

Name: \_\_\_\_\_

Date Started: \_\_\_\_\_

Date Finished: \_\_\_\_\_

## Lab 1: Creating a Security Template

### Objectives:

1. Power up the Virtual machine
2. Create a security template

### Requirements:

1. Please take a screen record of this activity with your face on it, save it to your Google Drive.
3. Screen shots all the windows configuration.
4. Label the necessary result in the configuration.
5. Display the Result for each Steps.

### Background / Scenario

While the Security Configuration Wizard does a good job of selecting role-based security settings, it does not address a few security settings. These settings include account policies, IPsec settings, and restriction of security group membership. Furthermore, the Security Configuration Wizard is not designed to allow a server administrator or system auditors to determine quickly and easily whether a server follows the set of standard security settings often mandated by company management or legal-regulations.

**Note:** You will need installation privileges and some knowledge of the process to install Windows server 2012 R2.

### Required Resources

- PC
- VM Virtual Manager
- Windows Server 2012 R2

## STEP 1. Power up the Virtual Machine

1. Power the Virtual Box by clicking Start, then run the Server.

2. Click the Start window, log in to Administrator and provide the Password.
3. Hit the Windows button then Click search and type Rename this Computer.
4. Click Change and name your PC same as the Server Name IAS4112
5. Click OK, Click Close
6. Click Restart Now.

## **STEP 2: Create a Security Template that has single policy.**

1. Click Ctrl Del or Click Input then Keyboard, choose Ctrl+Alt+Del, Log into the Server Administrator, then provide the password. You land on the Server Manager Dashboard.
2. Open a command prompt window and type mmc, and press Enter. This launches a Microsoft Management Console, a utility that allows the creating of custom tool sets.
3. From the File menu, click Add/Remove Snap-in.
4. In the Available snap-ins box, scroll down and select Security Templates and click Add. The Security Templates tool appears in the Selected snap-ins box.
5. In the Available snap-ins box, select Security Configuration and Analysis click Add to move it to the Selected snap-ins box, and click OK.
6. From the File menu, select Save As, In the File name box, type Security Configuration and Templates and save the console to your PC4112 folder.
7. If necessary, expand the Security Templates node in the left pane to expose the Template folder.
8. Right-click the Templates folder and select New Template name.
9. Enter Restricted Enterprise Admins Group in the Template name box and enter Maintain the membership of the Enterprise Admins group in the Description box. Click OK.

**Answer the question below.**

1. Describe the functions available in the Windows Server 2012 Security Configuration Wizard in creating security template.

