**Device Update for TP4.0.1**

**To update the system software:**

1. Open an Azure Sphere Developer Command Prompt.
2. Find the MT3620 Device Update.zip file, which is part of the distribution, and unzip it.
3. In the Azure Sphere Developer Command Prompt window, change directory to the root of the unzipped folder. Device update requires tools and images from the images folder.
4. Ensure that your board is connected by USB to your computer.
5. Issue the following command:

***dutil recover -i .\images***

The -i flag requires the path of the images folder, which contains the recovery tools and images.

*You should see output similar to the following*:

Starting device recovery. Please note that this may take up to 10 minutes.

Board found. Sending recovery bootloader...

Erasing flash...

Sending images...

Sending image 1 of 15... OK.

Sending image 2 of 15... OK.

Sending image 3 of 15... OK. ….

Sending image 15 of 15... OK.

Device recovered successfully.

**To assign the correct device group**:

**IMPORTANT!**

**You must assign your device to a device group that delivers only the most recent Azure Sphere OS before you reconfigure Wi-Fi on your device**. This step ensures that the device continues to operate properly with the newly updated Azure Sphere OS software and that the software is not inadvertently overwritten by a version that is not compatible with the latest tools and Azure Sphere Security Service.

1. In an Azure Sphere Developer Command Prompt window, type the following command to list the current device groups:

cutil dg list

*You should see output similar to the following*:

Listing all device groups.

--> [ID: 0d5a7c0d-63ea-4b34-aaf9-9caa28af8b5a] 'Popcorn Maker - Lab Feed'

--> [ID: 2d168392-6e71-4e3e-8b7f-151ad806f91c] 'Popcorn Makers - Lab TP4.0.1'

--> [ID: 63bbe6ea-14be-4d1a-a6e7-03591d882b42] 'System Software'

Command completed successfully in 00:00:03.4727122.

2. Find the device group in the list that has the name “System Software”. Copy the ID for this group.

**Important!** Use the ID from your command output, which may be different from the ID in the example above.

3. Assign your device to this device group by issuing the following **cutil device setdg** command, specifying the ID you copied in the preceding step:

cutil device setdg -a -d <ID>

*You should see output similar to the following*:

Successfully moved device '94B27082513B529C45098884F882B2CA6D832587CAAE1A90B1CEC4A376EA2F22A96C4E7E1FC4D2AFF5633 B68DB68FF4420A5588B420851EE4F3F1A7DC51399ED' to device group 63bbe6ea-14be-4d1a-a6e703591d882b42' in the cloud.

Command completed successfully in 00:00:03.9796829.