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|  | 420-536 Windows Networking |  | Worth 3% |
| Winter 2017 |  |  |

Assignment #4b: Configuring Remote Server Administration

# Configuring Remote Server Administration

## **This Assignment Contains The Following Exercises And Activities:**

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| **Part #1** | Adding Servers to Server Manager |
| **Part #2** | Working with Remote Servers |
| **Lab Challenge** | Configuring Windows Firewall |
| **Part #3** | Using Remote Server Administration Tools |

## Working with the Submission Worksheets

Each part of this assignment requires that you answer questions, create screen shots, and perform other activities that you will document in the workbook attached to the assignment. As you perform the exercises in each part, open the appropriate worksheet, fill in the required information, and save the file to your drive.

## After completing this assignment, you will be able to**:**

* Configure Server Manager to administer multiple servers
* Use the Remote Server Administration Tools to manage a domain controller
* Install roles and features on a remote server

# Part #1: Adding Servers to Server Manager

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| Overview | In this exercise, you add servers to a member server’s Server Manager interface, so you can install roles and features on any server, as well as perform other administration tasks. |
| Mindset | How do you use the Server Manager application on a single computer to manage multiple servers? |

1. Log on to your member server with the **Administrator.**
2. Open server manager, in the left pane, click All Servers. The All Servers home page appears, displaying only the local server.
3. Add your other server to the page.
4. The remote server should now appear in the Servers tile.
5. Take a screen shot of the Server Manager console showing the Servers tile with the server you just added, paste it into the worksheet file as **screenshot #1**.

# Part #2: Working with Remote Servers

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| Overview | In this exercise, you use Server Manager to connect to another server on the network and try to access the Computer Management console. |
| Mindset | How do you use the Server Manager application on a single computer to manage multiple servers? |

1. Using the same (member) server, in Server Manager, add the DHCP server role to your **domain controller**
2. In Server Manager, click the Tools menu.

**Question**

***Question #1****: Why does the DHCP Manager console not appear in the Tools menu if you have previously installed the Web Server (IIS) role?*

1. Login to your other server.

***Question #2:*** *How can you tell that the DHCP role has been successfully installed on the remote server?*

1. Take a screen shot of the Server Manager console showing the DHCP role has been installed. Paste the screenshot into the worksheet file as **screenshot #2**
2. From your member server, in Server Manager, click the All Servers icon.
3. In the Servers tile, right-click the remote server (DC) and, from the context menu, select Restart Server.
4. Go for it.

**Question**

**3**

***Question #3:*** *What must you do to enable the Computer Management console to connect to SVR-MBR-B?*

End of exercise. Close any open windows before you begin the next exercise.

Lab

Challenge Configuring Windows Firewall

# Lab Challenge: Configuring Windows Firewall

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| Overview | Although Server Manager can install roles and perform certain  management functions on remote servers, the default Windows  Firewall settings prevent Microsoft Management Console (MMC)  snap-ins from connecting to remote servers. |

To complete this lab, you must configure Windows Firewall on your Domain Controller VM so that the

Computer Management console running on your member server can connect to it.

Then, from your member server take a screen shot of the Computer Management console on the –DC server, after selecting Event Viewer in the left pane, showing the connection to the remote server. Paste the image in the worksheet file as **screenshot #3**