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Subject: PARIS Launch, RESTART, in Windows 10 Issue - Solution

Posted by [Rich.Kelley](#) on Sun, 05 Apr 2020 17:58:45 GMT

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I, and a couple of others, have reported a problem when using Windows 10 that after the initial boot up of the PC, a RESTART is required in order to get PARIS to launch. This is being discussed in two other threads, but I thought I'd consolidate it here and make the discussion and solution easy to search and find.

I was able to fix the issue by disabling fast startup in power options.

#### Technical Detail

This is what I think is happening. When you select "Shut down" in the Windows 10, it's default behavior (Fast Startup) is to write a file that saves certain settings so that booting the PC is faster next time. It's a hybrid of a full shutdown, where all system settings are discarded, and hibernate, where the entire system state including all open programs are saved so that you can quickly resume where you left off.

In contrast, when you select "Restart" everything is discarded.

Apparently something is being saved in the Fast Startup file that PARIS doesn't like. This issue was actually causing my entire system to hang on boot up after I installed a video card.

This would also explain a weird behavior that I saw on my system when I was testing it. If I made any change to the number or location of EDS cards in the Magma chassis, I could launch PARIS the first time I booted the PC after the change. However all subsequent boot ups required a RESTART before PARIS would launch. I think that hardware change forced the PC to disregard the Fast Startup file that it had written during the last shut down.

#### Procedure

I went into Start Menu > Settings > Power & Sleep > Additional power settings (under the Related settings header near the bottom of the window). A Power Options window will open.

In the Power Options window select Choose what the power buttons do that is located on the left side of the window. Another window open that looks like this:

- Select Change settings that are currently unavailable so that you can change the Shutdown settings at the bottom of the window.

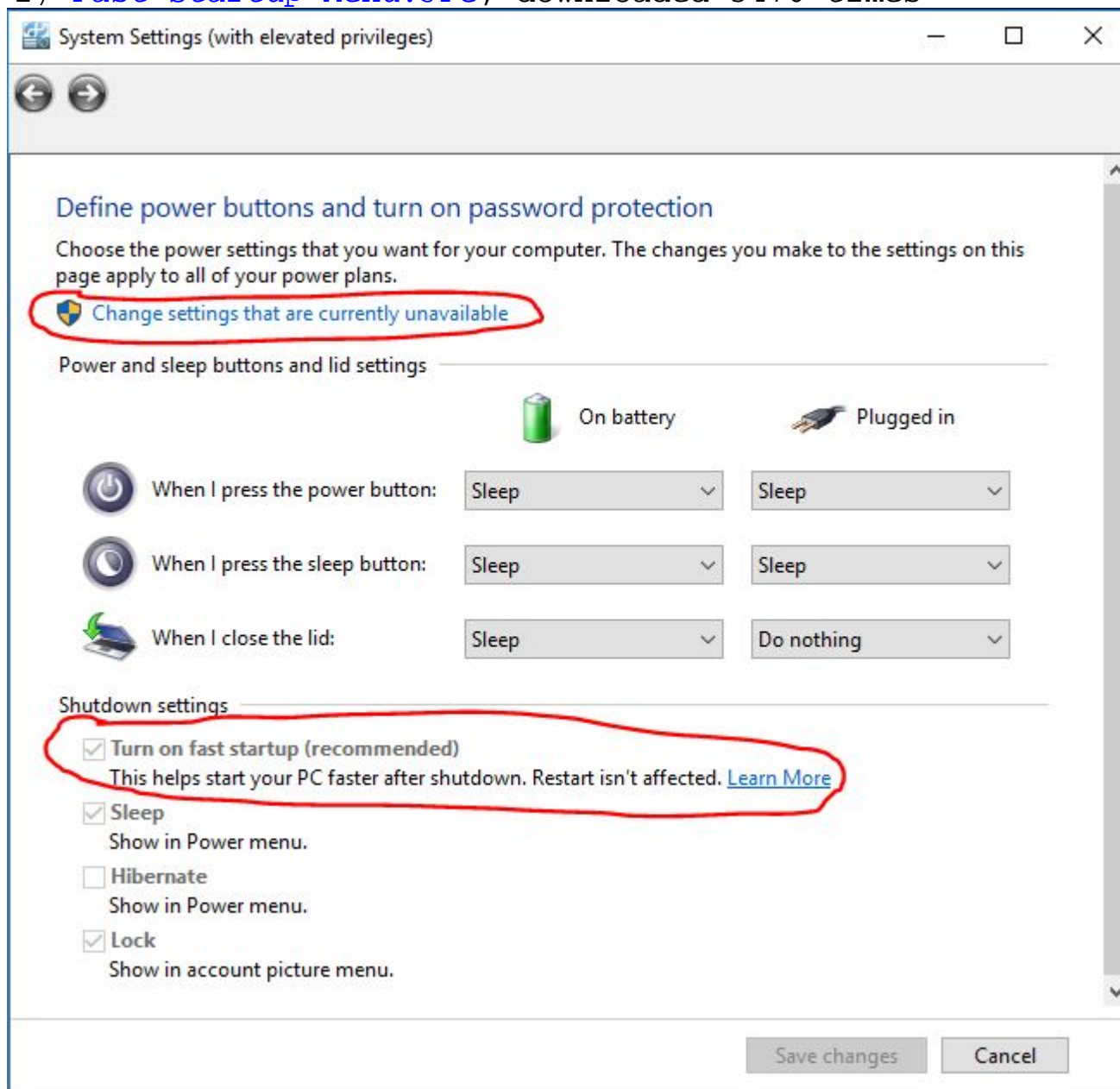
- Then uncheck Turn on fast startup (recommended)

#### Results

This fixed both the video card hang issue and the PARIS launch issue. Interested to see if others have a similar experience.

## File Attachments

1) [Fast Startup Menu.JPG](#), downloaded 3476 times



2) [Power Options Window.JPG](#), downloaded 3472 times

Power Options

Control Panel Home

- Choose what the power buttons do
- Choose what closing the lid does
- Create a power plan
- Change when the computer sleeps

See also

- Windows Mobility Center
- User Accounts

### Choose or customize a power plan

A power plan is a collection of hardware and system settings (like display brightness, sleep, etc.) that manages how your computer uses power. [Tell me more about power plans](#)

Selected plan: \_\_\_\_\_

Balanced [Change plan settings](#)

Automatically balances performance with energy consumption on capable hardware.

Screen brightness: