Configure Your Device

Configuring your device allows it to connect to your Wi-Fi network. Your device must be connected to your Wi-Fi network to install required files and send messages to AWS IoT. All devices must install a device certificate, private key and root CA certificate in order to communicate with AWS IoT.

Configure an AWS IoT Button

The easiest way to configure your AWS IoT button is by using the AWS IoT button smart phone app. You can download it from the [Apple App Store](#) or the [Google Play Store](#). If you are unable to use the smart phone app, follow these directions to configure your button:

To configure your AWS IoT button:

Turn on your device

1. Remove the AWS IoT button from its packaging, and then press and hold the button until a blue blinking light appears. (This should take no longer than 15 seconds.)

2. The button acts as a Wi-Fi access point, so when your computer searches for Wi-Fi networks, it will find one called **Button ConfigureMe - XXX** where *XXX* is a three-character string generated by the button. Use your computer to connect to the button's Wi-Fi access point.

3. The first time you connect to the button's Wi-Fi access point, you will be prompted for the WPA2-PSK password. Type the last 8 characters of the device serial number (DSN). You'll find the DSN on the back of the device, as shown here:

DSN:XXXX XXXX XXXX XXXX

powered by
amazon
web services

Model No. JK76PL   FCC ID: 2ACBE-0610
Assembled in China

Copy your device certificate and private key onto your AWS IoT button

To connect to AWS IoT, you must copy your device certificate onto the AWS IoT button.

1. In a browser, navigate to http://192.168.0.1/index.html.

2. Complete the configuration form.

   - Type your Wi-Fi SSID and password.
   - Browse to and select your certificate and private key.
   - Find your custom endpoint in the AWS IoT console. (From the dashboard, in the left navigation pane, choose **Registry** to expand the selection, and then choose **Things**. Select the box representing your button to show its details page. On the details page, in the left navigation pane, choose **Interact** and look for the **HTTPS** section.) Your endpoint will look something like the following:

     ```
     [📋 Copy]

     ABCDEFG1234567.iot.us-east-2.amazonaws.com
     ```
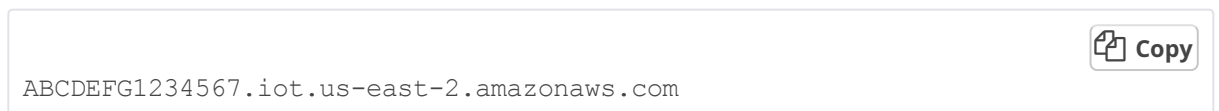
     where `ABCDEFG1234567` is the subdomain and `us-east-2` is the region.
   - On the **Button ConfigureMe** page, type the subdomain, and then choose the region that matches the region in your AWS IoT endpoint.
   - Select the **Terms and Conditions** check box. Your settings should now look like the following:

Button ConfigureMe

Enter the value for any field that you wish to change for device: **G030JF055364XVRB**

Wi-Fi Configuration:
SSID   Guest
Security   ☑ Open Network(No Password)
Password   None (unsecured)

AWS IoT Configuration:
Certificate   Choose File   MyIoTButtonCert.pem
Private Key   Choose File   MyIoTButto...ateKey.pem
Endpoint Subdomain   AMUN9F6MTZ77O
Endpoint Region
Final Endpoint   AMUN9F6MTZ77O.iot.us-east-1.amazonaws.com

☑ By clicking this box, you agree to the AWS IoT Button Terms and Conditions.
[Configure]

- Choose **Configure**. Your button should now connect to your Wi-Fi network.

Configure a Different Device

Consult your device's documentation to connect to it and copy your device certificate, private key and root CA certificate onto your device.

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