

Lab - System Utilities

Introduction

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

Recommended Equipment

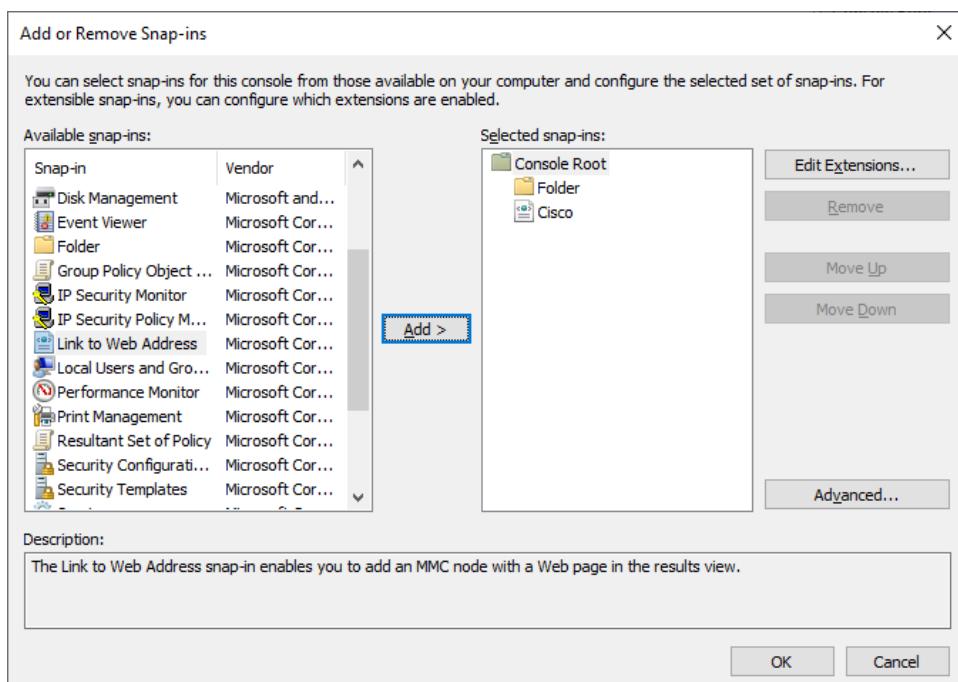
- A computer running Windows

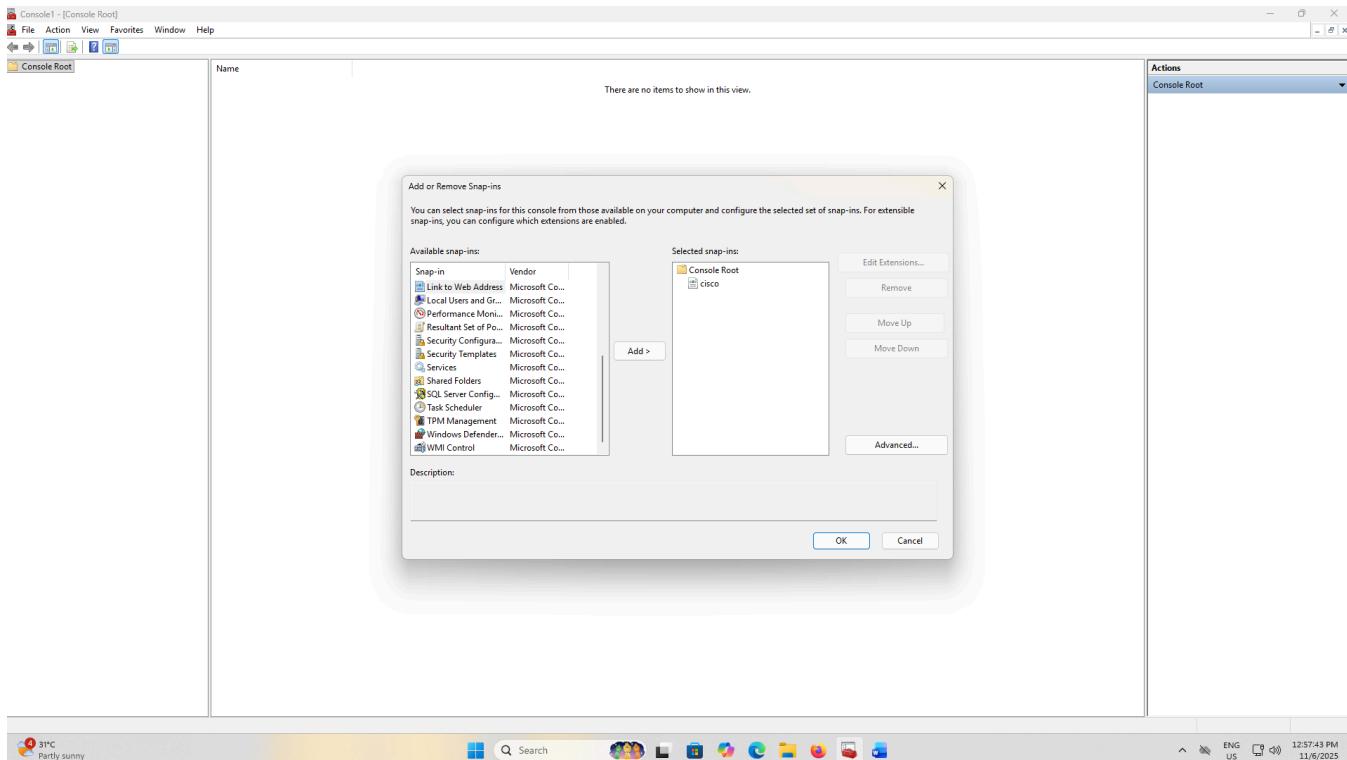
Instructions

Part 1: Custom Management Console

Step 1: Explore the management console.

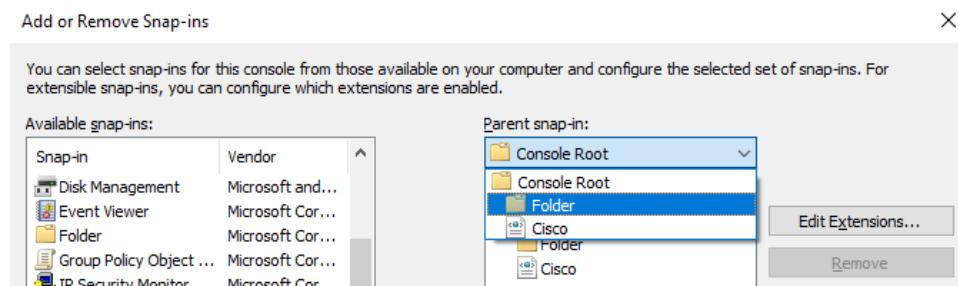
- To open the Microsoft Management Console, click **Start**, and search for **mmc**. Click **Yes** to allow Microsoft Management Console to make changes to the computer.
- In the **Console1 - [Console Root]** window, you can build a custom console. Click **File > Add/Remove Snap-in**.
- In the **Add 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.

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



- 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.
- Click **OK** to continue to exit the Add or Remove Snap-ins window.
- In the **Console1** window, right-click the **Folder** icon and select **Rename**. Change the name of the folder to **Management Tools**.
- 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**.

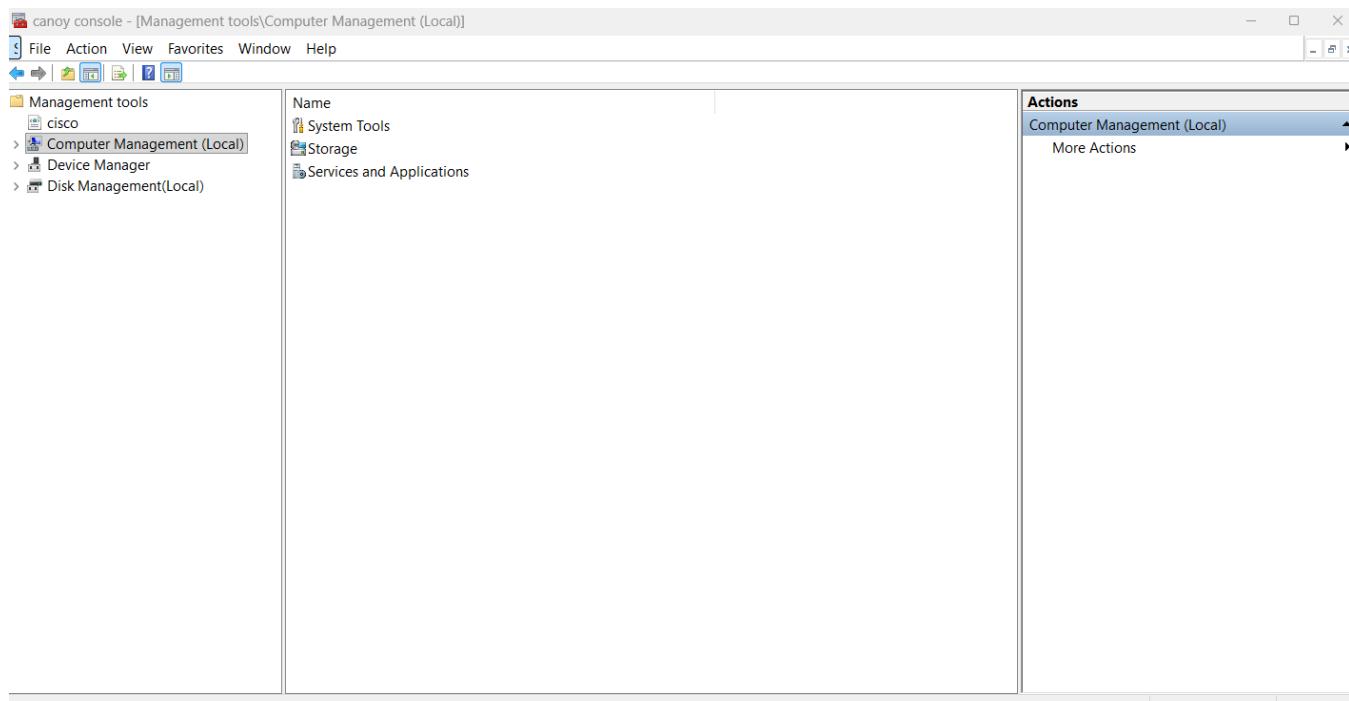
- h. Close all open windows.
- i. On the desktop, double-click the **Console** icon that contains your name to re-open the console with your snap-ins. Click **Yes** to allow this application to make changes to your device as necessary.
- j. Review the **Management Tools** folder by double-clicking on the tools.
- k. Within your custom console, navigate to the Event Viewer.

Question:

What was the path you use to navigate to the Event Viewer?

I visited management tools then computer management after that system tools then event viewer.

- I. 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?

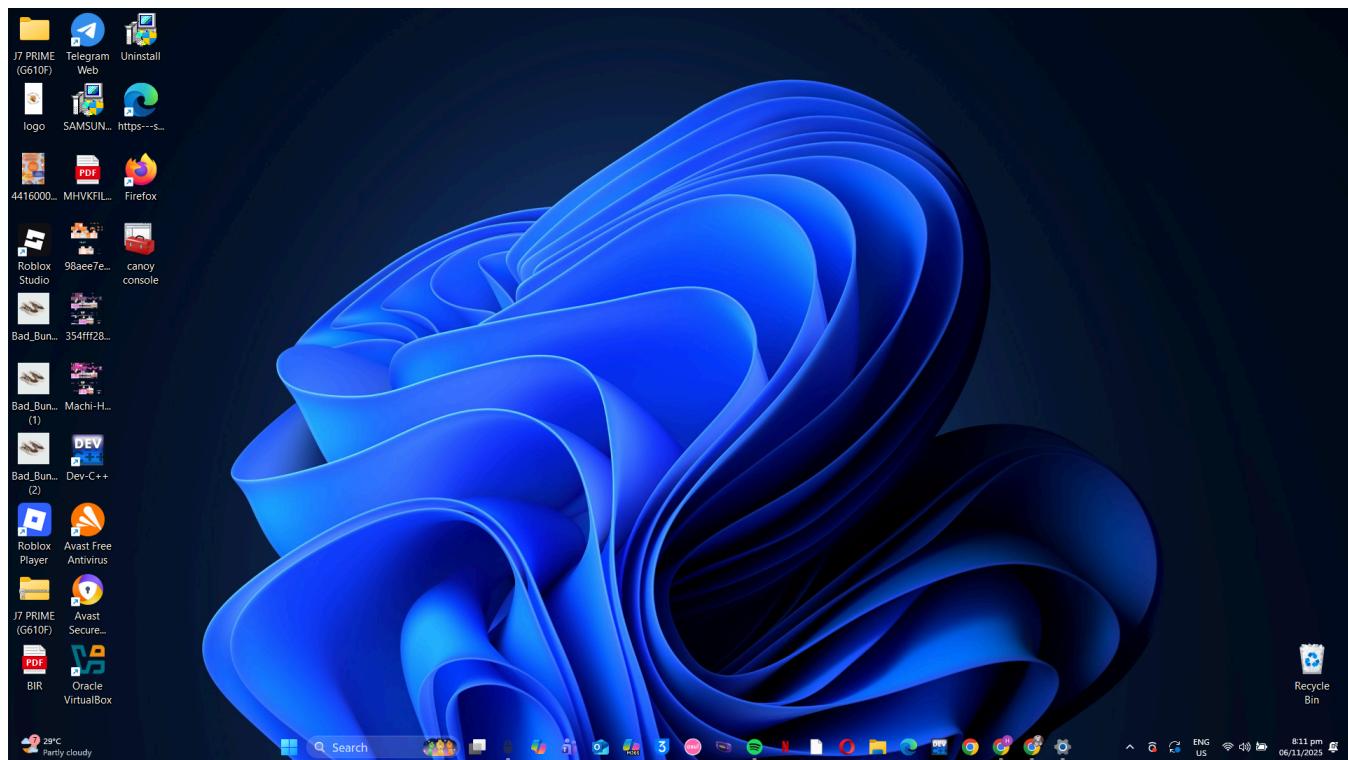
A blue rose.

- 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.



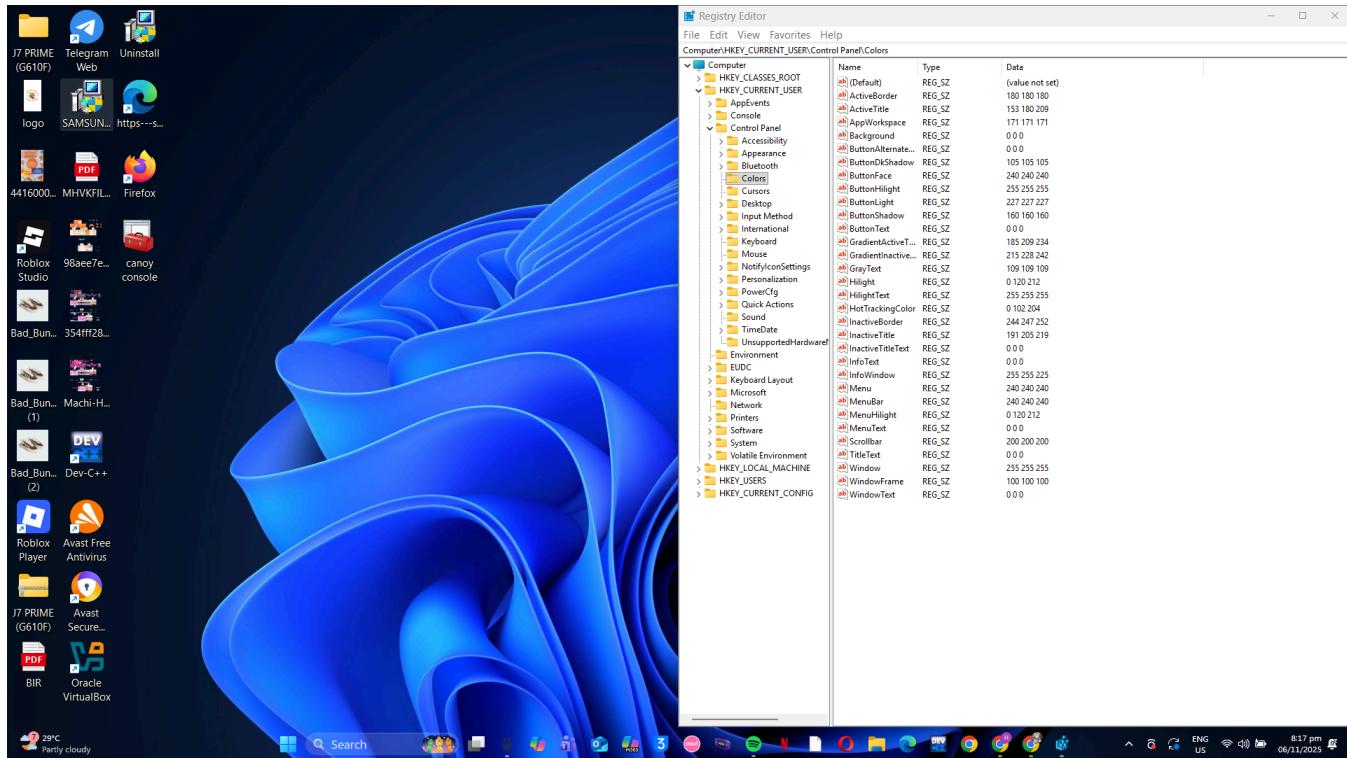
Step 2: Open the registry editor.

- 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.

Name	Type	Data
(Default)	REG_SZ	(value not set)
ActiveBorder	REG_SZ	180 180 180
ActiveTitle	REG_SZ	153 180 209
AppWorkspace	REG_SZ	171 171 171
Background	REG_SZ	0 99 177
ButtonAlternate...	REG_SZ	0 0 0
ButtonDkShadow	REG_SZ	105 105 105
ButtonFace	REG_SZ	240 240 240
ButtonHilight	REG_SZ	255 255 255
ButtonLight	REG_SZ	227 227 227
ButtonShadow	REG_SZ	160 160 160
ButtonText	REG_SZ	0 0 0



Question:

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

There should be a value for mine but i think it bugged it should be red green blue or rgb value mines 000 because of the bug although i tried to restart it.

Step 3: Export a registry key.

You will export the **HKEY_CURRENT_USER\Control Panel\Colors** folder.

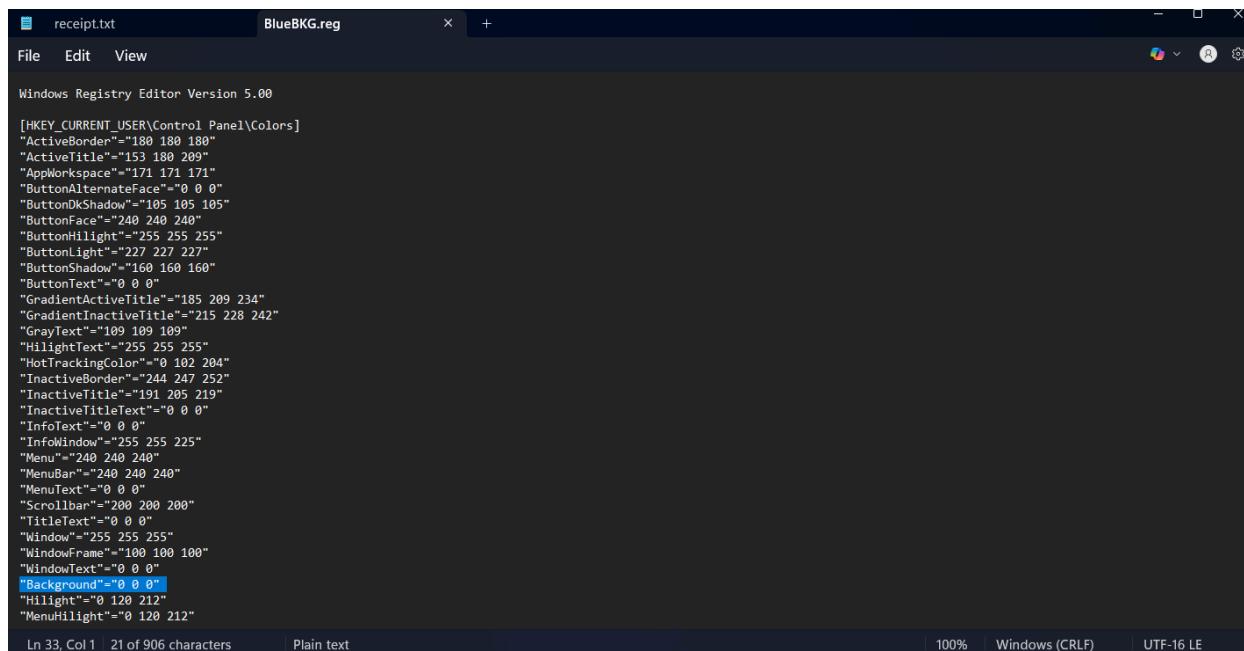
- In the left pane, select the **Colors** folder and click **File > Export**.
- Save the file to the Desktop with the name **BlueBKG**.
- At the desktop, right-click the **BlueBKG.reg** icon and select **Edit**.
- Notepad opens displaying the contents of **BlueBKG.reg**.

Question:

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

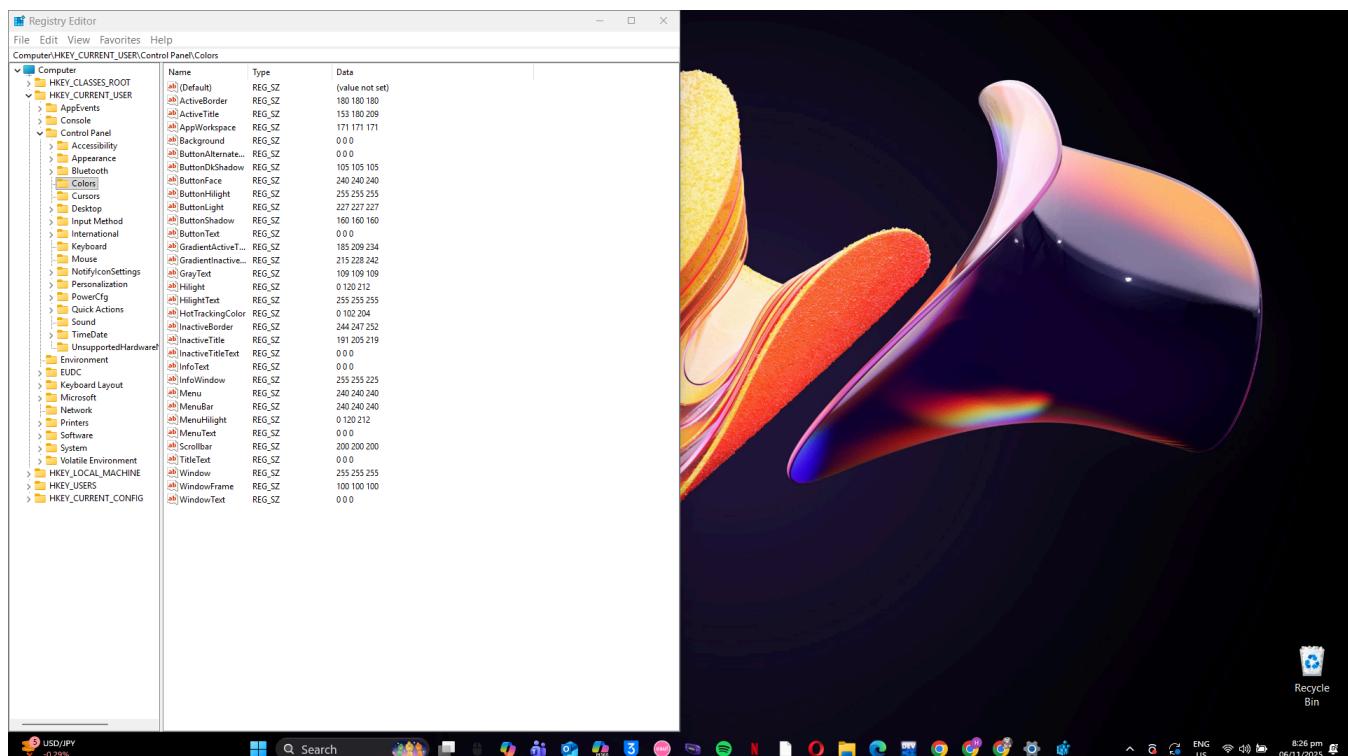
0 0 0.

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The screenshot shows a Windows Notepad window titled "BlueBKG.reg". The content of the file is a Windows Registry Editor dump of the "Control Panel\Colors" key under "HKEY_CURRENT_USER". The registry key contains numerous entries for various system colors, such as ActiveBorder, ActiveTitle, AppWorkspace, ButtonAlternateFace, ButtonDarkShadow, ButtonFace, ButtonHighlight, ButtonLight, ButtonShadow, ButtonText, GradientActiveTitle, GradientInactiveTitle, GrayText, Highlight, HighlightText, HotTrackingColor, InactiveBorder, InactiveTitle, InfoText, InfoWindow, Menu, Menubar, MenuItem, MenuItemText, Scrollbar, TitleText, Window, WindowFrame, andWindowText. Most values are represented as REG_SZ strings with color codes like "#100 100 100" or "#100 100 100 100". Some values are marked as "(value not set)". The file ends with a note: "Ln 33, Col 1 21 of 906 characters Plain text".

- 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.



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Question:

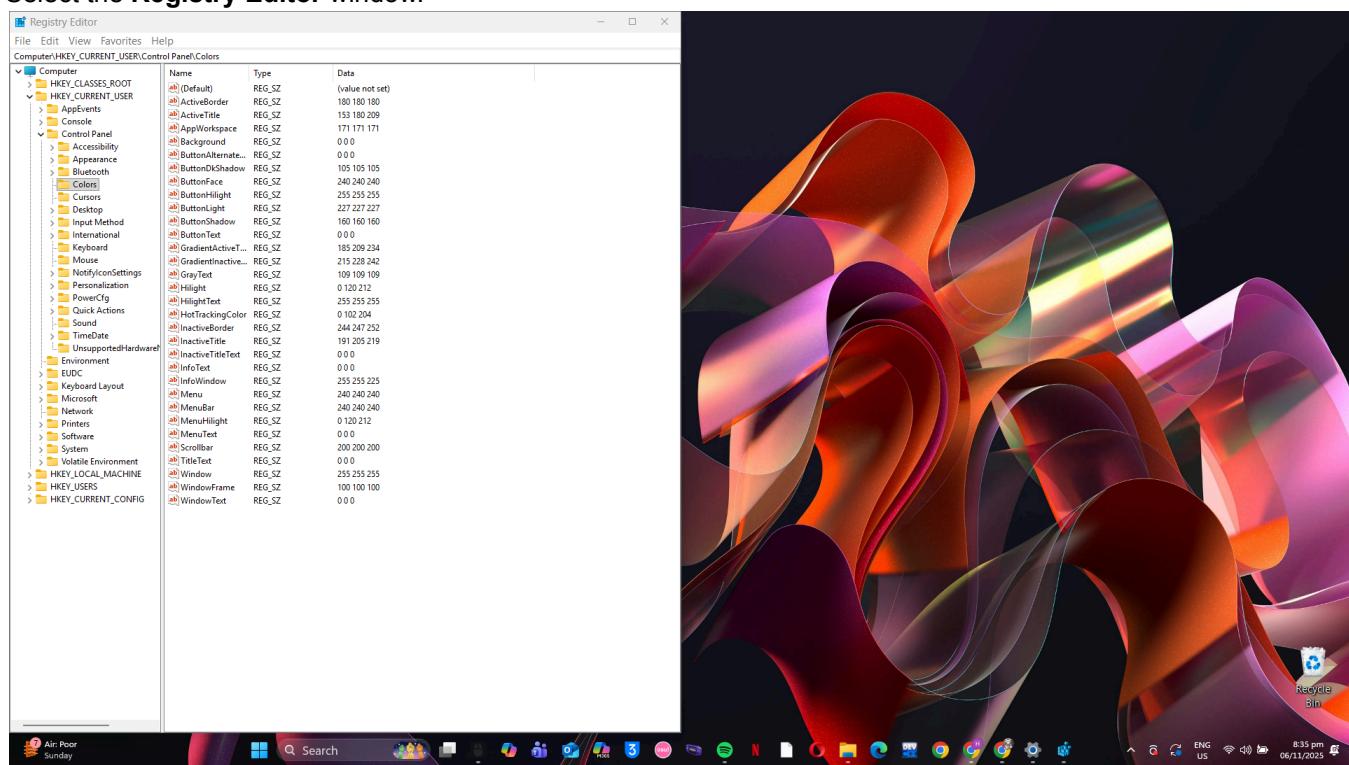
What is the data value of the Background? Compare the new value in the Registry to the value saved in BlueBKG.reg.

It should be a value then 0 0 because its rgb but mine doesn't have a value because of a bug i think.

Step 4: Import a registry file.

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

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



Questions:

What is the data value of the Background?

Still 0 0 0 because of the bug.

What is the color of the desktop?

after importing the BlueBKG file I should be able to change my background into blue again but because of the bug it didn't work.

- Restart the computer.

Question:

What is the color of the desktop?

Still red.

- 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's really good for managing monitors even using a single console, it saves time and costs less effort. You can access other computers without it being near you.

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

If mine changed it would probable because of the system configuration when i imported the BlueKBG file it should change it to blue but because of the bug my registry still kept red.