

# Microsoft Windows Server 2012 Installation and Configuration (70-410)

Learn to configure and manage Windows Server 2012 in this intermediate Windows Server training. Gain skills for implementing infrastructure, configuring Hyper-V, Active Directory, and Group Policy. This course covers the MCSA 70-410, 70-411, and 70-412 exam topics, and contains practical knowledge ideal for admins working with Server 2012 environments. Prepare for senior IT roles with essential server skills.

[CBT Nuggets course material](#) →

## WEEK 1

### Microsoft Windows Server 2012: Installing and Configuring (70-410): Introduction 160 min.

Supplemental File 1

Introduction to 70-410: Installing and Configuring Windows Server 2012 R2 1

### Microsoft Windows Server 2012: Installing and Configuring (70-410): Install and Configure Servers

Plan for a Server Installation 8

Install Windows Server 7

Install Server Core 6

Plan for a Server Upgrade 5

Plan for Server Roles 17

Migrate Roles 5

Features on Demand 15

Configure Server Core 16

Convert Server Core to/from Full GUI 8

Delegate Administration 7

Configure NIC Teaming 10

Configure Services 10

Deploy Roles on Remote Servers 12

Add and Remove Features in Offline Images 16

Configure PowerShell Desired State Configuration 16

## WEEK 2

152 min.

Configure MBR and GPT Disks 18

Configure Basic and Dynamic Disks 9

Manage Volumes 10

Create and Mount VHDs	7
Design Storage Spaces	8
Configure Storage Pools	16
Create Storage Pools by Using Disk Enclosures	4

**Microsoft Windows Server 2012: Installing and Configuring (70-410): Configure Server Roles and Features**

The Configure Server Roles and Features Section	5
Create and Configure Shares	13
Configure Share Permissions	15
Configure NTFS Permissions	11
Configure Access-based Enumeration	8
Configure Volume Shadow Copy Service	9
Configure NTFS Quotas	10
Configure Offline Files	9

**WEEK 3**

**152 min.**

Configure Work Folders	15
Configure Enterprise Print Management	13
Configure Drivers and the Easy Print Driver	14
Configure Printer Pooling	9
Configure Print Priorities	7
Configure Printer Permissions	8
Configure WinRM	12
Configure Down-level Server Management	12
Configure Servers for Day-to-Day Management Tasks	12
Configure Multi-server Management	10
Configure Server Core	5

Configure Windows Firewall	14
Manage Non-domain Joined Servers	8

**Microsoft Windows Server 2012: Installing and Configuring (70-410): Configure Hyper-V**

The Configure Hyper-V Section	6
Hyper-V Fundamentals	7

**WEEK 4**

**153 min.**

Create and Configure Generation 1 and 2 Virtual Machines	14
Configure Dynamic Memory	12
Configure Smart Paging	7
Configure Resource Metering	9
Configure Guest Integration Services	8
Configure Enhanced Session Mode and RemoteFX	8
Create VHDs and VHDXs	14
Create Differencing Drives	12
Modify VHDs	11
Configure Pass-through Disks	4
Manage Checkpoints	10
Implement a Virtual Fibre Channel Adapter	6
Configure Storage Quality of Service	13
Configure Hyper-V Virtual Switches	9
Optimize Network Performance	8
Configure MAC Addresses	8

**WEEK 5**

**152 min.**

Configure Network Isolation	6
Configure Synthetic and Legacy Virtual Network Adapters	8
Configure NIC Teaming in Virtual Machines	7

**Microsoft Windows Server 2012: Installing and Configuring (70-410): Deploy and Configure Core Network Services**

The Deploy and Configure Core Network Services Section	3
IP Fundamentals	16
Configure IP Address Options	14
Configure Interoperability between IPv4 and IPv6	14
DHCP Fundamentals	14
Authorize DHCP Server	5
Create and Configure Scopes	11
Configure DHCP Options	9
Configure a DHCP Reservation	6
Configure Client and Server for PXE Boot	9
Configure DHCP Relay Agent	17
DNS Fundamentals	13

**WEEK 6**

**153 min.**

Configure Active Directory Integration of Primary Zones	17
Configure Forwarders and Root Hints	9
Create A and PTR Resource Records	10

**Microsoft Windows Server 2012: Installing and Configuring (70-410): Install and Administer Active Directory**

Manage DNS Cache	10
The Install and Administer Active Directory Section	7
Active Directory Fundamentals	17
Install Domain Controllers	21
Create and Manage Active Directory Users and Computers	31
Create and Manage Active Directory Groups and OUs	27
The Create and Manage Group Policy Section	4

**WEEK 7**

**88 min.**

Create Group Policy Objects	21
Configure Security Policies	24
Configure Application Restriction Policies	21
Configure Windows Firewall	17
Good Luck!	4