusive, but is a good starting point.

- [70-410: Configure Local Storage](#)

Complete: Kaplan IT Optimized Test

Click the following link and take the optimized test as noted.

- [Install and Configure Servers](#)

Core Network Services

The content and practice provided in this section represents **17%** of the total 70-410 exam.

Configure IPv4 and IPv6 Addressing

This topic addresses the following competency:

- **Competency 4005.1.4: Deploy and Configure Core Network Services**
The graduate deploys and configures Core network services in Windows Server 2012 environment.

Complete Pluralsight Videos:

Prior to viewing the Pluralsight videos for this subject, read **Chapter 2: Configure Network** and **Chapter 8: Configure TCP/IP** from [MCSA Windows Server 2012 Complete Study Guide \(Exams 70-410, 70-411, 70-412, and 70-417\)](#).

View the following selections from [Core Network Services](#):

- Introduction (4m 5s)
- Configure IPv4 and IPv6 Addressing (1h 2m)

Complete: Practice Labs

Complete the following Practice Lab:

- [Configure IPv4 and IPv6 Addressing](#)

Review: Additional TechNet Articles

The following link contains some TechNet articles that will help further your understanding of the concepts discussed in this module. This is not all-inclusive, but is a good starting point.



- [70-410: Configure IPv4 and IPv6 Addressing](#)

Deploy and Configure Dynamic Host Configuration Protocol (DHCP) Service

This topic addresses the following competency:

- **Competency 4005.1.4: Deploy and Configure Core Network Services**
The graduate deploys and configures Core network services in Windows Server 2012 environment.

Complete Pluralsight Videos:

View the following selection from [Core Network Services](#):

Deploy and Configure DHCP Services (44m 19s)

Complete: Practice Labs

Complete the following Practice Lab:

- [Deploy and Configure DHCP Service](#)

Review: Additional TechNet Articles

The following link contains some TechNet articles that will help further your understanding of the concepts discussed in this module. This is not all-inclusive, but is a good starting point.

- [70-410: Deploy and Configure Dynamic Host Configuration Protocol \(DHCP\) Service](#)

Deploy and Configure DNS Service

This topic addresses the following competency:

- **Competency 4005.1.4: Deploy and Configure Core Network Services**
The The graduate deploys and configures Core network services in Windows Server 2012 environment.

Complete Pluralsight Videos:

View the following selection from [Core Network Services](#):

- Deploy and Configure DNS Services (1h 1m)

Complete: Practice Labs



Complete the following Practice Lab:

- [Deploy and Configure DNS Service](#)

Review: Additional TechNet Articles

The following link contains some TechNet articles that will help further your understanding of the concepts discussed in this module. This is not all-inclusive, but is a good starting point.

- [70-410: Deploy and Configure DNS Service](#)

Complete: Kaplan IT Optimized Test

Click the following link and take the optimized test as noted.

- [Deploy and Configure Core Network Services](#)

Administer Active Directory

The content and practice provided in this section represents **14%** of the total 70-410 exam.

Install Domain Controllers

This topic addresses the following competency:

- **Competency 4005.1.5: Install and Administer Active Directory**

The graduate installs and administers Active Directory in the Windows Server 2012 environment.

Complete Pluralsight Videos:

Prior to viewing the Pluralsight videos for this subject, read:

Chapter 3: Plan and Install Active Directory

Chapter 5: Administer Active Directory

Chapter 15: Configure and Manage Active Directory

From [MCSA Windows Server 2012 Complete Study Guide \(Exams 70-410, 70-411, 70-412, and 70-417\)](#).

View the following selections from [Administer Active Directory](#):

- Introduction (6m 23s)
- Install Domain Controllers (1h 17m)



Complete: Practice Lab

Complete the following Practice Labs:

- [Install Domain Controllers](#)
- [Install AD DS on Server Core](#)

Review: Additional TechNet Articles

The following link contains some TechNet articles that will help further your understanding of the concepts discussed in this module. This is not all-inclusive, but is a good starting point.

- [70-410: Install Domain Controllers](#)

Create and Manage AD Users and Computers

This topic addresses the following competency:

- **Competency 4005.1.5: Install and Administer Active Directory**
The graduate installs and administers Active Directory in the Windows Server 2012 environment.

Complete Pluralsight Videos:

View the following selection from [Administer Active Directory](#):

- Create and Manage AD Users and Computers (52m 31s)

Complete: Practice Labs

Complete the following Practice Lab:

- [Create and Manage Active Directory Users and Computers](#)

Review: Additional TechNet Articles

The following link contains some TechNet articles that will help further your understanding of the concepts discussed in this module. This is not all-inclusive, but is a good starting point.

- [70-410: Create and Manage Active Directory Users and Computers](#)

Create and Manage AD Groups and Organizational Units (OUs)

This topic addresses the following competency:



- **Competency 4005.1.5: Install and Administer Active Directory**
The graduate installs and administers Active Directory in the Windows Server 2012 environment.

Complete Pluralsight Videos:

View the following selection from [Administer Active Directory](#):

- Create and Manage AD Groups and Organizational Units

Complete: Practice Labs

Complete the following Practice Lab:

- [Create and Manage AD Groups and OUs](#)

Review: Additional TechNet Articles

The following link contains some TechNet articles that will help further your understanding of the concepts discussed in this module. This is not all-inclusive, but is a good starting point.

- [70-410: Create and Manage Active Directory Groups and Organizational Units \(OUs\)](#)

Complete: Kaplan IT Optimized Test

Click the following link and take the optimized test as noted.

- [Install and Administer Active Directory](#)

Server Roles and Features

The content and practice provided in this section represents **17%** of the total 70-410 exam.

Configure Servers for Remote Management

This topic addresses the following competency::

- **Competency 4005.1.2: Configure Server Roles and Features**
The graduate configures server roles and features in Windows Server 2012 environment.

Complete Pluralsight Videos:

Prior to viewing the Pluralsight videos for this subject, read **Chapter 4: Configure Windows Server 2012 R2** from [MCSA Windows Server 2012 Complete Study Guide \(Exams 70-410, 70-411, 70-412, and 70-417\)](#).



View the following selections from [Server Roles and Features](#):

- Introduction (5m 0s)
- Configure Servers for Remote Management (1h 9m)

Review: Additional TechNet Articles

The following link contains some TechNet articles that will help further your understanding of the concepts discussed in this module. This is not all-inclusive, but is a good starting point.

- [70-410: Configure File and Share Access](#)

Configure File and Share Access

This topic addresses the following competency:

- **Competency 4005.1.2: Configure Server Roles and Features**
The graduate configures server roles and features in Windows Server 2012 environment.

Complete Pluralsight Videos:

View the following selection from [Server Roles and Features](#):

- Configure File and Share Access (1h 13m)

Complete: Practice Labs

Complete the following Practice Lab:

- [Configure File and Share Access](#)
- Configure Work Folders

Review: Additional TechNet Articles

The following link contains some TechNet articles that will help further your understanding of the concepts discussed in this module. This is not all-inclusive, but is a good starting point.

- [70-410: Configure Servers for Remote Management](#)

Complete: Kaplan IT Optimized Test

Click the following link and take the optimized test as noted.

- [Configure Server Roles and Features](#)



Configure Print and Document Services

This topic addresses the following competency:

- **Competency 4005.1.2: Configure Server Roles and Features**
The graduate configures server roles and features in Windows Server 2012 environment.

Complete Pluralsight Videos:

View the following selection from [Server Roles and Features](#):

- Configure Print and Document Services (45m 52s)

Complete: Practice Labs

Complete the following Practice Lab:

- [Configure Print and Document Services](#)

Review: Additional TechNet Articles

The following link contains some TechNet articles that will help further your understanding of the concepts discussed in this module. This is not all-inclusive, but is a good starting point.

- [70-410: Configure Print and Document Services](#)

Manage Group Policy

The content and practice provided in this section represents **16%** of the total 70-410 exam.

Configure Group Policy Objects (GPOs)

This topic addresses the following competency:

- **Competency 4005.1.6: Create and Manage Group Policy**
The graduate creates and manages group policies in the Windows Server 2012 environment.

Complete Pluralsight Videos:

Prior to viewing the Pluralsight videos for this subject, read:

Chapter 6: Manage GPOs

Chapter 7: Manage Security



Chapter 16: Configure and manage Group Policy

From [MCSA Windows Server 2012 Complete Study Guide \(Exams 70-410, 70-411, 70-412, and 70-417\)](#).

View the following selections from [Manage Group Policy](#):

- Introduction (7m 9s)
- Configure Group Policy Objects (41m 50s)

Complete: Practice Labs

Complete the following Practice Lab:

- [Create Group Policy Objects](#)

Review: Additional TechNet Articles

The following link contains some TechNet articles that will help further your understanding of the concepts discussed in this module. This is not all-inclusive, but is a good starting point.

- [70-410: Create Group Policy Objects \(GPOs\)](#)

Configure Security Policies

This topic addresses the following competency:

- **Competency 4005.1.6: Create and Manage Group Policy**
The graduate creates and manages group policies in the Windows Server 2012 environment.

Complete Pluralsight Videos:

View the following selection from [Manage Group Policy](#):

- Configure Security Policies (38m 15s)

Complete: Practice Labs

Complete the following Practice Lab:

- [Configure Security Policies](#)

Review: Additional TechNet Articles

The following link contains some TechNet articles that will help further your understanding of the concepts discussed in this module. This is not all-inclusive, but is a good starting point.



- [70-410: Configure Security Policies](#)

Configure Application Restriction Policies

This topic addresses the following competency:

- **Competency 4005.1.6: Create and Manage Group Policy**
The graduate creates and manages group policies in the Windows Server 2012 environment.

Complete Pluralsight Videos:

View the following selection from [Manage Group Policy](#):

- Configure Application Restriction Policies (38m 25s)

Complete: Practice Labs

Complete the following Practice Lab:

- [Configure Application Restriction Policies](#)

Review: Additional TechNet Articles

The following link contains some TechNet articles that will help further your understanding of the concepts discussed in this module. This is not all-inclusive, but is a good starting point.

- [70-410: Configure Application Restriction Policies](#)

Configure Windows Firewall

This topic addresses the following competency:

- **Competency 4005.1.6: Create and Manage Group Policy**
The graduate creates and manages group policies in the Windows Server 2012 environment.

Complete Pluralsight Videos:

View the following selection from [Manage Group Policy](#):

- Configure Windows Firewall (50m 22s)

Complete: Practice Labs

Complete the following Practice Lab:



- [Configure Windows Firewall](#)

Review: Additional TechNet Articles

The following link contains some TechNet articles that will help further your understanding of the concepts discussed in this module. This is not all-inclusive, but is a good starting point.

- [70-410: Configure Windows Firewall](#)

Complete: Kaplan IT Optimized Test

Click the following link and take the optimized test as noted.

- [Create and Manage Group Policy](#)

Configure Hyper-V

The content and practice provided in this section represents **18%** of the total 70-410 exam.

Create and Configure Virtual Machine Settings

This topic addresses the following competency:

- **Competency 4005.1.3: Configure Hyper-V**
The graduate configures settings associated with Hyper-V technology in Windows Server 2012 R2 environment.

Complete Pluralsight Videos:

Prior to viewing the Pluralsight videos for this subject, read **Chapter 9: Use Virtualization in Windows Server 2012** from [Windows Server 2012 Complete Study Guide \(Exams 70-410, 70-411, 70-412, and 70-417\)](#).

View the following selections from [Configure Hyper-V](#):

- Introduction (5m 50s)
- Create and Configure Virtual Machine Settings (57m 0s)

Complete: Practice Labs

Complete the following Practice Lab:

- [Create and Configure Virtual Machine Settings](#)

Review: Additional TechNet Articles



The following link contains some TechNet articles that will help further your understanding of the concepts discussed in this module. This is not all-inclusive, but is a good starting point.

- [70-410: Create and Configure Virtual Machine Settings](#)

Create and Configure Virtual Machine Storage

This topic addresses the following competency:

- **Competency 4005.1.3: Configure Hyper-V**
The graduate configures settings associated with Hyper-V technology in Windows Server 2012 R2 environment.

Complete Pluralsight Videos:

View the following selection from [Configure Hyper-V](#):

- Create and Configure Virtual Machine Storage (54m 44s)

Complete: Practice Labs

Complete the following Practice Lab:

- [Create and Configure Virtual Machine Storage](#)

Review: Additional TechNet Articles

The following link contains some TechNet articles that will help further your understanding of the concepts discussed in this module. This is not all-inclusive, but is a good starting point.

- [70-410: Create and Configure Virtual Machine Storage](#)

Create and Configure Virtual Networks

This topic addresses the following competency:

- **Competency 4005.1.3: Configure Hyper-V**
The graduate configures settings associated with Hyper-V technology in Windows Server 2012 R2 environment.

Complete Pluralsight Videos:

View the following selection from [Configure Hyper-V](#):



- Create and Configure Virtual Networks (42m 13s)

Complete: Practice Labs

Complete the following Practice Labs:

- [Create and Configure Virtual Networks](#)
- [Configure Network Interface Card Teaming in VMs](#)

Review: Additional TechNet Articles

The following link contains some TechNet articles that will help further your understanding of the concepts discussed in this module. This is not all-inclusive, but is a good starting point.

- [70-410: Create and Configure Virtual Networks](#)

Complete: Kaplan IT Optimized Test

Click the following link and take the optimized test as noted.

- [Configure Hyper-V](#)

Kaplan IT Practice Exam

Use the Kaplan IT practice exam to help you prepare for the 70-410 exam.

Kaplan IT Practice Exam

Use the practice exam to gauge your readiness.

Complete: Practice Exam

[Access the Kaplan IT Practice Exams for Cert-70-410](#). Click the Preset Exam Experience button, then complete "Preset: Exam B." This test includes 50 questions and permits 2 hours to complete. Do the best you can, then review your results to check whether you are ready for the final assessment.

Final Steps

Congratulations on completing the activities in this course! You are now prepared to complete the associated assessment. If you have not already been directed to complete it, schedule and complete the assessment now.

First Attempt Checklist



One of the many things that makes WGU unique is its competency-based education model. If you know the material, all you have to do is prove it by passing the exam. If you can do this, you can accelerate the receipt of your degree.

To make sure you have the best chance possible to pass the exam on your first attempt, **the following steps should be completed before you refer to take it:**

1. Find areas of concern

1. Use the Skills Measured section of the exam web page as a roadmap for verifying competency. Print out the Skills Measured section, then cross out those topics with which you are 100% comfortable. Get more study and hands-on practice with the remaining topics.
2. Test your understanding in Kaplan IT on relevant objectives *as you progress*. Use the "Optimize" practice exam option with 5 questions per objective, one objective at a time. Use your own personal lab to practice (where appropriate).

2. Fill the gaps

1. Select the [TechNetlinks](#) when reviewing Kaplan IT questions, for additional information.

3. Get more hands-on practice

1. Consider [installing](#) and [configuring a personal lab using Hyper-V](#).
2. Review the [List of Real World Scenarios](#) and ensure you have completed all scenarios in Chapters 1 through 9.
3. Review the [List of Exercises](#) to ensure you have completed all exercises in Chapters 1 through 9.
4. Complete Practice Labs multiple times to reinforce familiarity.

4. Take a periodic "progressive snapshot"

1. Attempt the random, 50 question Preset Exam from the Kaplan IT to assess your progress. You should score 90% or higher on multiple attempts to be fully prepared.

5. Recommend progress check prior to scheduling assessment:

1. Kaplan IT Preset exam score of 90% or higher.
2. Skillssoft TestPrep exam score of 90% or higher (see access instructions below as optional material.)

6. Relax

1. Take the day off from studying, 24 hours before you take the assessment.

If the first attempt is not successful, you will be required to contact the course instructor to see what went wrong and how you can prepare to ensure a successful second attempt. After determining you are ready, your course instructor will approve your request to make another exam attempt.