

# *ASUS IoT*

## ASUS IoT Cloud Console User Manual (ver 1.1.8.2)

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# Chapter 1: Getting started

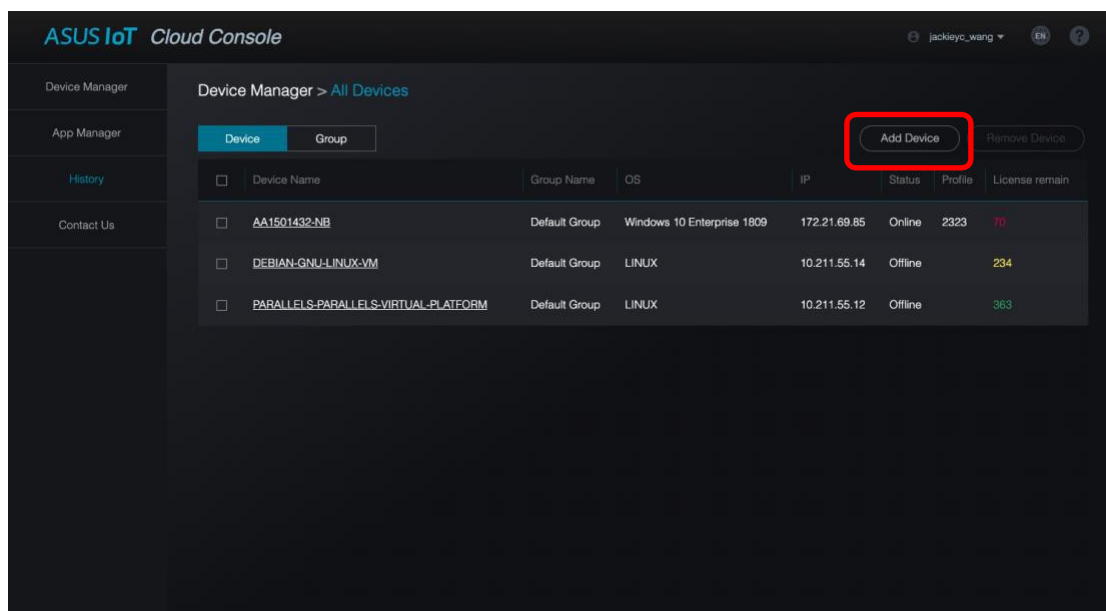
## 1.1 Introduction to ASUS IoT Cloud Console

With ASUS IoT Cloud Console, you can manage devices and projects with simple steps, know the online status, modify profile settings and deploy applications remotely, any modifications can be synced in real time.

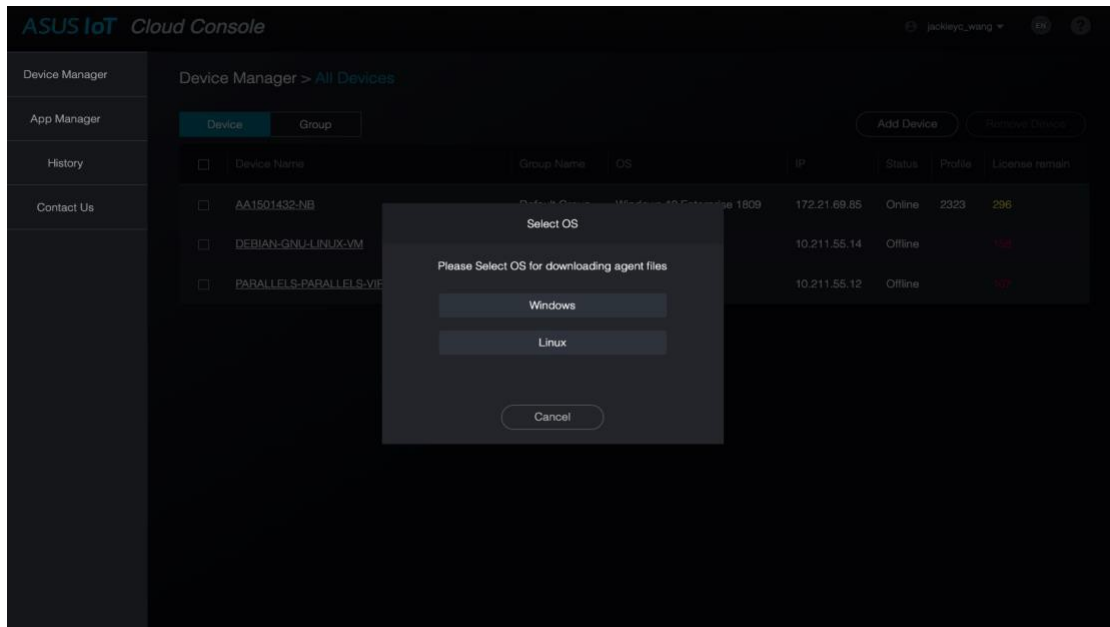
## 1.2 Quick Start

Before you manage your devices in the ASUS IoT Cloud Console, you should follow the steps below to set up:

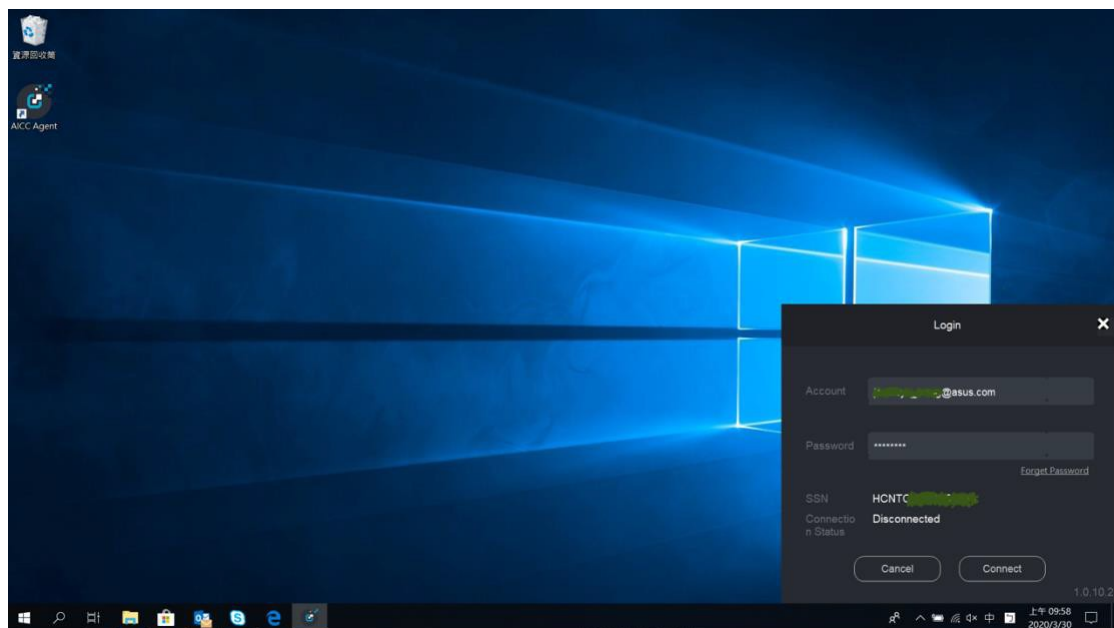
- 1 Login ASUS IoT Cloud Console (<https://aicc.asus.com/>)
- 2 Click **"Add Device"** at the top right of the website



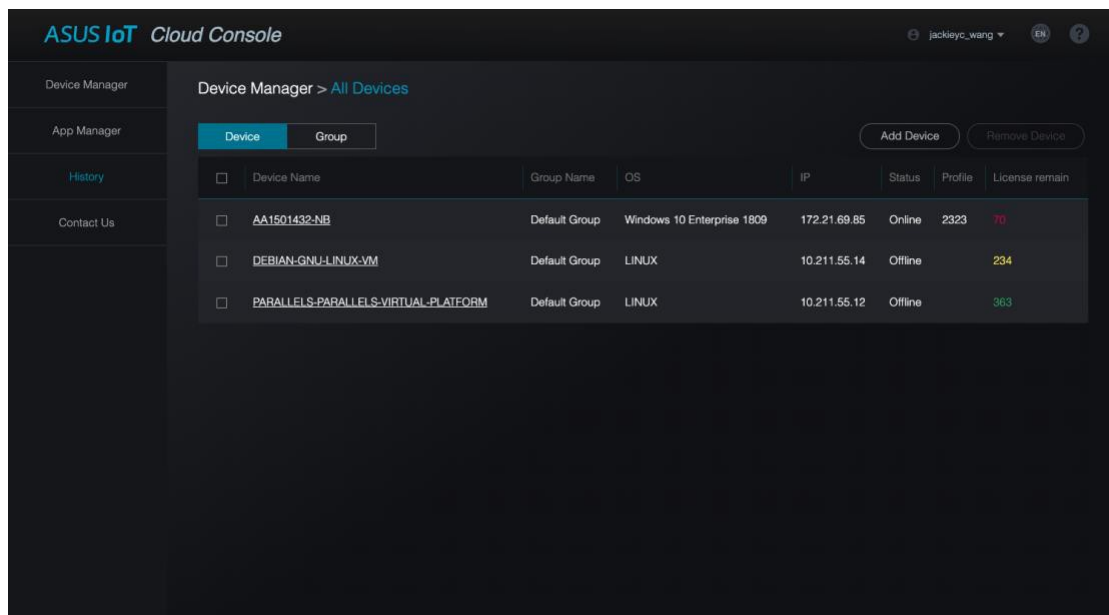
- 3 Select OS for downloading the agent file and install the agent file on the device which you want to manage.



- 4 Login with the ASUS Account on your device.

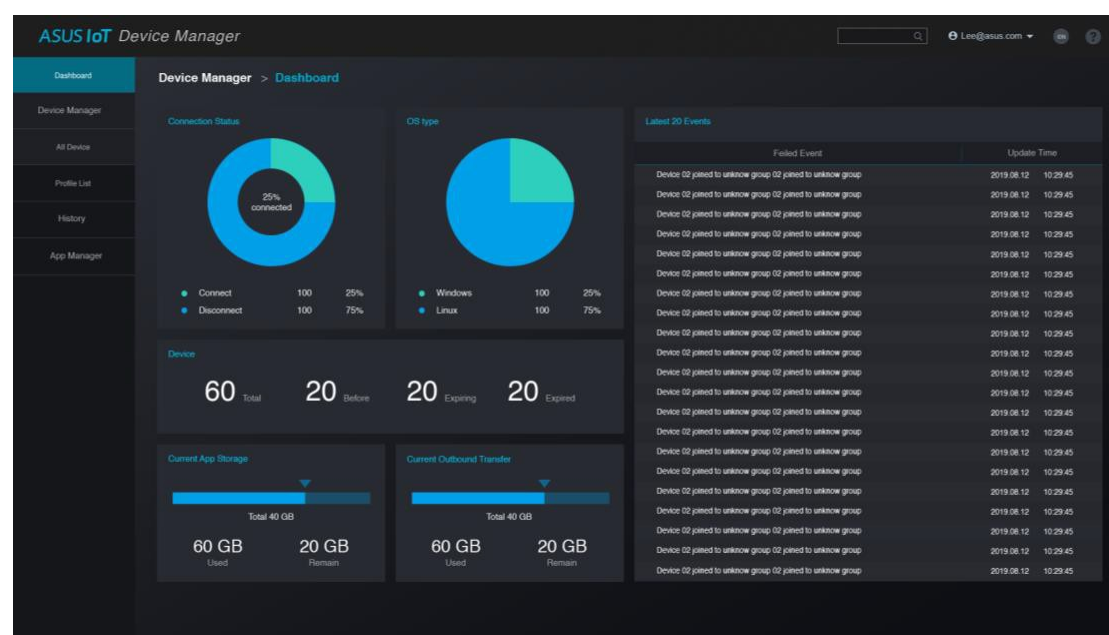


5 Few seconds later, the device will be showed in the ASUS IoT Cloud Console.



### 1.3 ASUS IoT Cloud Console Dashboard

Once you add device, you can know overall status in the main dashboard which is displayed as below.



### 1.3.1 Connection Status

This section shows the number and percentage of the connected and disconnected devices.

### 1.3.2 OS Type

This section shows the number and percentage of the different OS devices.

### 1.3.3 Device License

This section shows the number of the total devices, the devices before expiration date, the devices with 30 days before expiration date, and the expired devices.

### 1.3.4 App Storage

When one device is added in ASUS IoT Cloud Console, there is 1 GB for app storage. The section shows the app storage information.

### 1.3.5 Outbound Transfer

When one device is added in ASUS IoT Cloud Console, there is 1 GB for app outbound transfer. The section shows the outbound transfer information.

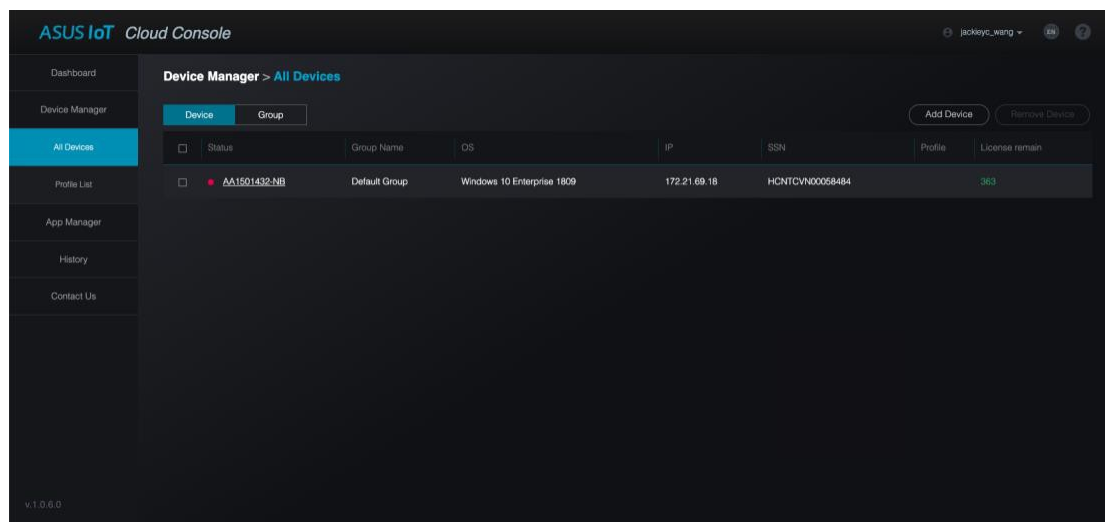
### 1.3.6 Fail Events

This section shows the latest fail events such as installing application fail.

# Chapter 2: Device Manager

## 2.1 Introduction

In the “**All Devices**”, the all devices are listed with detail information which including online status, device name, group name, OS type, IP address, series number, profile settings, and license expiration days.



## 2.2 Add or remove device

### 2.2.1 Add device

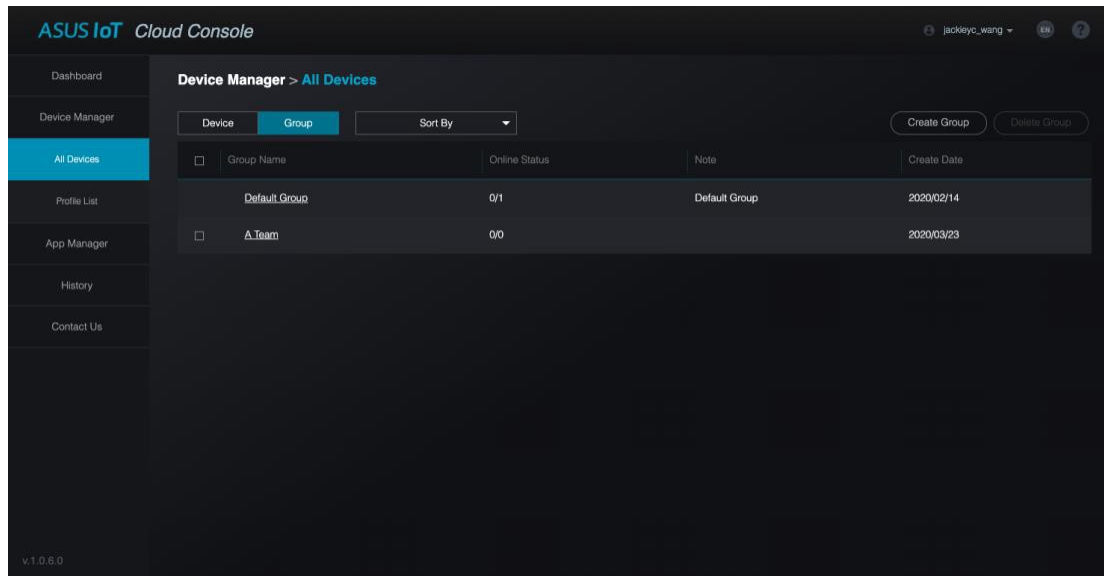
Please refer to [1.2 Quick Start](#).

### 2.2.2 Remove device

If you don't want to manage your device, you can remove the devices by selecting the devices and click Remove Device in the upper right.

## 2.3 Group management

You can group the devices by creating the group. In this way, you can deploy the application to the group devices in the same time.



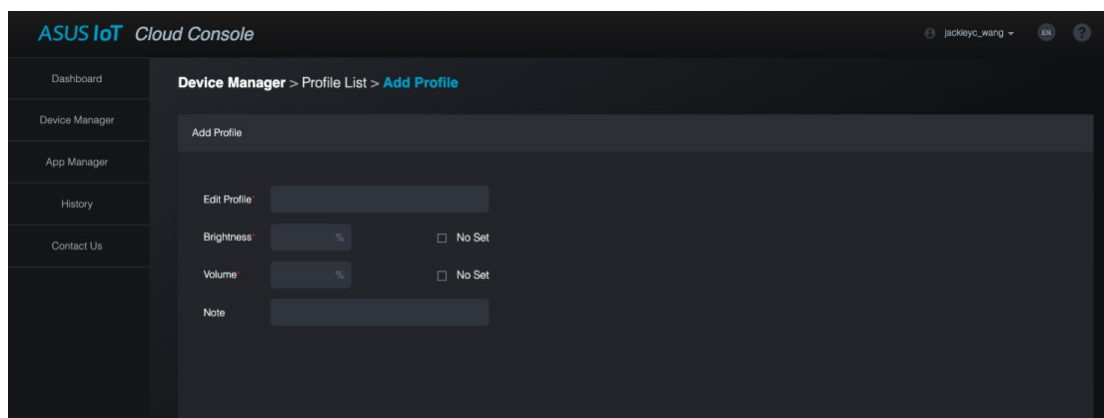
## 2.4 Profile management

You can set up the profiles with different settings such as disable Bluetooth, enable WiFi, set the volume and so on. After the profile is created, you can send to profile to the individual device or group devices to configurate.

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NOTE : The profile list may be deferent due to different hardware component.

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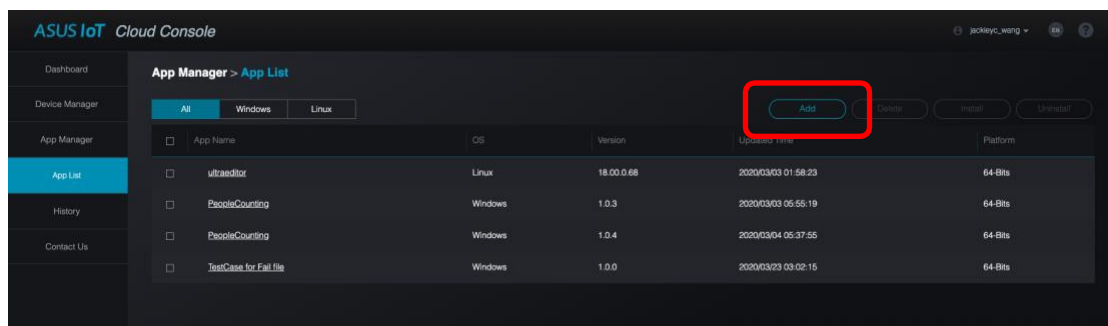
# Chapter 3: App Manager

## 3.1 Introduction

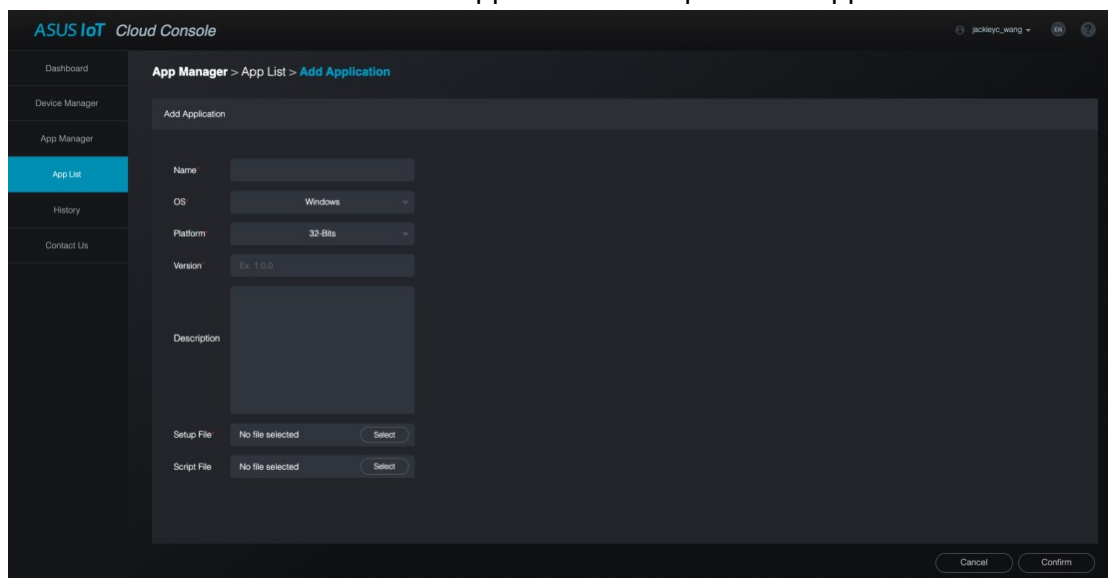
The **App Manager** function allows you to deploy, upgrade or uninstall the application remotely.

## 3.2 How to deploy the application

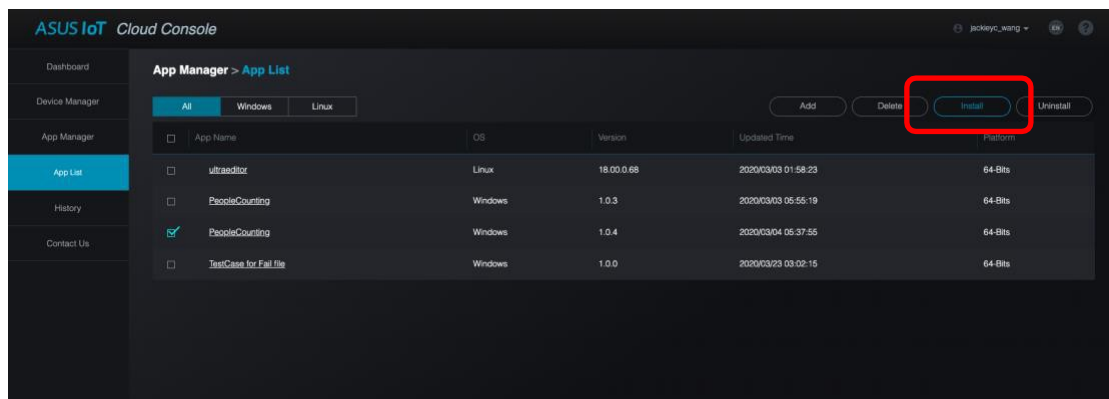
1. Click **Add** to add the application in ASUS IoT Cloud Console first.



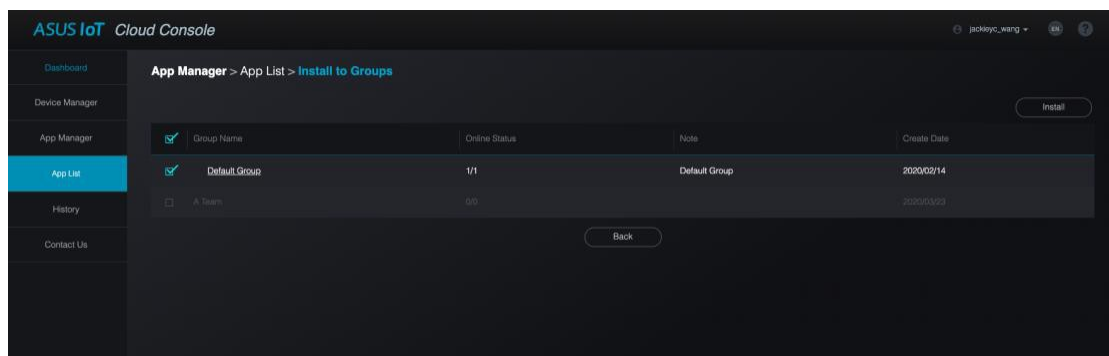
2. Provide the information of the application and upload the application file.



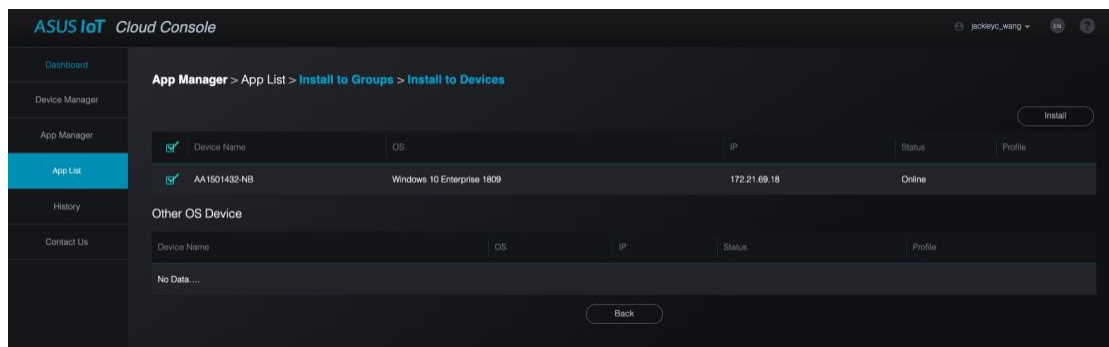
### 3. Select the application and click the Install button



### 4. Select the Group which you want to install

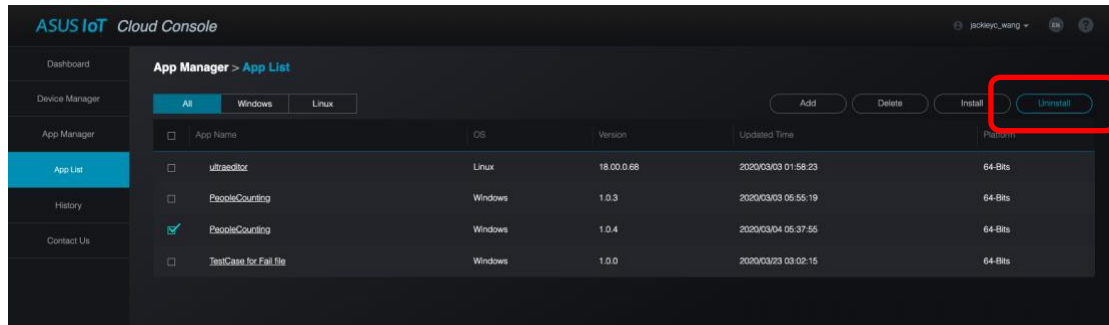


### 5. Besides installing by group, you also can install application by each device.

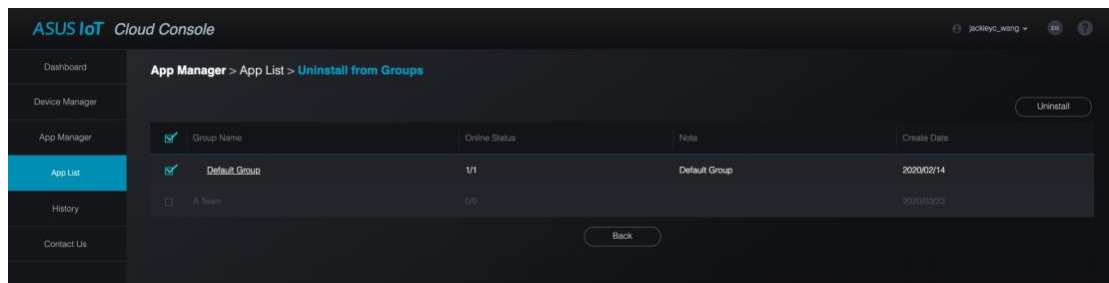


### 3.3 How to uninstall the application

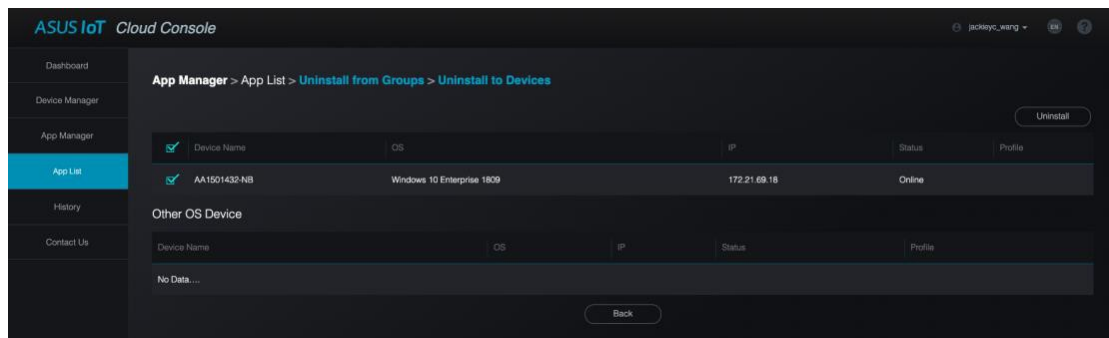
1. Select the application and click the uninstall button



2. Select the Group which you want to uninstall



3. Besides installing by group, you also can uninstall application by each device.



# Chapter 4: Data Monitor

## 4.1 Introduction

The **Data Monitor** function allows you to update your data from your devices to ASUS IoT Cloud Console dashboard. You just provide the json format file and the agent application will send the data to ASUS IoT Cloud Console automatically.

## 4.2 How to update the data

1. Follow the json format below and modify the variables. The json file size should be smaller than 4KB.

===== json format =====

```
{
  "report": [
    {
      "id": 1,
      "name": "Temp1",
      "type": "number",
      "value": 30
    },
    {
      "id": 10,
      "name": "LightStatus",
      "type": "string",
      "value": "On"
    }
  ],
  "report_timestamp": 1589524711
}

{
  "report": [
    {
      "id": 1,
      "name": "Temp1",
      "type": "number",
      "value": 21
    },
    {
      "id": 10,
      "name": " LightStatus ",
      "type": " string ",
      "value": "Off"
    }
  ],
  "report_timestamp": 1589554711
}
```

=====

### Definition:

**id:** Positive integer. It should be 1, 2, 3, 4, 5, 6, 7, 8, 9 or 10

**name:** string

**type:** either “number” or “string”

**value:** If type is “number”, then this value should be a number. Otherwise, it should be a string in double quotes

**report\_timestamp:** UNIX timestamp in seconds

2. Save json file to the paths according to the Operation System. And then the agent application will send the data to ASUS IoT Cloud Console automatically. Once the file is sent, the file will be deleted.

For Windows, the file path is

<user name directory>\AiccAgentClient\CUSTOM\_REPORT.txt

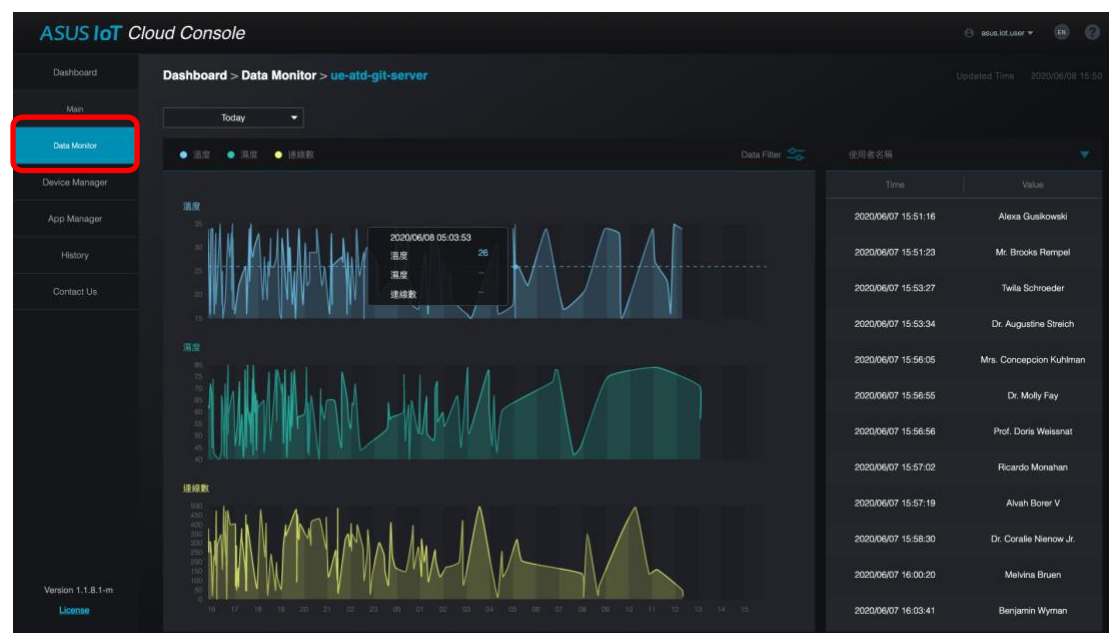
Note: The directory AiccAgentClient should be created by user herself

For Debian or Ubuntu, the file path is

/usr/share/AiccAgentClient/CUSTOM\_REPORT

## 4.3 Data monitor dashboard

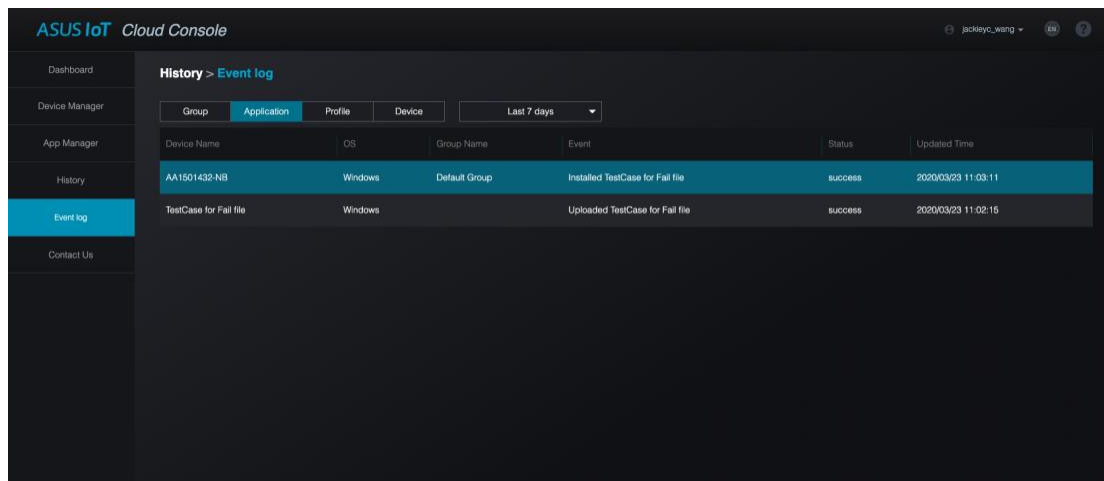
After data are sent to ASUS IoT Cloud Console, you can monitor these data in the **Data Monitor** page.



# Chapter 5: History

## 5.1 Introduction

The **History** function allows you to check the status after your actions such as creating group, deploying the application, setting up the profile and adding the devices.

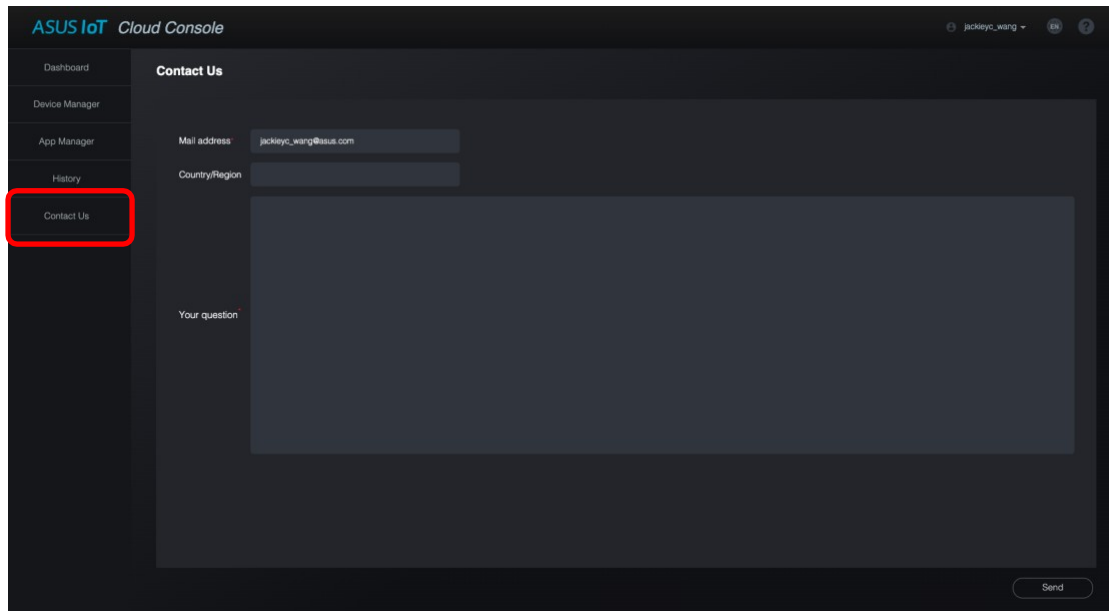


## 5.2 Sorting by time

This platform will keep up to 1 year status and you can check by different period which including **Today**, **Last 7 days**, **Last 30 days**, and **Last 1 year**.

## Chapter 6: Contact Us

If you have any question, feedback or suggestions, you can leave the message by the **Contact Us** function.



The screenshot shows the ASUS IoT Cloud Console interface. On the left is a sidebar menu with options: Dashboard, Device Manager, App Manager, History, and Contact Us. The 'Contact Us' option is highlighted with a red rectangle. The main content area is titled 'Contact Us' and contains a form with the following fields: 'Mail address' (pre-filled with 'jackeyc\_wang@asus.com'), 'Country/Region', and a large text area labeled 'Your question'. A 'Send' button is located at the bottom right of the form.