

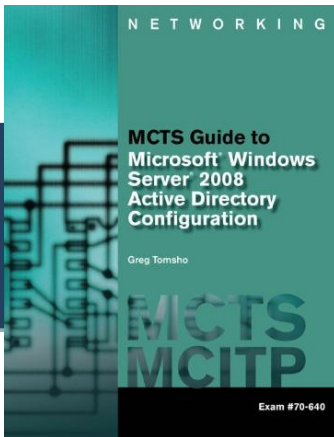
# Chapter 1

## Introducing Windows Server 2008

### Lab Timetable and Known Issues

Lab	Time	Issues
1-1	10 min	None
1-2	10 min	None
1-3	15 min	The HELP for System Tools, Storage, and Services and Applications all link to the same "Microsoft Management Console 3.0"
1-4	10 min	Step #6 – Click OK for adding the Task Scheduler snap-in, instead of Finish.
1-5	15 min	<p><b>Note: You must either have unallocated space (at least 500MB) on Disk 0 or a second unallocated disk (Disk 1)</b></p> <p>Step #7 - If you are using Disk 1 instead of Disk 0, you may need to bring it online and/or initialize Disk 1. If so, right click on Disk 1 and then click Online. Right click again to initialize disk before using the New Simple Volume Wizard.</p>
1-6	15 min	None
1-7	15 min	None
1-8	15 min	None
1-9	10 min	None

**Total Time:** 1hr 55 min

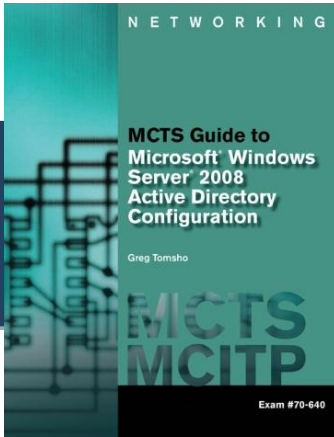


## Chapter 2

### Installing Windows Server 2008

#### Lab Timetable and Known Issues

Lab	Time	Issues
2-1	45 min	Use ServerXX for labs 2-1 thru 2-6. Step #4 – Do not enter a product key. Instead, uncheck the box next to “Automatically activate Windows when I’m online”. A message box opens asking whether you want to enter a key – click <b>No</b> and continue with the installation.
2-2	10 min	None
2-3	10 min	Step #6 – Use 192.168.100.250 for the default gateway.
2-4	10 min	None
2-5	10 min	None
2-6	20 min	Skip steps #9 & 10
2-7	30+ min	Use ServerCoreXX for labs 2-7 thru labs 2-13. Step #3 - Do not enter a product key. Instead, uncheck the box next to “Automatically activate Windows when I’m online”. A message box opens asking whether you want to enter a key – click <b>No</b> and continue with the installation.
2-8	5 min	None
2-9	5 min	None
2-10	10 min	Step #5 - Use 192.168.100.250 for the default gateway.
2-11	10 min	Step #3 – The address for the default gateway should be 192.168.100.250
2-12	10 min	None
2-13	10 min	Skip this lab.
2-14	15 min	Skip this lab.
2-15	10 min	Skip this lab.
2-16	45 min	Skip this lab.
2-17	30 min	Skip this lab.
		<b>Total Time:</b> 4hr 45 min



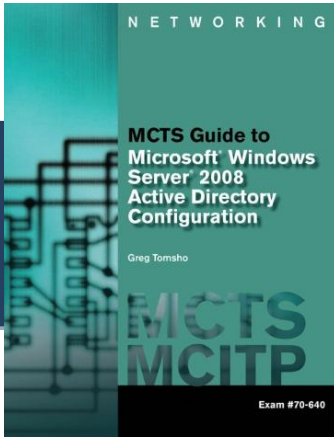
## Chapter 3

### Introducing Active Directory

#### Lab Timetable and Known Issues

Lab	Time	Issues
3-1	15 min	<p><b>Step #11:</b> Make sure to change the <b>XX</b> in the name of the domain to your station number</p> <p style="text-align: center;">Example: W2k8ad<b>25</b>.com</p> <p><b>Step #13:</b> A pop-up appears stating that you are using a dynamically assigned IP address. Although Ipv4 address is static, the pop-up is detecting that your Ipv6 is still dynamically assigned. Choose the option that starts with "Yes," to continue.</p>
3-2	10 min	None
3-3	15 min	None
3-4	15 min	None
3-5	10 min	None
3-6	10 min	None
3-7	10 min	None
3-8	25 min	None
3-9	30 min	None
3-10	30 min	<b>Step #21</b> - After changing the group policy, it may take a few minutes before it is applied.

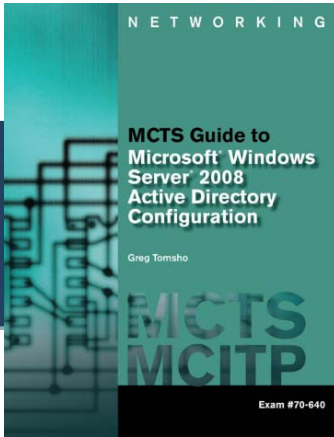
**Total Time:** 2hr 50 min



# Chapter 4

## Active Directory Design and Security Concepts

Lab Timetable and Known Issues		
Lab	Time	Issues
4-1	10 min	None
4-2	10 min	None
4-3	15 min	None
4-4	15 min	None
4-5	15 min	None
4-6	15 min	None
4-7	5 min	None
4-8	5 min	None
4-9	5 min	None
<b>Total Time: 1hr 35 min</b>		

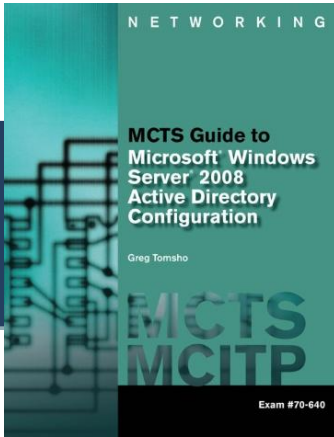


# Chapter 5

## Account Management

### Lab Timetable and Known Issues

Lab	Time	Issues
<b>General Note:</b> Students will need to login as administrator like this: <b>w2k8adxx\administrator</b> . If you type only administrator it will assume that you want to login as administrator for the local computer		
5-1	15 min	None
5-2	10 min	None
5-3	10 min	Step #6 - <b>Account is disabled</b> will be clear no matter if all of the users are disabled, mixed, or not disabled. To make sure that all accounts are not disabled, you must click the box in the left column and then click on Apply.
5-4	10 min	None
5-5	10 min	The Vista computer will need an IP address in the same network as ServerXX and the Vista computer's DNS address must be the address of ServerXX. After logging on to your Vista machine, go to the <b>Network and Sharing Center</b> and change the address of your Local Area Connection to <b>192.168.100.XX+50</b> , use 192.168.100.250 for the default gateway, and the address of ServerXX for the DNS server.
5-6	10 min	None
5-7	30 min	Step #13 - Profile background may be black.
5-8	15 min	Step #16 – Please do this additional step to delete the roaming default profile so Activities 7-9 and 7-19 will work correctly. On your server, open the netlogon share: click Start and type <b>\\ServerXX\netlogon</b> in the Start Search box and press <b>Enter</b> . Delete the default roaming profile folder by clicking <b>Default User.v2</b> and pressing <b>Delete</b> . Click <b>Yes</b> on all the subsequent prompts.
5-9	20 min	None
5-10	20 min	None
5-11	20 min	None
5-12	10 min	None
5-13	10 min	None
5-14	10 min	None
<b>Total Time:</b> 3hr 20 min		



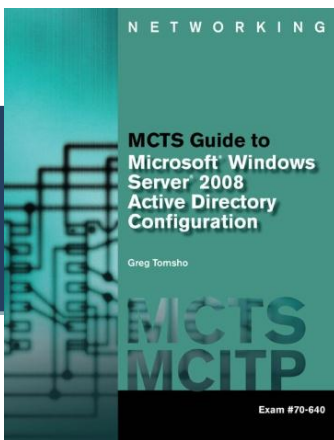
# Chapter 6

## Windows File and Print Services

### Lab Timetable and Known Issues

Lab	Time	Issues
6-1	10 min	None
6-2	15 min	Step #1 - Password for testuser1 should be Password02.
6-3	10 min	Step #5 - Password for testuser1 should be Password02.
6-4	15 min	Step #8 - Click to open the <b>Shared</b> folder in the left pane, if necessary. Right-click empty space in the right pane, point to <b>New</b> , and click <b>Text Document</b> .
6-5	10 min	Step #1 - Password for testuser1 should be Password02.
6-6	10 min	None
6-7	20 min	Step #1 - Password for testuser1 should be Password02.
6-8	10 min	None
6-9	20 min	Step #8 - Password for testuser1 should be Password02.
6-10	20 min	If user has "user must change password at next login" unchecked then they will not be prompted to change password
6-11	15 min	None
6-12	15 min	None
6-13	15 min	Step #5 - Different message than just access denied.
6-14	15 min	You receive a different message than "Access Denied" when trying to access the salesconf folder
6-15	15 min	None
6-16	15 min	None
6-17	15 min	None
6-18	10 min	None
6-19	10 min	Step #3 & 6 - Print test page not listed after right clicking the printer. Open printer dialog box and click print test page

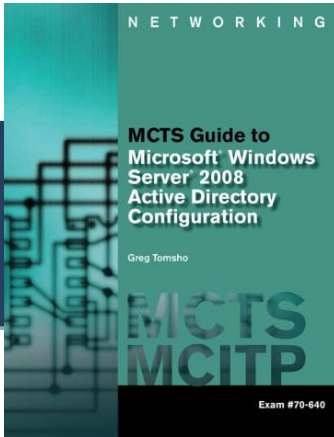
**Total Time:** 4hr 25 min



# Chapter 7

## Configuring Group Policy

Lab Timetable and Known Issues		
Lab	Time	Issues
7-1	15 min	<b>Step #1:</b> Local Administrator account may be disabled in VistaXX. If so, then you must use VistaXX\CNT. <b>Step #9:</b> Close the mmc when you are done. When asked if you want to save, choose <b>No</b> .
7-4	15 min	<b>Step 13:</b> TestOUGPO was never linked to TestGP1. Only TestGP1GPO should be linked to TestGP1.
7-5	20 min	None
7-6	20 min	<b>Step 4 &amp; 10</b> - There is no <b>Policies</b> folder – from <b>Computer Configuration</b> , click on <b>Administrative Templates</b> .
7-7	10 min	None
7-8	15 min	None
7-9	15 min	None
7-10	20 min	<b>Step #6 &amp; 7</b> - Sync Toy 1.4 is no longer available and the new version requires three msi files to completely install the program. You can usually find a version of Firefox in an msi – go to: <a href="http://www.frontmotion.com/Firefox/download_firefox.htm">http://www.frontmotion.com/Firefox/download_firefox.htm</a>
7-11	15 min	None
7-12	15 min	None
7-13	10 min	None
7-14	10 min	None
7-15	12 min	None
7-16	10 min	None.
7-17	15 min	<b>Step# 9:</b> Active Directory Users and Computers must be displaying Advanced Features View to see the System folder.
7-18	20 min	<b>Step #9:</b> Before creating the file, the “hide file extensions” property must be cleared – for instructions, refer to Activity 6-9: Step#3
7-19	15 min	None
7-20	5 min	None
7-21	10 min	None
7-22	15 min	<b>Step#5 : Path is not correct – the security database file is stored in the documents folder.</b> <b>Use</b> cd \users\administrator.w2k8ad50\documents\security\database <b>not</b> cd \users\administrator.w2k8ad50\security\database.
7-23	5 min	None
7-24	10 min	<b>Step# 5:</b> If Automatic Updates are enabled on your machine then you may have already received this update. Instead of completing the installation you will get a message that says, “The update does not apply to your system”. Click OK.
7-25	5 min	None
7-26	3 min	None



## Chapter 8

### Introduction to Windows Networking

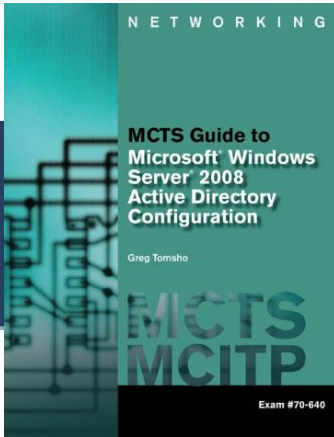
#### Lab Timetable and Known Issues

Lab	Time	Issues
8-1	4 min	None
8-2	10 min	None
8-3	10 min	None
8-4	2 min	None
8-5	2 min	None
8-6	15 min	Step #4: When you open the Network and Sharing Center, if Network Discovery is turned off, you must enable it before continuing with the step.
8-7	15 min	None
8-8	5 min	None

**Total Time:** 1hr 3min

<http://books.tomsho.com>

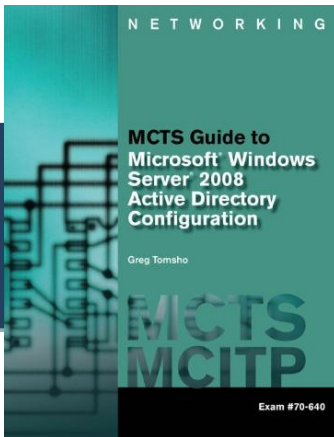




# Chapter 9

## Configuring DNS for Active Directory

Lab Timetable and Known Issues		
Lab	Time	Issues
9-1	35 min	None
9-2	5 min	None
9-3	15 min	<p><b>Step #12-15:</b> You may not see any NS records or the GTLD servers. When you install DNS on Windows Server 2008, if the IP configuration already has a DNS server address configured, Windows Server 2008 automatically installs that address as a DNS Forwarder.</p> <p>To fix this: right-click <b>ServerXX</b> in DNS Manager and click <b>Properties</b>. Click the <b>Forwarders</b> tab. If a forwarder is listed, click <b>Edit</b>. Click the IP address of each forwarder and click <b>Delete</b>.</p>
9-4	10 min	None
9-5	6 min	None
9-6	2 min	None
9-7	13 min	<p><b>Step #14:</b> After typing in the FQDN, rather than click Resolve, you should type in the IP address of Server1XX.</p>
9-8	8 min	None
9-9	3 min	None
9-10	5 min	None
<b>Total Time: 1hr 42min</b>		

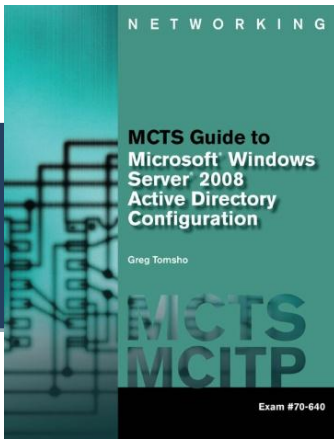


# Chapter 10

## Configuring and Maintaining the Active Directory Infrastructure

### Lab Timetable and Known Issues

Lab	Time	Issues
10-1	4 min	None
10-2	30 min	In order to demote the DC, you will need to first enter a forwarder on Server1XX that points to ServerXX. <b>Step #6:</b> Your server will NOT be a member server; it will be a standalone server. <b>Step #8:</b> Logon to the local computer as Administrator not using W2k8adXX\Administrator. <b>Step #11:</b> Same as Step #8. <b>Step #14:</b> Same as Step #8.
10-3	16 min	None
10-4	6 min	None
10-5	5 min	None
10-6	15 min	<b>Step #11:</b> The ip address that you enter should be 192.168.100.2XX
10-7	2 min	None
10-8	4 min	None
10-9	10 min	None
10-10	7 min	None
10-11	5 min	None
10-12	2 min	None
10-13	11 min	None
10-14	15 min	<b>Step #4:</b> ServerXX may not show in the "Replicate To" text box – either wait a minute or logoff and back on. <b>Step #9:</b> The schedule might not have changed – you may have to wait a minute, or logoff and back on, or possibly restart for the changes to show.
10-15	4 min	<b>Step #4:</b> Both Site100 and Site200 are already listed in the "Sites in this site link" box, therefore no changes need to be made.
10-16	2 min	None
10-17	2 min	None
		<b>Total Time:</b> 2hr 20min



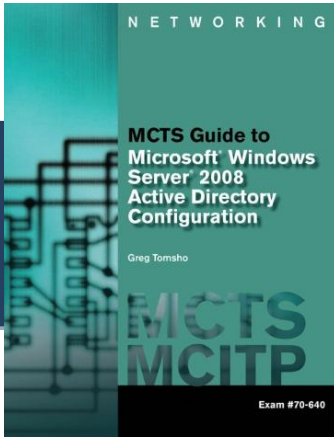
# Chapter 11

## Active Directory Certificate Services

### Lab Timetable and Known Issues

Lab	Time	Issues
11-1	30 min	If you completed labs #10-16 and #10-17, then you must transfer the roles back to ServerXX before you begin this lab.
11-2	15 min	None
11-3	8 min	None
11-4	5 min	None
11-5	35 min	<b>Step #1:</b> The password for salesperson1 is not listed – it is Password02. <b>Step #4:</b> It may take several minutes for the certificate to be issued.
11-6	13 min	<b>Step #10:</b> The second sentence should read “Right-click <b>Default Web Site</b> and click <b>Edit Bindings.</b> ”
11-7	4 min	None
11-8	5 min	None
11-9	3 min	None
11-10	3 min	None
11-11	5 min	None
11-12	3 min	None

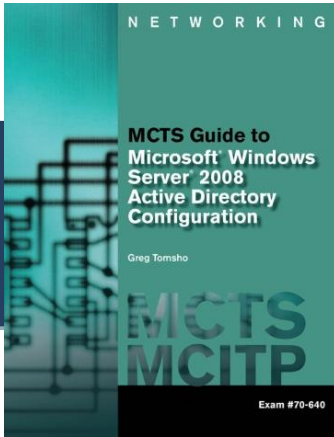
**Total Time: 2 hr 9 min**



## Chapter 12

### Additional Active Directory Server Roles

Lab Timetable and Known Issues		
Lab	Time	Issues
12-1	8 min	None
12-2	9 min	None
12-3	6 min	None
12-4	3 min	None
12-5	15 min	When trying to install an RODC on Server1XX, you may have trouble with DNS not functioning properly if IPv6 is enabled. Before starting the lab, make sure that IPv6 is disabled in the Network Connections properties.
12-6	15 min	None
12-7	8 min	None
12-8	4 min	None
<b>Total Time: 1 hr 8 min</b>		



# Chapter 13

## Server Management and Monitoring

### Lab Timetable and Known Issues

Lab	Time	Issues
13-1	4 min	None
13-2	14 min	None
13-3	8 min	None
13-4	14 min	None
13-5	35 min	None
13-6	13 min	None
13-7	3 min	None
13-8	6 min	None
13-9	13 min	None
13-10	7 min	None
13-11	5 min	<b>Step #3:</b> The first sentence should read : “To join the domain, type <b>netdom join ServerCoreXX /domain:w2k8adXX.com /user:administrator /passwordd:Password01</b> and press <b>Enter.</b> ”
13-12	17 min	<b>Step #3:</b> The end of the command should not have a space, it should read, “ <b>/SafeModeAdminPassword:Password01</b> ” <b>Step #8:</b> When using nslookup, the ip address of the default server will be returned but not the name of the server due to the lack of a reverse lookup zone on Server50.
13-13	10 min	None
<b>Total Time: 2 hr 29 min</b>		