Adding a Device to the Cloud TP-Link to Smart Things Installation

This document provides for adding a device to the TP-Link SmartThings Integration. It includes the following sections:

1.   Prerequisites

a. A valid TP-Link Kasa account (must have login name and password).

b. TP-Link devices installed and in 'Remote Control' mode (done in Kasa App)

2.   Preparation for Installation

Prior to starting the installation procedure, the TP-Link devices must be installed through the Kasa Application. The following steps are recommended after initial installation:

a. Assure you are happy with the Kasa 'Device Name'. This will be the initial name in the SmartThings interface (although it can be changed).

b. Assure that all the devices you want to install are in 'Remote Control'.

c. Run Firmware Update for the Kasa devices (optional).

4.   Install the Device Handlers for Your Devices

If you already have the device handler for your new device, you can go to the next section. Part d of this paragraph identifies the device handler for each device type.

Starting from completing the above steps:

a.   Select the 'My Device Handlers' tab.

b. Select '+ Create New Device Handler' at the top-right.

c. Select the 'From Code' Tab.

    d. Paste the contents of the below files (based on you new devices) into the space:

[Note: Upgrading to Energy Meter versions are discussed in '7 of the Installation instructions.]

Default Device Handler Identification			
Product	Namespace	Name	Filename
HS100			
HS105			
HS200		(Cloud) TP-Link Plug-Switch	(Cloud) TP-Link Plug-Switch.groovy
HS210			
KP100			
HS110		(Cloud) TP-Link EnergyMonitor Plug	(Cloud) TP-Link EnergyMonitor Plug.groovy
HS115			
KB100	djgut		
LB100		(Cloud) TP-Link SoftWhite Bulb	(Cloud) TP-Link SoftWhite Bulb.groovy
LB110			
LB200			
LB120		(Cloud) TP-Link TunableWhite Bulb	(Cloud) TP-Link TunableWhite Bulb.groovy
KB130			
LB130		(Cloud) TP-Link Color Bulb	(Cloud) TP-Link Color Bulb.groovy
LB230			

    e. Select 'Create' then 'Publish'

    f. Select the 'My Device Handlers' tab and verify all Device Handlers are present and are 'Published'

5.   Run the Service Manager

[PLEASE OPEN UP 'LIVE LOGGING' AND IF AN ERROR OCCURS, PROVIDE THIS DATA TO AUTHOR WHEN REQUESTING ASSISTANTS]

From your smart phone SmartThings application:

    a. Select "Automation" (at bottom), then the 'SmartApps' tab.

    b. Select '+ Add a SmartApp' at the bottom.

    c. Select '+ My Apps' at the bottom

    d. Select the app 'TP-Link (unofficial) Connect'

6.   Running the Service Manager

A description of the Service Manager pages and potential errors is contained in the section '8. Service Manager Pages'. The Service Manager pages also have instructions and will display errors when they are present.

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    a. From the page 'TP-Link Device Service Manager' (Page A):

        1) Enter your TP-Link Login information (username and password).

        2) Select the area below 'What do you want to do?'.

        3) Select 'Add Devices".

    4) Select Next.

    b. The Service Manager should transition to the 'Select Your TP-Link Devices' page.

        1) Select in the area at the bottom.

        2) From the next page, select the devices you wish to install the select 'DONE'

        3) Select 'DONE' again.

    c. Successful Installation: The devices should install and a green banner should appear on the app display:

'Successfully added TP-Link (unofficial) Connect'