

Upgrading TP-Link Device Handlers and Service Manager

These instructions are for the upgrade on an existing installation to the Version 4.0 installation. The GitHub location of the files is: <https://github.com/DaveGut/TP-Link-SmartThings>. There are three relevant directories that are of interest:

Documentation - Contains instructions as well as installation descriptions. This file resides in Documentation.

Service Manager - Contains the file: "TP-Link SmartThings Manager.groovy". This is the SmartThings SmartApp.

Device Handlers - The device-dependent Device Handler files. You must install the device handler defined for your device. The table below lists TP-Link devices, device types, and the Groovy file name for the Device Handler.

Device, Device Type, Groovy Files		
Model	Device Type	Groovy File
HS100	TP-Link Smart Plug	TP-Link Plug.groovy
KP100		
HS103		
HS105		
HS200	TP-Link Smart Switch	TP-Link Switch.groovy
HS210		
RE270	TP-Link Smart RE Plug	TP-Link RE Plug.groovy
RE370		
HS107	TP-Link Smart Multi-Plug	TP-Link Multi-Plug.groovy
HS300		
KP200		
KP400		
HS220	TP-Link Smart Dimming Switch	TP-Link Dimming Switch.groovy
HS110	TP-Link Smart Energy Monitor Plug	TP-Link EnergyMonitor Plug.groovy
KB100	TP-Link Smart Soft White Bulb	TP-Link SoftWhite Bulb.groovy
LB100		
LB110		
KL110		
LB200		
LB120	TP-Link Smart Tunable White Bulb	TP-Link TunableWhite Bulb.groovy
KL120		
KB130	TP-Link Smart Color Bulb	TP-Link Color Bulb.groovy
LB130		
KL130		
LB230		

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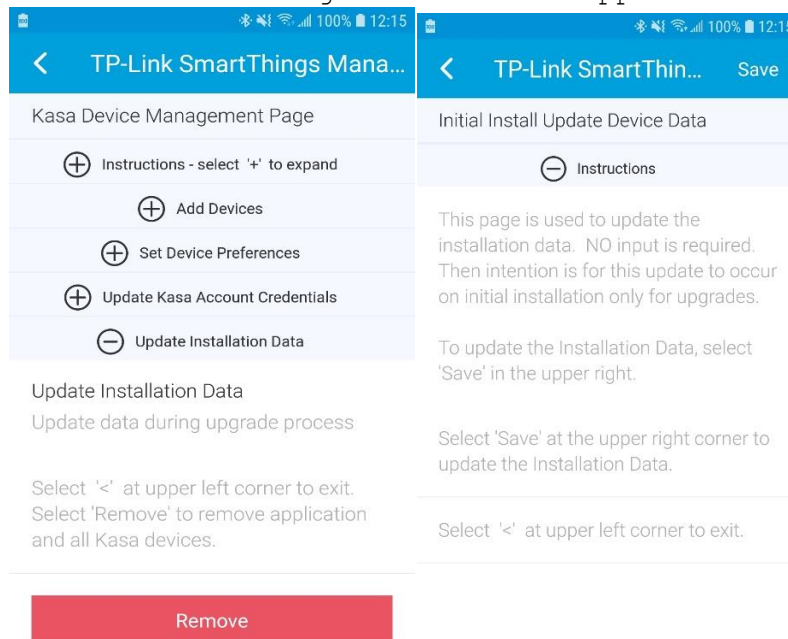
Special note on RE270/RE370. This set of Device Handlers does not fully support the RE270/RE370 Range Extender / Smart Plug. Plug on and off commands require IFTTT integration and the handler then updates the status using a local refresh command.

NodeJS Files. The files for the manual and Node Applet installation.

Upgrade

The process for upgrade consists of three or four basic steps:

- a. Replace the content of existing device handlers with the new device handlers. Save the file and publish for me.
 1. Note that for existing plug-switch device handlers, you may choose either the new plug or switch device handler. The difference in the implementation is the icon displayed in the NEW SmartThings connect application.
- b. Install any new device handlers (for new device types) in accordance with "1 - Installing DH and SmartApp into SmartThings.pdf".
- c. Replace the contents of the existing Smart Application with the new Smart Application. Save the file and publish for me.
- d. Run the Service Manager to upgrade existing installations. NOTE: "Select 'Save'" has been genericized in app to "Select the text".



1. When starting, you may be queried for the installation type (pre-3.5 device handler versions). Select "Kasa Account".
2. Expand the Update Installation Data area and select in the open field "Update data during upgrade process".
3. Select "Save in the upper right hand of the next page.

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- e. Add any new devices per the instructions in "3 - Adding Kasa Devices.pdf"

What the upgrade does. Simply stated, the upgrade aligns the system data elements between the legacy versions and the new version of the installation. This was necessary when I went to an automated node.js installation (Node Applet) in addition to the former cloud installation (Kasa Account).