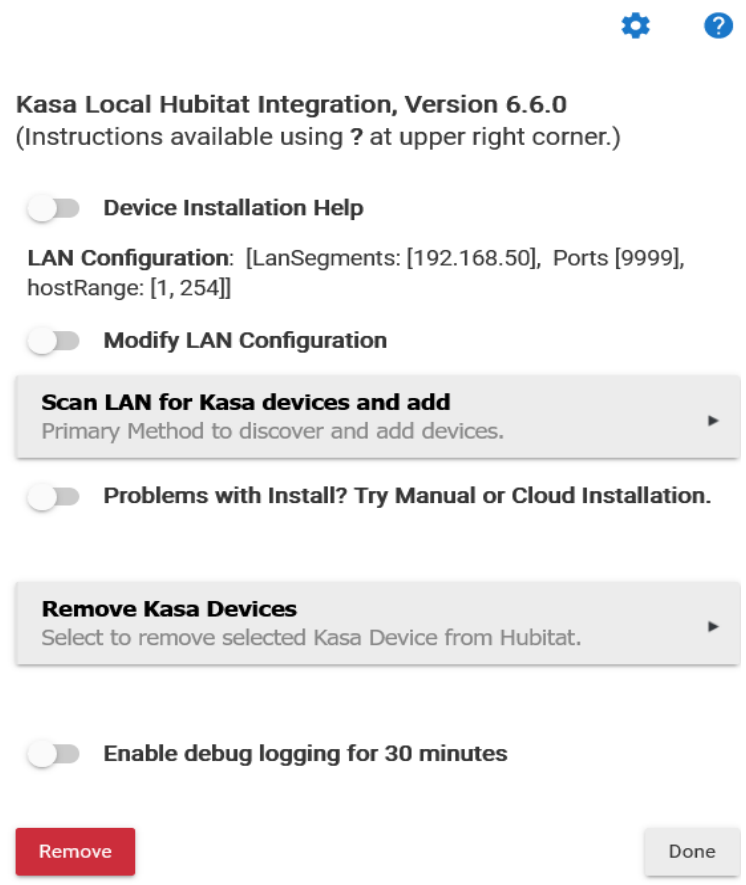
Installation Instructions

Caution	For the HS300 6-outlet multi-plug, the Kasa names for ALL of the outlets must not exceed 96 characters (about 16 characters per outlet). This is due to Hubitat comms limitation of a single return packet from the device. This limitation does not exist if you choose a cloud implementation.
1	Install the device per the manufacturer's instructions using the Kasa Phone Application. After installing, verify the device works (simple on-off) using the Phone App.
2	(Optional) Using your router, assign static IP addresses for your devices.
3	Load the Application and Driver files a. HPM: Search by Keyword for **Kasa**", Package is "**Kasa Device Integration**". b. Manual: From GitHub site: https://github.com/DaveGut/HubitatActive/tree/master/KasaDevices c. Direct link using the Apps Code and Drivers Code edit page "Import" function using the links at the bottom of this page. During the Hubitat application running (below), you will be given a list of required drivers for your device(s). If you do not have the correct driver, the device will not be created.
4	In Hubita Apps, select "Add User App". Select "Kasa Integration".

Notes on running the Application:
a. Most users will not have to use functions other than Install Kasa Devices and Remove Kasa Devices. Exception is users with complex LAN topologies or (in rare cases) where a device is not LAN controllable. The LAN controllable device problem is handled in the troubleshooting section.
b. Below describes the intended default installation using LAN for all communications.



Kasa Hubitat Integration Page

1. **Device Installation Help**. Opens a text window with help on Installation of Kasa Devices.

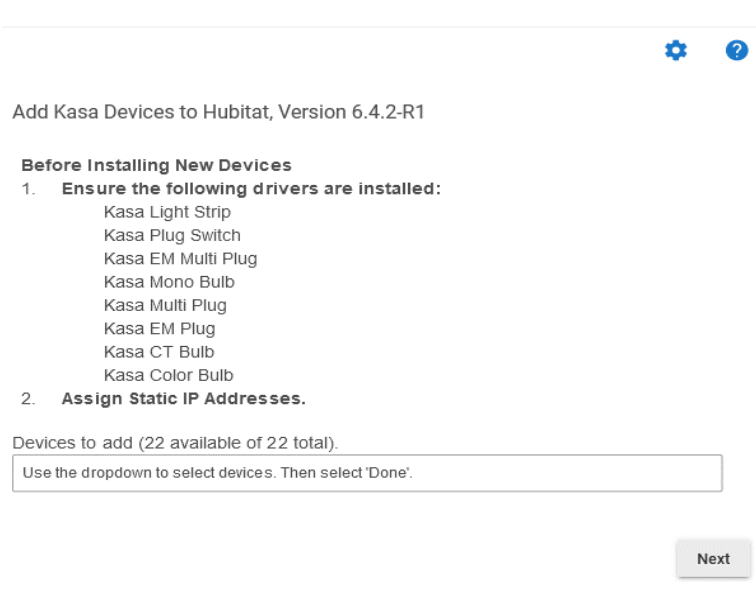
2. **Modify LAN Configuration.** Allows modification of IP Segment(s) and Port(s) for more technical installation; i.e., port forwarding, multi-segment LAN. Usually not necessary.

3. **Scan LAN for Kasa devices and add**. NORMAL installation of app using LAN control of devices.

4. **Problems with Install?**.... Switch to display alternate installation for devices not discovered in LAN installation. Unusual installation. Displays:
   a. Manual enter data then add Kasa devices.
   b. Get Kasa devices from the Kasa Cloud and add.

5. **Remove Kasa Devices**. Allows removal of selected Kasa Devices.

6. **Enable debug logging for 30 minutes**. For troubleshooting.



Add Kasa Devices Page

1. Verify that the exact drivers from the list are installed into Hubitat.
2. Select your device(s) from the drop down menu.
3. Select Next.

Issue: All devices not found. Corrective Attempt: Press Next and then try the "Install Kasa Devices" again.

Issue: Devices still do not show up. You may have a non-LAN device. Corrective Attempt:
a. Press "Next"
b. Select "Cloud, Lan, and Device Control Setup"
c. Select "Kasa Login and Token Update" and enter credentials. (More info on these pages at the Application Description link.)

5	Go to each device and assure you can properly control the device (simple on/off command). Issues on device control: See link to Troubleshooting.

Application and Driver File Links	
To use these links, download the XLS version of the file.	
Kasa App	https://raw.githubusercontent.com/DaveGut/HubitatActive/master/KasaDevices/Application/KasaIntegrationApp.groovy
All Plug Switch except Dimming Switch	https://raw.githubusercontent.com/DaveGut/HubitatActive/master/KasaDevices/DeviceDrivers/Plug-Switch.groovy
Dimming Switch	https://github.com/DaveGut/HubitatActive/blob/master/KasaDevices/DeviceDrivers/DimmingSwitch.groovy
Color Bulb	https://raw.githubusercontent.com/DaveGut/HubitatActive/master/KasaDevices/DeviceDrivers/ColorBulb.groovy
CT Bulb	https://raw.githubusercontent.com/DaveGut/HubitatActive/master/KasaDevices/DeviceDrivers/CTBulb.groovy
Mono Bulb	https://raw.githubusercontent.com/DaveGut/HubitatActive/master/KasaDevices/DeviceDrivers/WhiteBulb.groovy
Light Strip	https://raw.githubusercontent.com/DaveGut/HubitatActive/master/KasaDevices/DeviceDrivers/LightStrip.groovy