

# CONTROLLER API DESCRIPTION

June 2019

redatto da: Reply Connect

unit:

revisione:

approvato da: Reply Connect

doc ID:

data di emissione:

modello doc. **XXXXXX**

livello di classificazione:

INDICE

|      |                     |   |
|------|---------------------|---|
| 1    | DEVICE SETUP        | 3 |
| 2    | POSTMAN SET-UP      | 4 |
| 2.1  | INSTALLATION        | 4 |
| 2.2  | CONFIGURATION       | 4 |
| 3    | SERVER METHODS      | 8 |
| 3.1  | GET LIST            | 8 |
| 3.2  | FACTORY RESET       | 8 |
| 3.3  | START LEARNING      | 8 |
| 3.4  | START LEARNING S2   | 8 |
| 3.5  | GET LEARNING STATUS | 8 |
| 3.6  | STOP LEARNING       | 8 |
| 3.7  | START REMOVING      | 8 |
| 3.8  | STOP REMOVING       | 8 |
| 3.9  | DELETE DEVICE       | 8 |
| 3.10 | START LEARNING MODE | 9 |
| 3.11 | BASIC GET           | 9 |
| 3.12 | BASIC SET           | 9 |

1 DEVICE SETUP

NOTE: as described in the *Application and TIM Box Quick Guide*, it is mandatory follow these steps:

- start IoTIM Android TV app after its installation
- complete login procedure
- access also on IoTIM Mobile app.

|                             |                    |            |
|-----------------------------|--------------------|------------|
| redatto da:                 | approvato da:      | revisione: |
| unit:                       | data di emissione: | pag: 3/9   |
| livello di classificazione: |                    |            |

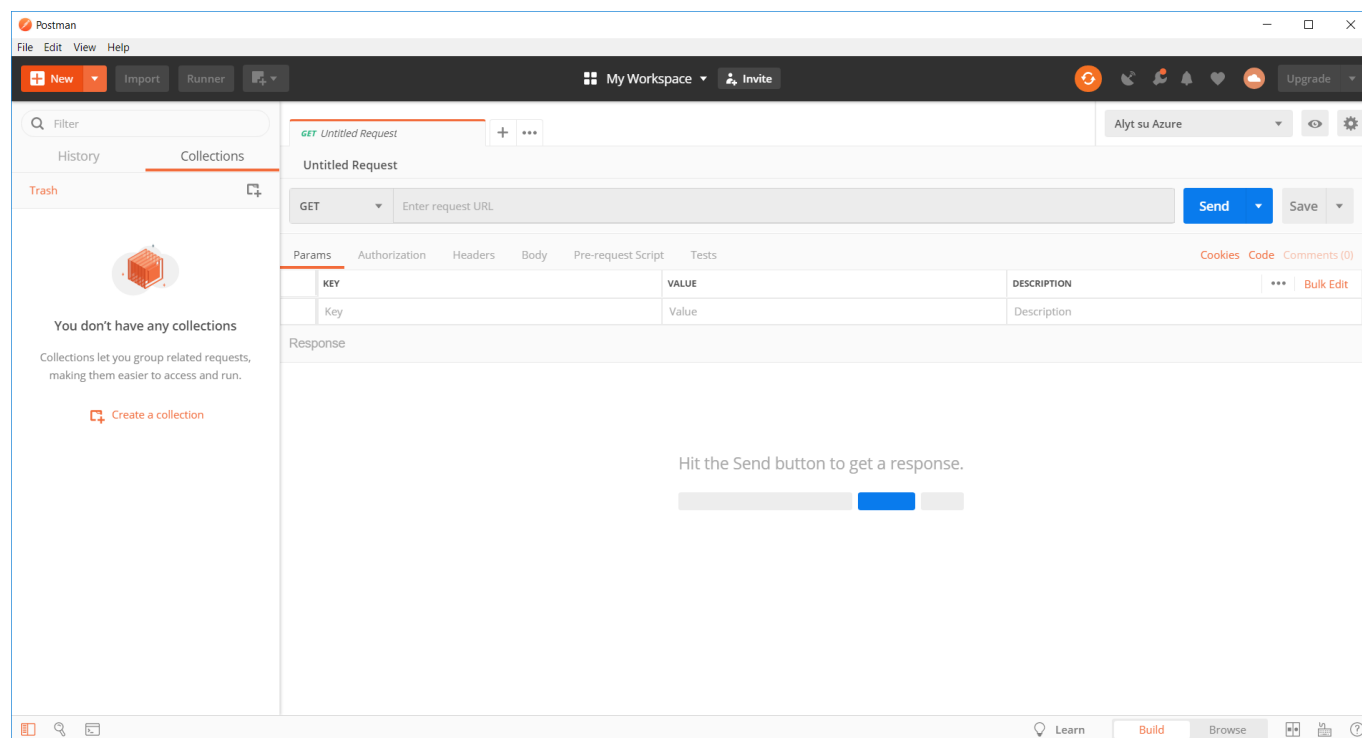
## 2 POSTMAN SET-UP

### 2.1 INSTALLATION

Download Postman tool from the following link: <https://www.getpostman.com/>

### 2.2 CONFIGURATION

After Postman installation, launch it and select “Import” option.



redatto da:  
unit:

approvato da:  
data di emissione:

revisione:  
pag: 4/9

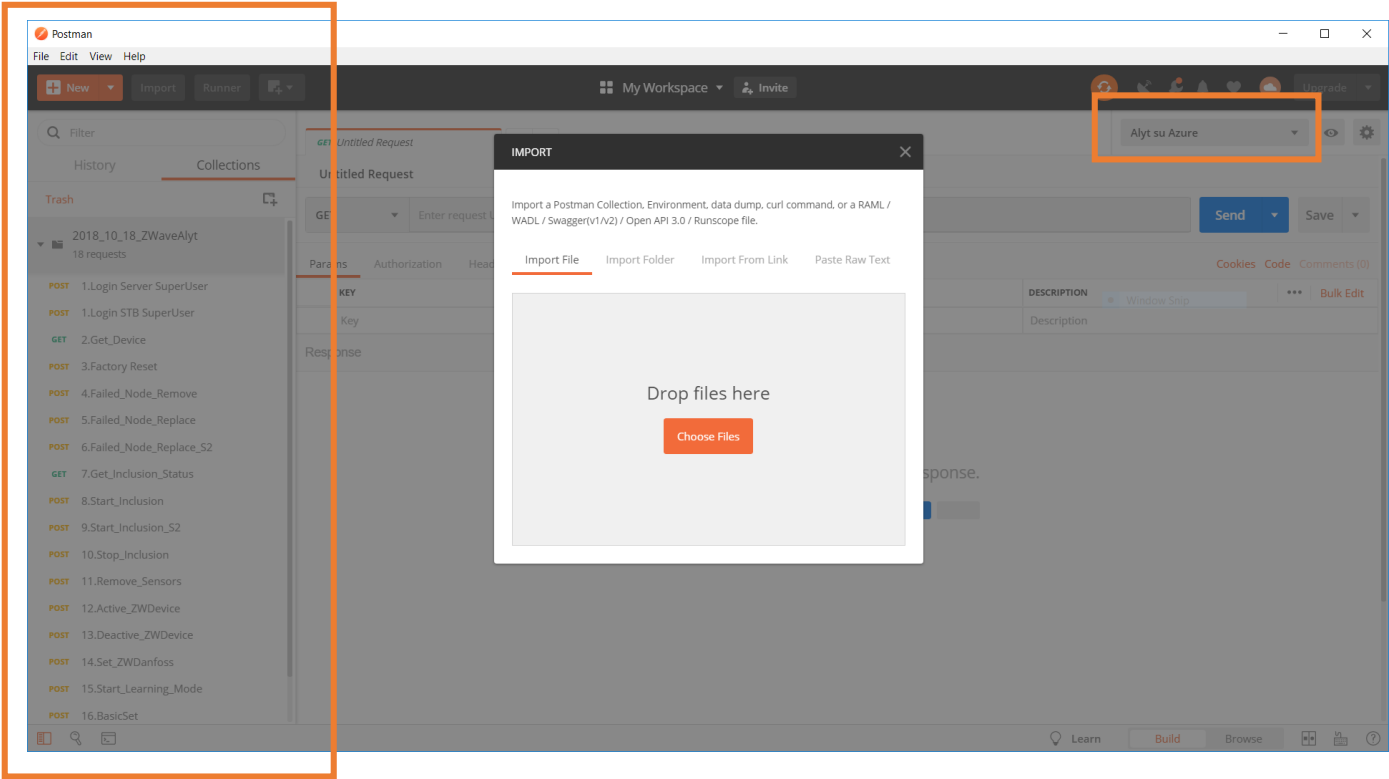
livello di classificazione:

XXXXXXX

CONTROLLER API DESCRIPTION

Click on “**Choose file**” and select both files  
IOTIM STB ZWave Certification.postman\_collection.json  
IOTIM STB ZWave Certification.postman\_environment.json

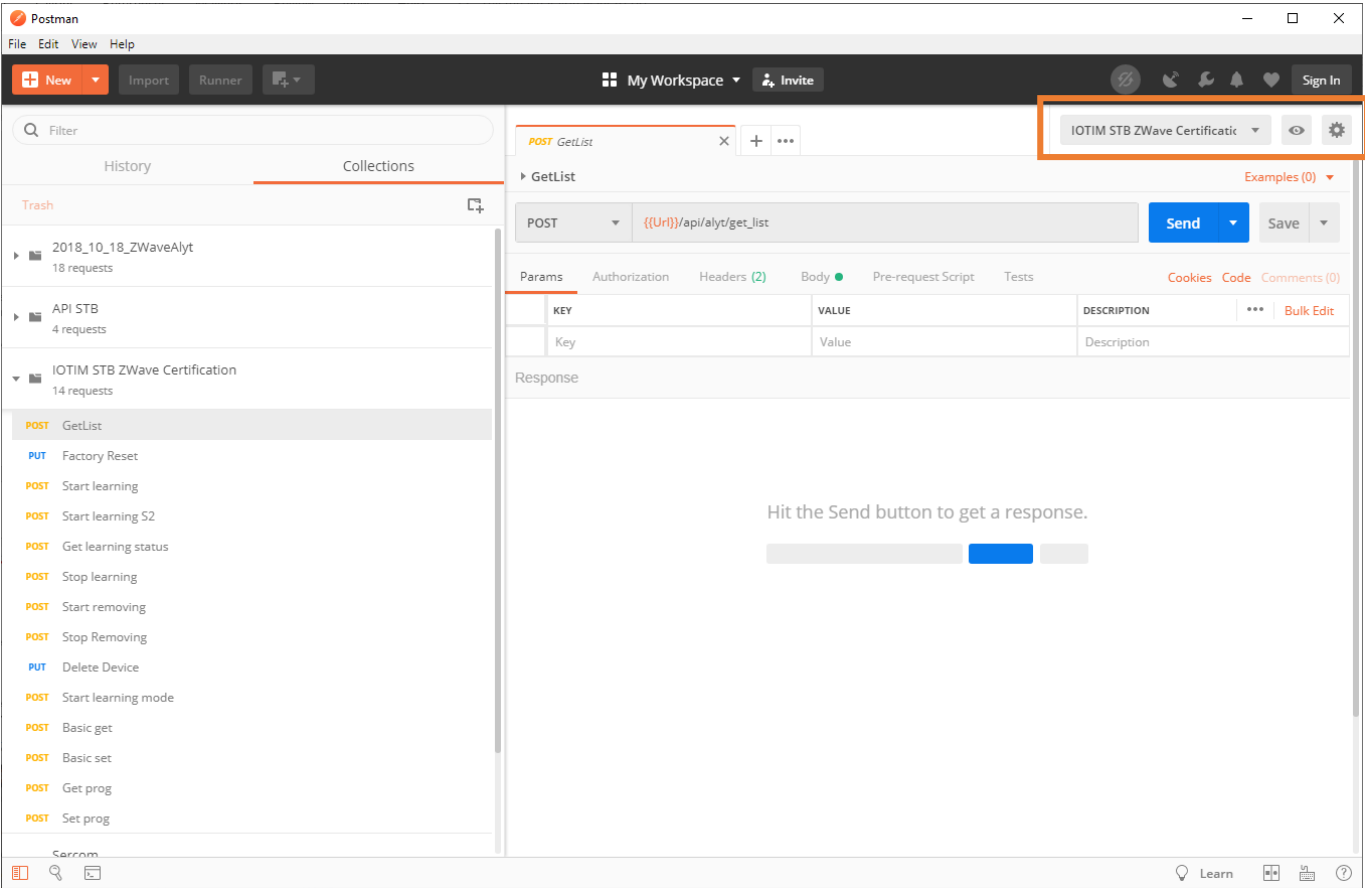
You will find all the available collections within related menu displayed to the left side of the Postman tool and the loaded environment within the highlighted box at the top right of the screen.



|                             |                    |            |
|-----------------------------|--------------------|------------|
| redatto da:                 | approvato da:      | revisione: |
| unit:                       | data di emissione: | pag: 5/9   |
| livello di classificazione: |                    |            |

CONTROLLER API DESCRIPTION

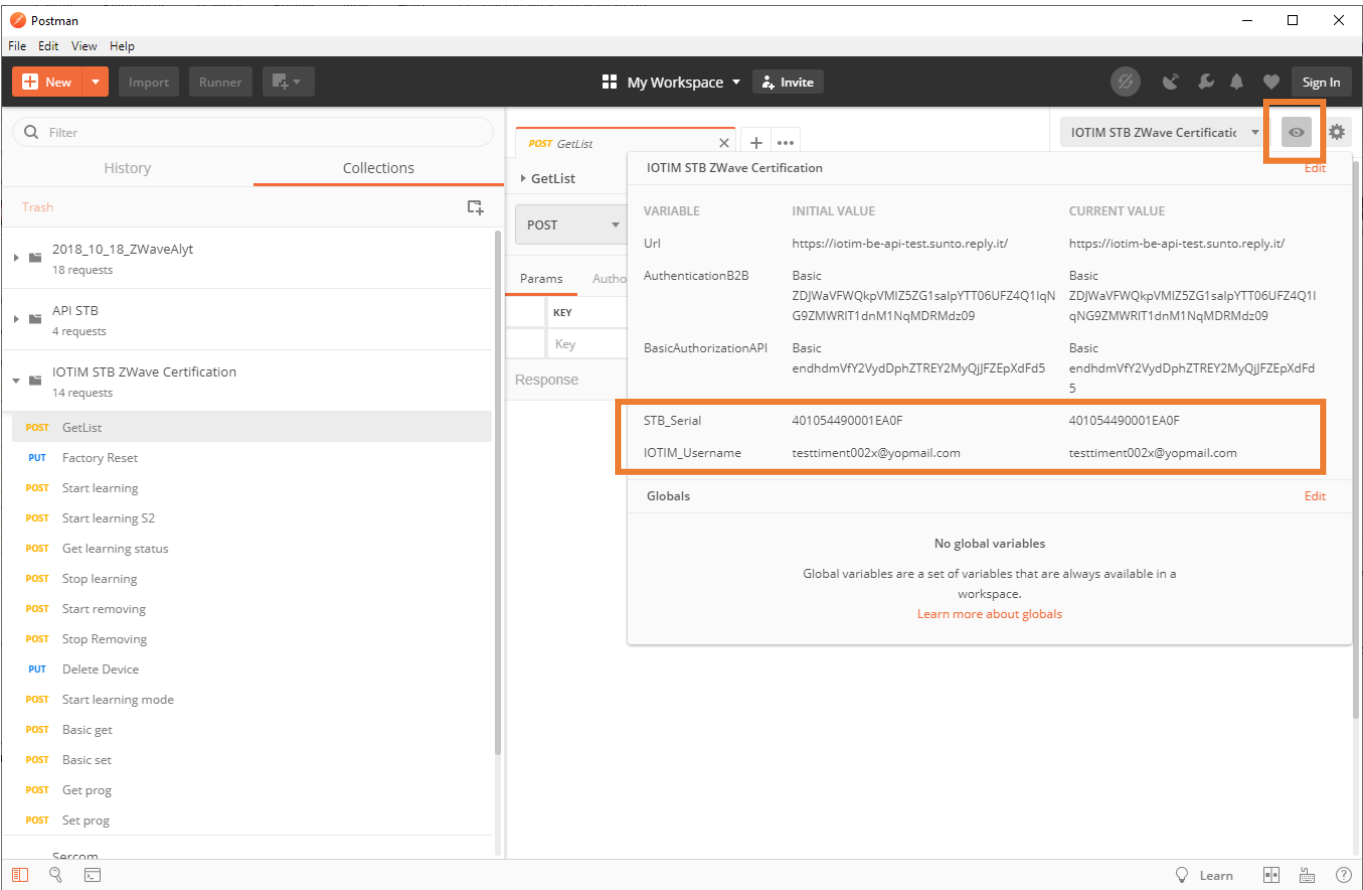
Select the “IOTIM STB ZWave Certification” environment with the dropdown menu on the top right



|                             |                    |            |
|-----------------------------|--------------------|------------|
| redatto da:                 | approvato da:      | revisione: |
| unit:                       | data di emissione: | pag: 6/9   |
| livello di classificazione: |                    |            |

CONTROLLER API DESCRIPTION

Select the “Eye” icon and set the correct value for the **STB\_Serial** and **IOTIM\_Username** variable in the **CURRENT VALUE** column



From Collections list, select a command and click on “Send”. The command result should be visible in the **Body** tab

### 3 SERVER METHODS

All methods are also available via the mobile app, unless otherwise stated.

#### 3.1 GET LIST

Get list of devices connected to the STB.

#### 3.2 FACTORY RESET

Reset the Z-Wave controller to factory settings. This also cause device removal from mobile and STB application.

#### 3.3 START LEARNING

Start the inclusion process for a Z-Wave device.

#### 3.4 START LEARNING S2

Start the Security S2 inclusion process for a Z-Wave device

**Parameters:**

**dsk:** the DSK of the devices (usually found on the device box)

#### 3.5 GET LEARNING STATUS

Get the inclusion/removal process status.

#### 3.6 STOP LEARNING

Stop the inclusion process.

#### 3.7 START REMOVING

Start the removal process for a Z-Wave device.

#### 3.8 STOP REMOVING

Stop the removal process.

#### 3.9 DELETE DEVICE

Remove a failed node from the network

**Parameters:**

**uuid:** the unique ID of the devices (can be found in the *get list* command result)

redatto da:

approvato da:

revisione:

unit:

data di emissione:

pag: 8/9

livello di classificazione:

### 3.10 START LEARNING MODE

Put the STB in learn mode.

**NOTE:** not available in mobile app.

### 3.11 BASIC GET

Run the *basic get* command on a Z-Wave device

**Parameters:**

**uuid:** the unique ID of the devices (can be found in the *get list* command result)

**NOTE:** only available in mobile app for unknown devices

### 3.12 BASIC SET

Run the *basic set* command on a Z-Wave device

**Parameters:**

**uuid:** the unique ID of the devices (can be found in the *get list* command result)

**value:** the value to be set. Valid values are integers in 0-100 range, or strings “on” and “off”.

**NOTE:** only available in mobile app for unknown devices

redatto da:

unit:

approvato da:

data di emissione:

revisione:

pag: 9/9

livello di classificazione: