Lab Answer Key: Module 11: Implementing Group Policy

Lab: Implementing Group Policy

Exercise 1: Configuring a Central Store

Task 1: View the location of administrative templates in a Group Policy Object (GPO)

1. Sign in to LON-DC1 as Administrator with a password of Pa$$w0rd.
2. In Server Manager, click Tools, and then click Group Policy Management.
3. In the Group Policy Management Console (GPMC), expand Forest: Adatum.com, expand Domains, expand Adatum.com, and then expand the Group Policy Objects folder.
4. Right-click the Default Domain Policy, and then click Edit. This opens the Group Policy Management Editor window.
5. In the Group Policy Management Editor window, expand the Default Domain Policy, under User Configuration, expand Policies, and then click Administrative Templates.
6. Point to the Administrative Templates folder, and note that the location is Administrative Templates: Policy definitions (.admx files) retrieved from the local computer.
7. Close the Group Policy Management Editor window.

Task 2: Create a Central Store

1. On the taskbar, click the File Explorer icon.
2. In the File Explorer window, expand **Local Disk (C:)**, expand **Windows**, expand **SYSVOL**, expand **sysvol**, expand **Adatum.com**, and then double-click **Policies**.

3. In the details pane, right-click a blank area, click **New**, and then click **Folder**.

4. Name the folder **PolicyDefinitions**.

### Task 3: Copy administrative templates to the Central Store

1. In File Explorer, go to **C:\Windows**, and open the **PolicyDefinitions** folder.

2. Select the entire contents of the **PolicyDefinitions** folder.

   ![Note: Hint] To select all the content, click in the details pane, and then press CTRL+A.

3. Right-click the selection, and then click **Copy**.

4. Expand **Local Disk (C:)**, expand **Windows**, expand **SYSVOL**, expand **sysvol**, expand **Adatum.com**, expand **Policies**, and then open the **PolicyDefinitions** folder.

5. Right-click in the empty folder area, and then click **Paste**.

### Task 4: Verify the administrative template location in GPMC

1. In the GPMC, right-click the **Default Domain Policy**, and then click **Edit**.

2. In the Group Policy Management Editor window, expand **Policies**, point to the **Administrative Templates** folder and read the local information text, which reads: “Administrative Templates: Policy definitions (ADMX files) retrieved from the Central Store.”
3. Close the **Group Policy Management Editor** window.

**Results:** After completing this exercise, you should have configured a Central Store.

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**Exercise 2: Creating GPOs**

**Task 1: Create a Windows Internet Explorer Restriction default starter GPO**

1. In the GPMC, right-click the **Starter GPOs** folder, and then click **New**.

2. In the **New Starter GPO** dialog box, in the **Name** field, type **Internet Explorer Restrictions**, in the **Comment** field, type **This GPO disables the General page in Internet Options**, and then click **OK**.

**Task 2: Configure the Internet Explorer Restriction starter GPO**

1. In the GPMC, under the Starter GPOs folder, right-click the **Internet Explorer Restrictions** GPO, and then click **Edit**.

2. In the Group Policy Management Editor window, expand **User Configuration, Administrative Templates**, and then click **All Settings**.

3. Right-click **All Settings**, and then click **Filter Options**.

4. In the **Filter Options** dialog box, select the **Enable Keyword Filters** check box.

5. In the **Filter for word(s):** field, type **General page**.

6. Beside **Within**, deselect the **Help Text** and the **Comment** checkboxes.

7. Beside the **Filter for word(s)** field, click the drop-down list box, click **Exact**, and then click **OK**.

8. Double-click the **Disable the General page** setting, click **Enabled**, and then click
9. Close the **Group Policy Starter GPO Editor** window.

**Task 3: Create an Internet Explorer Restrictions GPO from the Internet Explorer Restrictions starter GPO**

1. In the GPMC, right-click the **Adatum.com** domain, and then click **Create a GPO in this domain, and Link it here**.
2. In the **New GPO** dialog box, in the **Name** field, type **IE Restrictions**.
3. Under Source Starter GPO, click the drop-down box, select **Internet Explorer Restrictions**, and then click **OK**.

**Task 4: Test the GPO for Domain Users**

1. Sign in to **LON-CL1** as **Adatum\Brad** with a password of **Pa$$w0rd**.
2. Point the mouse at the lower-right edge of the screen and click the **Search** charm when it appears.
3. In the **Everywhere** search box, type **Control Panel**.
4. In the search results, click **Control Panel**.
5. In Control Panel, click **Network and Internet**.
6. In the **Network and Internet** dialog box, click **Change your homepage**.
7. Read the message box that appears informing you that this feature has been disabled, and then click **OK**.
8. In the Control Panel, click **Internet Options**. Notice that in the **Internet Properties** dialog box the **General** tab does not display.
9. Close all open windows and sign out from **LON-CL1**.
Task 5: Use security filtering to exempt the IT Department from the Internet Explorer Restrictions policy

1. Switch to **LON-DC1**.
2. In the GPMC, expand the **Group Policy Objects** folder, and then in the left pane, click the **IE Restrictions** policy.
3. In the details pane, click the **Delegation** tab.
4. On the **Delegation** tab, click the **Advanced** button.
5. In the **IE Restrictions Security Settings** dialog box, click **Add**.
6. In the Select Users, Computers, Service Accounts, or Groups window, in the **Enter the object names to select (examples)** box, type **IT**, and then click **OK**.
7. In the **IE Restrictions Security Settings** dialog box, click the **IT (Adatum\IT)** group, next to the Apply group policy permission, select the **Deny** check box, and then click **OK**.
8. Click **Yes** to acknowledge the **Windows Security** dialog box.

Task 6: Test the GPO app for IT department users

1. Sign in to **LON-CL1** as **Brad**, with the password **Pa$$w0rd**.
2. Switch to **LON-CL1**.
3. Point the mouse at the lower-right edge of the screen and click the **Search** charm when it appears.
4. In the **Everywhere** search box, type **Control Panel**.
5. In the search results window, click **Control Panel**.
6. In Control Panel, click **Network and Internet**.
7. In the **Network and Internet** dialog box, click **Change your homepage**. The **Internet Properties** dialog box opens to the **General** tab, and all settings are available.

8. Close all open windows, and sign out from **LON-CL1**.

**Task 7: Test Application of the GPO for other domain users**

1. Sign in to **LON-CL1** as **Boris** with a password of **Pa$$w0rd**.

2. Point the mouse at the lower-right edge of the screen and click the **Search** charm when it appears.

3. In the **Everywhere** search box, type **Control Panel**.

4. In the search results window, click **Control Panel**.

5. In Control Panel, click **Network and Internet**.

6. In the **Network and Internet** dialog box, click **Change your homepage**. A message box appears informing you that this feature has been disabled.

7. Click **OK** to acknowledge the message.

8. Click **Internet Options**. In the **Internet Properties** dialog box, notice that the **General** tab does not display.

9. Close all open windows, and sign out from **LON-CL1**.

**Results:** After completing this lab, you should have created a GPO.

**Prepare for the next module**

After you finish the lab, revert the virtual machines back to their initial state. To do this, complete the following steps:
1. On the host computer, start **Hyper-V Manager**.

2. In the **Virtual Machines** list, right-click **20410C-LON-DC1**, and then click **Revert**.

3. In the **Revert Virtual Machine** dialog box, click **Revert**.

4. Repeat steps 2 and 3 for **20410C-LON-CL1**.