

Prerequisites

Before proceeding, ensure the following:

- Your Windows 11 device supports the mobile hotspot feature (most modern laptops and tablets do).
- You have administrative privileges on your device.
- The mobile hotspot is initially configured in Settings > Network & Internet > Mobile hotspot (note the network name and password for reference, though they are not required for automation).
- Disable the hotspot manually via Settings if it is currently active, to avoid conflicts.

The method below uses a PowerShell script to toggle the hotspot reliably, as the modern Windows 11 mobile hotspot relies on the NetworkOperatorTetheringManager API rather than legacy netsh commands. This ensures proper startup without errors.

Step-by-Step Instructions

1. **Download the EnableHotspot.ps1 file**
 - Place in folder called 'Scripts' in the C drive of your PC
2. **Open Task Scheduler:**
 - Press Windows + R, type taskschd.msc, and press Enter. Alternatively, search for "Task Scheduler" in the Start menu.
3. **Create a New Task:**
 - In the right-hand Actions pane, select "Create Basic Task..." (or "Create Task..." for advanced options).
 - Name the task (e.g., "Enable Mobile Hotspot on Startup") and add a description if desired. Click Next.
4. **Configure the Trigger:**
 - Select "When I log on" as the trigger (this ensures it runs after user login; use "When the computer starts" if you prefer system-wide execution).
 - Click Next.
 - Enable "Delay task for" and set it to 1 minute to allow Windows to fully load. Click Next.
5. **Configure the Action:**
 - Select "Start a program" and click Next.
 - In "Program/script", enter: powershell.exe.
 - In "Add arguments (optional)", enter: -ExecutionPolicy Bypass -File "C:\Scripts\EnableHotspot.ps1" (replace with your script's full path).
 - Click Next.
6. **Review and Finish:**
 - Review the summary and click Finish.
 - Right-click the new task in the Task Scheduler Library and select "Properties".

- On the General tab, check "Run with highest privileges" and "Run whether user is logged on or not" (if applicable; enter credentials if prompted).
- On the Settings tab, ensure "Allow task to be run on demand" is checked, and set "If the task is already running, then the following rule applies" to "Stop the existing instance".
- Click OK to save.

7. Test the Task:

- Right-click the task and select "Run" to test it manually. Verify the hotspot activates in Settings > Network & Internet > Mobile hotspot.
- Restart your computer to confirm it enables automatically after login.

Additional Notes

- If the script fails, check the Task Scheduler history for errors (right-click the task > View History). Common issues include path errors or insufficient privileges.
- The toggle mechanism (on-off-on with a 3-second delay) ensures reliable startup; adjust the delay in the script if needed.
- For security, restrict script access to administrators only.
- If you prefer a simpler netsh-based approach (less reliable for modern hotspots), create a .bat file with netsh wlan start hostednetwork and schedule it similarly, but test thoroughly as it may not share internet connections consistently.