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.

EXAMPLE:, for a TP-Link Archer 3150) the steps are:
    a. Log in and go to the Advanced tab.
    b. select "Network" - "DHCP Server" at the left side.
    c. Go to the Address Reservation section and select Add.
    d. Fill in the MAC ADDRESS, IP, and Description.
    e. Reboot the Router and check that IPs have not changed.

C.   INSTALL THE TP-LinkHub.JS APPLET

    1. Copy the files "TP-LinkHub_v3.js" and "TP-LinkHub_v3.bat" a convenient location on your bridge computer. My install was at "C:\\TPLink" which greatly shortened the path in the batch files.

    2. Open the batch file "TP-LinkHub_v3.bat" and edit to change the directory to where the files were copied. Test this file. It should open a window similar to the below:

        Sun 12/23/2018
        09:35
        v8.11.3
        Node.js Version Detected: v8.11.3
        TP-Link Hub Application Console Log Version 3.6.01

    3. Schedule this file to autostart on your PC.

        a. Go to Windows Scheduler (Control Panel -> System and Security -> Administrative Tools -> Task Scheduler)

        b. 'Create Basic Task' and schedule "TP-LinkServer.bat" to start every time you log on.

4. 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.   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.)