

Hubitat Node.js Server Package Installation - Windows PC

BASIC INSTALLATION STEPS - Index

- A. Install node.js application (free) (see below).
- B. Assign static IP addresses for your Bridge (PC or otherwise).
- C. Install the "TP-LinkHub_v3" node.js applet.
- D. (Windows PC) Set your Windows PC to auto-restart

A. NODE.JS UTILITY INSTALLATION

Install this utility from this link directly. Ensure that you get the "msi" installer package, not just the "exe" binary.

<https://nodejs.org/en/download/>

B. ASSIGN STATIC IP ADDRESSES

Assigning Static IP addresses is done through your router. It will vary from router to router.

C. INSTALL THE wsHubitat-Samsung.JS APPLETT

1. Copy the files "**wsHubitat-Samsung.js**", "**wsHubitat-Samsung.bat**" and "**commandPrompt.bat**" to a convenient location on your bridge computer. My install was at "C:\\wsHubitat-Samsung" which greatly shortened the path in the batch files.
2. Open **commandPrompt.bat** file and enter the command "**npm install ws**". It is important that this be done in the same directory as the files previously installed.
3. If you install the applets and the wsHubitat-Samsung.bat file in the same directory, no edit is necessary. Otherwise, you will need to enter a new path into wsHubitat-Samsung.bat.
4. (optional) Schedule the applet to autostart on PC reboot or shutdown/restart
 - a. Go to Windows Scheduler (Control Panel -> System and Security -> Administrative Tools -> Task Scheduler)
 - b. 'Create Basic Task' and schedule "wsHubitat-Samsung.bat" to start every time you log on.
5. (optional) Reboot the server and log-in. the batch file "TP-LinkServer.bat" should run automatically. This should start the server in a separate window on your display.

D. (optional) SET YOUR WINDOWS PC TO AUTO-RESTART

1. Set Windows to automatically Log you in. See site:
<https://www.cnet.com/how-to/automatically-log-in-to-your-windows-10-pc/>
2. Go to the BIOS power setting and set PC to NEVER go into standby.
3. Reboot your PC. It should automatically run the node app.
4. Test your device(s).
5. (You can now disconnect /power off monitor, mouse, and keyboard.)