1. Change your power settings to **Balanced (recommended).**

* Understand the difference between setting power settings between Balanced and High performance mode.

1. Open Firefox in Windows 10. Then do the following:

* How many processes of Firefox is open?
* Do a search online about what the Firefox program is all about. Do you get any information about what Firefox is and any information on how to uninstall it in case it is Malware.
* In Task Manager, right click on **Firefox** and click **Properties**.
* Does Firefox have a Digital Signature associated with it?
* In which location is Firefox installed on your C:?

1. Click the **Startup** tab in Task Manager.

* Which programs automatically startup when Windows boots up?
* Disable one program.
* Reboot Windows 10 to verify the program does not automatically start up. Check Task Manager again to see if the program is disabled still.
* Enable the program you disabled.

1. You can turn off tips and tricks to increase performance. Find a way to turn off Windows tip notifications in Windows 10.
2. Windows 10 sync's with OneDrive if you are connected to the Internet. Perform the following:

* Pause syncing of OneDrive for two hours.
* Unlink your Windows 10 operating system to OneDrive.

1. Perform the following:

* Access the **Index Options** in Windows 10. Which directories can be indexed?
* Can the entire C: be indexed?
* How can you globally disable the Indexing Service?

1. Clean up the hard disk (C:) to delete temporary files. Have the files cleaned up in the Recycle Bin every 14 days.
2. Change the Windows animations and visual effects to adjust for best performance.
3. Run the **Windows Program Compatibility Troubleshoot** program to troubleshoot programs. Pick any program in the list and let Windows try recommended settings to fix the program. Click **Test Settings** to verify the program is working and then if it does, in the next window of the wizard, choose **Yes, save these setings for this program**.
4. Run the **perfmon /report** command in Windows 10. View the **Resource Overview** to check for CPU, Network, Disk and Memory components. What is there Status light set to for each of them?
5. Install **Malwarebytes Anti-Malware** on a computer. You can download it for free off the Internet. After installing it, perform a **Threat Scan**. Verify if there is any bloatware software on your computer. The scan may take some time.
6. Install **Auslogics Registry Cleaner**. You can download it for free off the Internet. Then scan the Windows Registry for errors. Any errors, click **Repair**. Then click **Check System State** to view other errors to see.