

## wLab - System Utilities

### Introduction

In this lab, you will use Windows utilities to configure operating system settings.

### Recommended Equipment

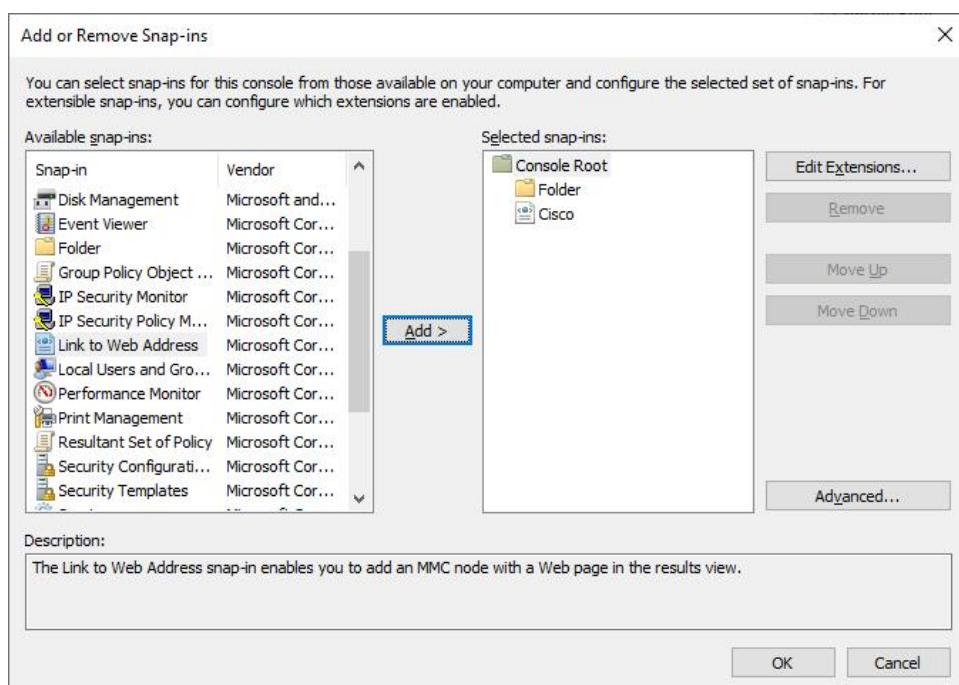
- A computer running Windows

### Instructions

#### Part 1: Custom Management Console

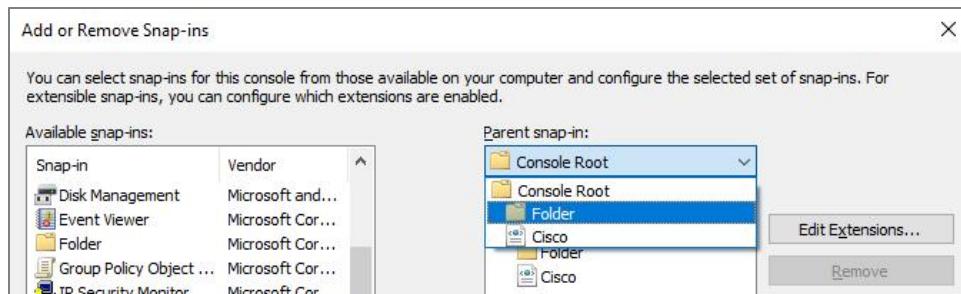
##### Step 1: Explore the management console.

- To open the Microsoft Management Console, click **Start**, and search for **mmc**. Click **Yes** to allow Microsoft Management Console to make changes to the computer.
- In the **Console1 - [Console Root]** window, you can build a custom console. Click **File > Add/Remove Snap-in**.
- In the **Add or Remove Snap-ins** window, you can add a folder snap-in. Scroll down the Available snap-ins pane to locate the **Folder** snap-in. Select **Folder** and click **Add >**.
- To add the **Link to Web Address** snap-in, scroll down the Available snap-ins pane and select **Link to Web Address**. Click **Add >**. In the **Link to Web Address** wizard window, enter <http://www.cisco.com> in the **Path or URL:** field, click **Next >** to continue.
- In the Friendly name for the Link to Web Address snap-in box, enter Cisco and click **Finish** to continue.



### Step 2: Create a custom management console.

- a. To add snap-ins to the folder snap-in, click **Advanced**.
- b. The Advanced window opens. Select Allow changing the parent snap-in. Click **OK**.
- c. A drop-down menu appears for **Parent snap-in**. In the **Parent snap-in** box, select **Folder**.



- d. Add the following snap-ins from the Available snap-in pane: **Computer Management**, **Device Manager**, and **Disk Management**. In each of the snap-in windows, click **Finish** to select to use the snap-in to manage the Local Computer or This computer.
- e. Click **OK** to continue to exit the Add or Remove Snap-ins window.
- f. In the **Console1** window, right-click the **Folder** icon and select **Rename**. Change the name of the folder to **Management Tools**.
- g. To save the custom console, click **File > Save As**. Change the file name to your name. Example: **John's Console**. Change the **Save in** box to **Desktop**. Click **Save**.
- h. Close all open windows.
- i. On the desktop, double-click the **Console** icon that contains your name to re-open the console with your snap-ins. Click **Yes** to allow this application to make changes to your device as necessary.
- j. Review the **Management Tools** folder by double-clicking on the tools.
- k. Within your custom console, navigate to the Event Viewer.  
**Question:**  
What was the path you used to navigate to the Event Viewer?  
*The path I used to navigate to the Event Viewer is by the Computer Management > System Tools .*
- l. Close the **Console** window when you finish your review. Click **No** when prompted to save the changes.

## Part 2: Registry Editor

### Step 1: Change your desktop background settings.

- a. Right-click the Desktop > select **Personalize**.

**Question:**

What is the background picture?

*The background picture is the TIP Logo along with the rules and regulations within the computer laboratory.*

- b. In Windows 10, select **Solid color** in the Background drop-down list. Choose a **blue** background color.

In Windows 8.1 and 7, click **Desktop Background**. Select **Solid Colors** in the Picture Location drop-down list. Choose a **blue** background color.

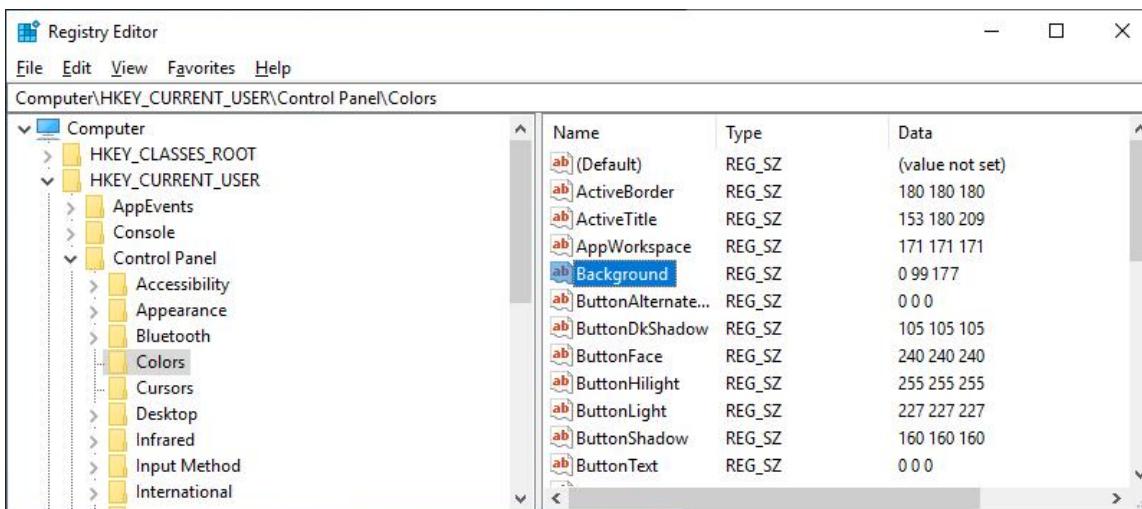
- c. Click **Save changes**. The computer screen should now have a blue background. If not, ask the instructor for assistance.
- d. Close all open windows.

### Step 2: Open the registry editor.

- a. To open the **Registry Editor**, click **Start** and type **regedit**. Click **Yes** to allow Registry Editor to make changes to the computer.

**Note:** Do not make any changes in the Registry Editor without instructor permission.

- b. Select and expand the **HKEY\_CURRENT\_USER** entry.
- c. Expand **Control Panel**. Click **Colors**. Click **Background** in the right panel.



Question:

What is the data value of the Background (hint – it has three numbers that correspond to red, green, and blue)?

*The data value that was showed is 000..*

### Step 3: Export a registry key.

You will export the **HKEY\_CURRENT\_USER\Control Panel\Colors** folder.

- a. In the left pane, select the **Colors** folder and click **File > Export**.
- b. Save the file to the Desktop with the name **BlueBKG**.
- c. At the desktop, right-click the **BlueBKG.reg** icon and select **Edit**.
- d. Notepad opens displaying the contents of **BlueBKG.reg**.

Question:

What is the data value of the **Background**?

*The data value of the background is “ 0 0 0 ”.*

- e. Close the **BlueBKG.reg – Notepad** window.
- f. Open the Personalization window by right-clicking the **Desktop > Personalize > Desktop Background**. Select a **red** background color.
- g. Click **Save** changes. Close the **Personalization** window.

- h. The desktop background should be red. Click the **Registry Editor** window.
- i. On your keyboard, press **F5** to refresh the **Registry Editor** window.

Question:

What is the data value of the Background? Compare the new value in the Registry to the value saved in BlueBKG.reg.

*Type your answers here.*

### Step 4: Import a registry file.

You will import the **BlueBKG.reg** file to change the Desktop ground back to blue.

- a. Click the **Registry Editor** window.
- b. Click **File > Import**. Locate and click the **BlueBKG.reg** file then click **Open**.
- c. The **Registry Editor** informational message opens letting you know that keys and values have been successfully added to the registry. Click **OK**.
- d. Select the **Registry Editor** window.

Questions:

What is the data value of the Background?

*Type your answers here.*

What is the color of the desktop?

*Type your answers here.*

- e. Restart the computer.

Question:

What is the color of the desktop?

*Type your answers here.*

- f. Reset **Display Properties Background** to the original settings.
- g. Close all open windows.
- h. Delete the custom console and BlueBKG file on the desktop.

### Reflection Question

1. Why would it be beneficial to add snap-ins to the mmc that are for other computers on the network?

*It would be beneficial to add snap-ins for other computers on the network because it allows you to manage multiple computers remotely and efficiently, saving time and simplifying network administration.*

2. After restarting the computer, why was the desktop color changed?

*Type your answers here.*