



This course supports the assessment for Server Administration. The course covers 6 competencies and represents 6 competency units.

Introduction

This course prepares students for the following certification exam:

- 70-411: Administering 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 4006.1.1: Deploy, Manage, and Maintain Servers**
The graduate develops plans for to deploy, install, and manage servers.
- **Competency 4006.1.2: Configure File and Print Services**
The graduate installs and configures file and print servers and services
- **Competency 4006.1.3: Configure Network Services and Access**
The graduate demonstrates the configuration of network services and access.
- **Competency 4006.1.4: Configure a Network Policy Server Infrastructure**
The graduate configures a network policy server infrastructure.
- **Competency 4006.1.5: Configure and Manage Active Directory**
The graduate configures and manages active directory.
- **Competency 4006.1.6: Configure and Manage Group Policy**
The graduate configures and manages group policies.

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 Server Administration! The 70-411 Administering Windows Server 2012 exam is the second in a series of three exams that test the skills and knowledge necessary to implement a core Windows Server 2012 infrastructure in an existing enterprise environment. Passing this exam, along with the other two exams, confirms you have the skills and knowledge necessary for implementing, managing, maintaining, and provisioning services and infrastructure in a Windows Server 2012 environment.

After you have passed all three 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 systems administrator, or a computer network specialist.

Before beginning this course, you should already have passed the 70-410 Installing and Configuring Windows Server 2012 exam (included in WGU's course C185: Network Policies and Services Management).

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

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!](#)

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 the following instructional video sets provided by Pluralsight:



- Microsoft Windows Server R2 2012 (70-411) Deploy and Manage Servers
- Microsoft Windows Server R2 2012 (70-411) File and Print Services
- Microsoft Windows Server R2 2012 (70-411) Configure Network Services
- Microsoft Windows Server R2 2012 (70-411) Configure Group Policy
- Microsoft Windows Server R2 2012 (70-411) Configure Active Directory
- Microsoft Windows Server R2 2012 (70-411) Network Policy Server
- Microsoft Windows Server R2 2012 (70-411) Deploy and Manage Servers

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 70-411 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 are found throughout the course.

Please review the article with the title, Best Practices for MS Resources in Course Tips (right navigation bar) to learn more about how to use these resources effectively and improve your chances of passing this certification exam on your first attempt. In addition, please feel free to take advantage of the following supplemental resources:

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 70-411 Exam Introduction

Watch the following Pluralsight videos:

- Introduction (21m 5s)



- Building Your 70-411 R2 Environment (16m 29s)

Deploy and Manage Servers

Deploy and Manage Server Images

Watch the following Pluralsight videos:

- Deploy and Manage Server Images (1h 0m)

Complete the following Practice Labs:

- Install and Configure Windows Deployment Services

Review: Additional TechNet Articles:

- 70-411: Deploy, Manage, and Maintain Servers

Implement Patch Management

Watch the following Pluralsight videos:

- Implement Patch Management (46m 52s)

Complete the following Practice Labs:

- Implement Patch Management

Review: Additional TechNet Articles:

- 70-411: Implement Patch Management

Week 2

Deploy and Manage Servers (Continued)

Monitor Servers

Watch the following Pluralsight videos:

- Monitor Servers (46m 9s)

Complete the following Practice Labs:

- Monitor Servers

Review: Additional TechNet Articles:



- 70-411: Monitor Servers

Complete: Kaplan IT Optimized Test:

- Deploy, Manage, and Maintain Servers

Configure Network Services

Configure DNS Zones

Watch the following Pluralsight videos:

- Introduction (6m 25s)
- Configure DNS Zones (36m 55s)

Complete the following Practice Labs:

- Configure DNS Zones

Review: Additional TechNet Articles:

- 70-411: Configure DNS Zones

Configure DNS Records

Watch the following Pluralsight videos:

- Configure DNS Records (39m 10s)

Complete the following Practice Labs:

- Configure DNS Records

Review: Additional TechNet Articles:

- 70-411: Configure DNS Records

Week 3

Configure Network Services (Continued)

Configure VPN and Routing

Watch the following Pluralsight videos:

- Configure VPN and Routing (1h 13m)



Complete the following Practice Labs:

- Configure VPN and Routing

Review: Additional TechNet Articles:

- 70-411: Configure Virtual Private Networking (VPN) and Routing

Configure Direct Access

Watch the following Pluralsight videos:

- Configure Direct Access (54m 3s)

Review: Additional TechNet Articles:

- 70-411: Configure DirectAccess

Complete: Kaplan IT Optimized Test:

- Configure Network Services and Access

Week 4

Configure Active Directory

Configure Account Policies

Watch the following Pluralsight videos:

- Introduction (4m 50s)
- Configure Account Policies (25m 34s)

Complete the following Practice Labs:

- Configure Account Policies

Review: Additional TechNet Articles:

- 70-411: Configure Account Policies

Configure Service Authentication

Watch the following Pluralsight videos:

- Configure Service Authentication (35m 31s)



Complete the following Practice Labs:

- Configure Service Authentication

Review: Additional TechNet Articles:

- 70-411: Configure Service Authentication

Configure Domain Controllers

Watch the following Pluralsight videos:

- Configure Domain Controllers (39m 24s)

Complete the following Practice Labs:

- Configure Domain Controllers

Review: Additional TechNet Articles:

- 70-411: Configure Domain Controllers

Week 5

Configure Active Directory (Continued)

Manage Active Directory

Watch the following Pluralsight videos:

- Manage Active Directory (44m 16s)

Complete the following Practice Labs:

- Maintain Active Directory

Review: Additional TechNet Articles:

- 70-411: Maintain Active Directory

Complete: Kaplan IT Optimized Test:

- Configure and Manage Active Directory

Week 6

File and Print Services



The content and practice provided in this section represents 18% of the total 70-411 exam.

Configure DFS

Watch the following Pluralsight videos:

- Introduction (7m 5s)
- Configure DFS (55m 14s)

Review: Additional TechNet Articles:

- 70-411: Configure Distributed File System (DFS)

Configure File Server Resource Manager (FSRM)

Watch the following Pluralsight videos:

- Configure FSRM (30m 10s)

Complete the following Practice Labs:

- Configure Distributed File System
- Configure File Server Resource Manager

Review: Additional TechNet Articles:

- 70-411: Configure File Server Resource Manager (FSRM)

Configure File and Disk Encryption

Watch the following Pluralsight videos:

- Configure File and Disk Encryption (1h 5m)

Complete the following Practice Labs:

- Configure File and Disk Encryption

Review: Additional TechNet Articles:

- 70-411: Configure File and Disk Encryption

Configure Advanced Audit Policies

Watch the following Pluralsight videos:



- Configure Advanced Audit Policies (18m 21s)

Complete the following Practice Labs:

- Configure Advanced Audit Policy

Review: Additional TechNet Articles:

- 70-411: Configure Advanced Audit Policies

Complete: Kaplan IT Optimized Test

- Configure File and Print Services

Week 7

Configure Group Policy

Configure Group Policy Processing

Watch the following Pluralsight videos:

- Introduction (8m 21s)
- Configure Group Policy Processing (44m 30s)

Complete the following Practice Labs:

- Configure Group Policy Processing

Review: Additional TechNet Articles:

- 70-411: Configure Group Policy Processing

Configure Group Policy Settings

Watch the following Pluralsight videos:

- Configure Group Policy Settings (43m 42s)

Complete the following Practice Labs:

- Configure Group Policy Settings

Review: Additional TechNet Articles:

- 70-411: Configure Group Policy Settings



Kaplan IT Optimized Test will be completed after the next lesson.

Week 8

Manage Group Policy Objects (GPOs)

Watch the following Pluralsight videos:

- Manage GPOs (26m 16s)

Complete the following Practice Labs:

- Manage Group Policy Objects

Review: Additional TechNet Articles:

- 70-411: Manage Group Policy Objects (GPOs)

Configure Group Policy Preferences

Watch the following Pluralsight videos:

- Configure Group Policy Preferences (40m 3s)

Complete the following Practice Labs:

- Configure Group Policy Preferences

Review: Additional TechNet Articles:

- 70-411: Manage Group Policy Objects

Complete: Kaplan IT Optimized Test

- Configure and Manage Group Policy

Week 9

Network Policy Server

Configure Network Policy Server

Watch the following Pluralsight videos:

- Introduction (7m 4s)
- Configure Network Policy Server (53m 25s)



Complete the following Practice Labs

- Configure a Network Policy Server

Review: Additional TechNet Articles:

- 70-411: Configure Network Policy Server

Configure NPS Policies

Watch the following Pluralsight videos:

- Configure NPS Policies (17m 58s)

Review: Additional TechNet Articles:

- 70-411: Configure NPS Policies

Configure Network Access Protection

Watch the following Pluralsight videos:

- Configure Network Access Protection (36m 41s)

Complete the following Practice Labs:

- Configure Network Access Protection

Review: Additional TechNet Articles:

- 70-411: Configure Network Access Protection (NAP)

Complete: Kaplan IT Optimized Test

- Configure a Network Policy Server Infrastructure

Week 10-11

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

Week 12

- Schedule your 70-411 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.

Pretest

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 where you will need to focus your studying.

Skills Measured

Review the "Skills Measured" section of [Microsoft's Exam 70-411 Administering Windows Server 2012 page](#). Expand each of the categories to see detailed expectations and topics.

Pretest

Access the [Kaplan IT Practice Exams for Cert-70-411](#). Click the Preset Exam Experience button, then complete "Preset: Exam A." This test includes 50 questions and allows two hours to complete. Give your best effort, then review your results.

MCSA and the 70-411 Exam Introduction

View the following selections from Windows Server 2012 R2 (70-411) MCSA and the 70-411 Exam:

- [Introduction](#)(21m 5s)
- [Building Your 70-411 R2 Environment](#)(16m 29s)

Deploy, Manage, and Maintain Servers

The content and practice provided in this section represents **16%**of the total 70-411 exam.

Deploy and Manage Server Images

This topic addresses the following competency:

- **Competency 4006.1.1: Deploy, Manage, and Maintain Servers**
The graduate develops plans to deploy, install, and manage servers.

Complete: Pluralsight Video

Prior to viewing the Pluralsight video for this subject, read the following:



- **Chapter 10: Manage and Maintain Servers** from [MCSA: Windows Server 2012 Complete Study Guide \(Exams 70-410, 70-411, 70-412, and 70-417\)](#)

View the following selection from Windows Server 2012 R2 (70-411) Deploy and Manage Servers:

- [Deploy and Manager Server Images](#)(1hr 0m 39s)

Complete: Practice Lab

Complete the following Practice Lab:

- [Install and Configure Windows Deployment 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.

- 70-411: [Deploy, Manage, and Maintain Servers](#)

Implement Patch Management

This topic addresses the following competency:

- **Competency 4006.1.1: Deploy, Manage, and Maintain Servers**
The graduate develops plans to deploy, install, and manage servers.

Complete: Pluralsight Video

View the following selection from Windows Server 2012 R2 (70-411) Deploy and Manage Servers:

- [Implement Patch Management](#)(46m 52s)

Complete: Practice Labs

Complete the following Practice Lab:

- [Implement Patch Management](#)

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.

- 70-411: [Implement Patch Management](#)



Monitor Servers

This topic addresses the following competency:

- **Competency 4006.1.1: Deploy, Manage, and Maintain Servers**
The graduate develops plans to deploy, install, and manage servers.

Complete: Pluralsight Video

View the following selection from Windows Server 2012 R2 (70-411) Deploy and Manage Servers:

- [Monitor Servers](#)(46m 9s)

Complete: Practice Lab

Complete the following Practice Lab:

- [Monitor 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.

- 70-411: [Monitor Servers](#)

Complete: Kaplan IT Optimized Test

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

- [Deploy, Manage, and Maintain Servers](#)

Configure Network Services and Access

The content and practice provided in this section represents **16%** of the total 70-411 exam.

Configure DNS Zones

This topic addresses the following competency:

- **Competency 4006.1.3: Configure Network Services and Access**
The graduate demonstrates the configuration of network services and access.

Complete: Pluralsight Videos



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

- **Chapter 12: Configure DNS** from [MCSA: Windows Server 2012 Complete Study Guide \(Exams 70-410, 70-411, 70-412, and 70-417\)](#)

View the following selections from Windows Server 2012 R2 (70-411) Configure Network Services:

- [Introduction](#) (6m 25s)
- [Configure DNS Zones](#) (36m 55s)

Complete: Practice Lab

Complete the following Practice Lab:

- [Configure DNS Zones](#)

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.

- 70-411: [Configure DNS Zones](#)

Configure DNS Records

This topic addresses the following competency:

- **Competency 4006.1.3: Configure Network Services and Access**
The graduate demonstrates the configuration of network services and access.

Complete: Pluralsight Video

View the following selection from Windows Server 2012 R2 (70-411) Configure Network Services:

- [Configure DNS Records](#) (39m 10s)

Complete: Practice Lab

Complete the following Practice Lab:

- [Configure DNS Records](#)

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.

- 70-411: [Configure DNS Records](#)

Configure Virtual Private Network (VPN) and Routing

This topic addresses the following competency:

- **Competency 4006.1.3: Configure Network Services and Access**
The graduate demonstrates the configuration of network services and access.

Complete: Pluralsight Video

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

- **Chapter 13: Configure Routing and Remote Access** from [MCSA: Windows Server 2012 Complete Study Guide \(Exams 70-410, 70-411, 70-412, and 70-417\)](#)

View the following selection from Windows Server 2012 R2 (70-411) Configure Network Services:

- [Configure VPN and Routing](#) (1hr 13m 49s)

Complete: Practice Lab

Complete the following Practice Lab:

- [Configure VPN and Routing](#)

Review: Additional TechNet Articles

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

- 70-411: [Configure Virtual Private Networking \(VPN\) and Routing](#)

Configure DirectAccess

This topic addresses the following competency:

- **Competency 4006.1.3: Configure Network Services and Access**
The graduate demonstrates the configuration of network services and access.

Complete: Pluralsight Video



View the following selection from Windows Server 2012 R2 (70-411) Configure Network Services:

- [Configure Direct Access](#)(54m 3s)

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.

- 70-411: [Configure DirectAccess](#)

Complete: Kaplan IT Optimized Test

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

- [Configure Network Services and Access](#)

Configure and Manage Active Directory

The content and practice provided in this section represents **13%** of the total 70-411 exam.

Configure Account Policies

This topic addresses the following competency:

- **Competency 4006.1.5: Configure and Manage Active Directory**
The graduate configures and manages Active Directory.

Complete: Pluralsight Videos

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

- **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 Windows Server 2012 R2 (70-411) Configure Active Directory:

- [Introduction](#)(4m 50s)
- [Configure Account Policies](#)(25m 34s)

Complete: Practice Lab

Complete the following Practice Lab:

- [Configure Account 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.

- 70-411: [Configure Account Policies](#)

Complete: Kaplan IT Optimized Test

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

- [Configure and Manage Active Directory](#)

Configure Service Authentication

This topic addresses the following competency:

- **Competency 4006.1.5: Configure and Manage Active Directory**
The graduate configures and manages Active Directory.

Complete: Pluralsight Video

View the following selection from Windows Server 2012 R2 (70-411) Configure Active Directory:

- [Configure Service Authentication](#)(35m 31s)

Complete: Practice Lab

Complete the following Practice Lab:

- [Configure Service Authentication](#)

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.

- 70-411: [Configure Service Authentication](#)

Configure Domain Controllers

This topic addresses the following competency:

- **Competency 4006.1.5: Configure and Manage Active Directory**
The graduate configures and manages Active Directory.



Complete: Pluralsight Video

View the following selection from Windows Server 2012 R2 (70-411) Configure Active Directory:

- [Configure Domain Controllers](#)(39m 24s)

Complete: Practice Lab

Complete the following Practice Lab:

- [Configure Domain Controllers](#)

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.

- 70-411: [Configure Domain Controllers](#)

Maintain Active Directory

This topic addresses the following competency:

- **Competency 4006.1.5: Configure and Manage Active Directory**
The graduate configures and manages Active Directory.

Complete: Pluralsight Video

View the following selection from Windows Server 2012 R2 (70-411) Configure Active Directory:

- [Maintain Active Directory](#)(44m 16s)

Complete: Practice Lab

Complete the following Practice Lab:

- [Maintain Active Directory](#)

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.

- [70-411: Maintain Active Directory](#)



Configure File and Print Services

The content and practice provided in this section represents **18%** of the total 70-411 exam.

Configure Distributed File System (DFS)

This topic addresses the following competency:

- **Competency 4006.1.2: Configure File and Print Services**
The graduate installs and configures file and print services

Complete: Pluralsight Videos

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

- **Chapter 11: Manage File Services** from [MCSA: Windows Server 2012 Complete Study Guide \(Exams 70-410, 70-411, 70-412, and 70-417\)](#)

View the following selections from Windows Server 2012 R2 (70-411) File and Print Services:

- [Introduction](#) (7m 5s)
- [Configure DFS](#) (55m 14s)

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.

- 70-411: [Configure Distributed File System \(DFS\)](#)

Configure File Server Resource Manager (FSRM)

This topic addresses the following competency:

- **Competency 4006.1.2: Configure File and Print Services**
The graduate installs and configures file and print servers and services.

Complete: Pluralsight Video

View the following selection from Windows Server 2012 R2 (70-411) File and Print Services:

- [Configure FSRM](#) (30m 10s)



Complete: Practice Labs

Complete the following Practice Labs:

- [Configure Distributed File System](#)
- [Configure File Server Resource Manager](#)

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.

- 70-411: [Configure File Server Resource Manager \(FSRM\)](#)

Configure File and Disk Encryption

This topic addresses the following competency:

- **Competency 4006.1.2: Configure File and Print Services**
The graduate installs and configures file and print servers and services

Complete: Pluralsight Video

View the following selection from Windows Server 2012 R2 (70-411) File and Print Services:

- [Configure File and Disk Encryption](#)(1hr 5m 27s)

Complete: Practice Lab

Complete the following Practice Lab:

- [Configure File and Disk Encryption](#)

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.

- 70-411: [Configure File and Disk Encryption](#)

Configure Advanced Audit Policies

This topic addresses the following competency:



- **Competency 4006.1.2: Configure File and Print Services**
The graduate installs and configures file and print servers and services

Complete: Pluralsight Video

View the following selection from Windows Server 2012 R2 (70-411) File and Print Services:

- [Configure Advanced Audit Policies](#)(18m 21s)

Complete: Practice Lab

Complete the following Practice Lab:

- [Configure Advanced Audit Policy](#)

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.

- 70-411: [Configure Advanced Audit Policies](#)

Complete: Kaplan IT Optimized Test

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

- [Configure File and Print Services](#)

Configure and Manage Group Policy

The content and practice provided in this section represents **15%** of the total 70-411 exam.

Configure Group Policy Processing

This topic addresses the following competency:

- **Competency 4006.1.6: Configure and Manage Group Policy**
The graduate configures and manages group policies.

Complete: Pluralsight Videos

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

- **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 Windows Server 2012 R2 (70-411) Configure Group Policy:

- [Introduction](#)(8m 21s)
- [Configure Group Policy Processing](#)(44m 30s)

Complete: Practice Lab

Complete the following Practice Lab:

- [Configure Group Policy Processing](#)

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.

- 70-411: [Configure Group Policy Processing](#)

Configure Group Policy Settings

This topic addresses the following competency:

- **Competency 4006.1.6: Configure and Manage Group Policy**
The graduate configures and manages group policies.

Complete: Pluralsight Video

View the following selection from Windows Server 2012 R2 (70-411) Configure Group Policy:

- [Configure Group Policy Settings](#)(43m 42s)

Complete: Practice Lab

Complete the following Practice Lab:

- [Configure Group Policy 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.

- 70-411: [Configure Group Policy Settings](#)

Manage Group Policy Objects (GPO's)



This topic addresses the following competency:

- **Competency 4006.1.6: Configure and Manage Group Policy**
The graduate configures and manages group policies.

Complete: Pluralsight Video

View the following selection from Windows Server 2012 R2 (70-411) Configure Group Policy:

- [Manage GPOs](#)(26m 16s)

Complete: Practice Lab

Complete the following Practice Lab:

- [Manage 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.

- 70-411: [Manage Group Policy Objects \(GPOs\)](#)

Configure Group Policy Preferences

This topic addresses the following competency:

- **Competency 4006.1.6: Configure and Manage Group Policy**
The graduate configures and manages group policies.

Complete: Pluralsight Video

View the following selection from Windows Server 2012 R2 (70-411) Configure Group Policy:

- [Configure Group Policy Preferences](#)(40m 3s)

Complete: Practice Lab

Complete the following Practice Lab:

- [Configure Group Policy Preferences](#)

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.

- 70-411: [Manage Group Policy Objects](#)

Complete: Kaplan IT Optimized Test

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

- [Configure and Manage Group Policy](#)

Configure a Network Policy Server Infrastructure

The content and practice provided in this section represents **20%**of the total 70-411 exam.

Configure Network Policy Server (NPS)

This topic addresses the following competency:

- **Competency 4006.1.4: Configure a Network Policy Server Infrastructure**
The graduate configures a network policy server infrastructure.

Complete: Pluralsight Videos

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

- **Chapter 14: Configure a Network Policy Server Infrastructure**from [MCSA: Windows Server 2012 Complete Study Guide \(Exams 70-410, 70-411, 70-412, and 70-417\)](#)

View the following selections from Windows Server 2012 R2 (70-411) Network Policy Server:

- [Introduction](#)(7m 4s)
- [Configure Network Policy Server](#)(53m 25s)

Complete: Practice Lab

Complete the following Practice Lab:

- [Configure a Network Policy Server](#)

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.



- 70-411: [Configure Network Policy Server](#)

Configure NPS Policies

This topic addresses the following competency:

- **Competency 4006.1.4: Configure a Network Policy Server Infrastructure**
The graduate configures a network policy server infrastructure.

Complete: Pluralsight Video

View the following selection from Windows Server 2012 R2 (70-411) Network Policy Server:

- [Configure NPS Policies](#)(17m 58s)

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.

- 70-411: [Configure NPS Policies](#)

Configure Network Access Protection (NAP)

This topic addresses the following competency:

- **Competency 4006.1.4: Configure a Network Policy Server Infrastructure**
The graduate configures a network policy server infrastructure.

Complete: Pluralsight Video

View the following selection from Windows Server 2012 R2 (70-411) Network Policy Server:

- [Configure Network Access Protection](#)(36m 41s)

Complete: Practice Lab

Complete the following Practice Lab:

- [Configure Network Access Protection](#)

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.



- 70-411: [Configure Network Access Protection \(NAP\)](#)

Complete: Kaplan IT Optimized Test

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

- [Configure a Network Policy Server Infrastructure](#)

Kaplan IT Practice Exam

Use the Kaplan IT practice exam to help you prepare for the 70-411 exam.

Kaplan IT Practice Exam

Use the practice exam to gauge your readiness.

Complete: Practice Exam

Access the [Kaplan IT Practice Exams for Cert 70-411](#). Click the Preset Exam Experience button, then complete "Preset: Exam B." This test includes 50 questions and allows two hours to complete. Give it your best effort, 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 successfully before you 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 five questions per objective, one objective at a time. Use your own personal lab to practice (where appropriate).
2. **Fill the gaps**
 1. Select the [TechNet](#) links 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. [Microsoft Lab Setup Guide](#)
 3. Review the [List of Real World Scenarios](#) and ensure you have completed all scenarios in Chapters 10 through 16.
 4. Review the [List of Exercises](#) to ensure you have completed all exercises in Chapters 10 through 16.
 5. Complete Practice Labs multiple times to reinforce familiarity.
4. **Take a periodic "progress snapshot"**
 1. Attempt the random 50-question Preset Exam from Kaplan IT to assess your progress. To be fully prepared, you should score 90% or higher on multiple attempts.
5. **Recommended progress check prior to schedule assessment:**
 1. Kaplan IT Preset exam score of 90% or higher.
 2. Skillsoft TestPrep exam score of 90% or higher (see access instructions below as optional material).
6. **Relax**
 1. 24 hours before you take the assessment, take a day off from studying.

If you do not pass your first attempt, 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. **Why not contact a course instructor before your first attempt?**