

Advantech AE Technical Share Document

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Category	<input type="checkbox"/> FAQ <input checked="" type="checkbox"/> SOP	Related OS	N/A
Abstract	How to set Edgelinek to connect to AWS IoT		
Keyword	AWS IoT, MQTT		
Related Product	ADAM-3600, ECU-1152, ECU-1251, ECU-1051		

■ **Problem Description:**

This document shows how to set Edgelinek to connect to AWS IoT.

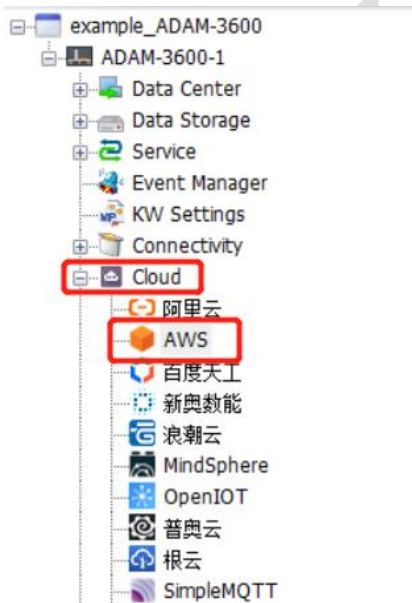
■ **Answer:**

AWS IoT configuration:

Please refer to the official document for AWS IOT configuration.

<https://docs.aws.amazon.com/iot/latest/developerguide/register-device.html>

Edgelinek Configuration:



1. Host:

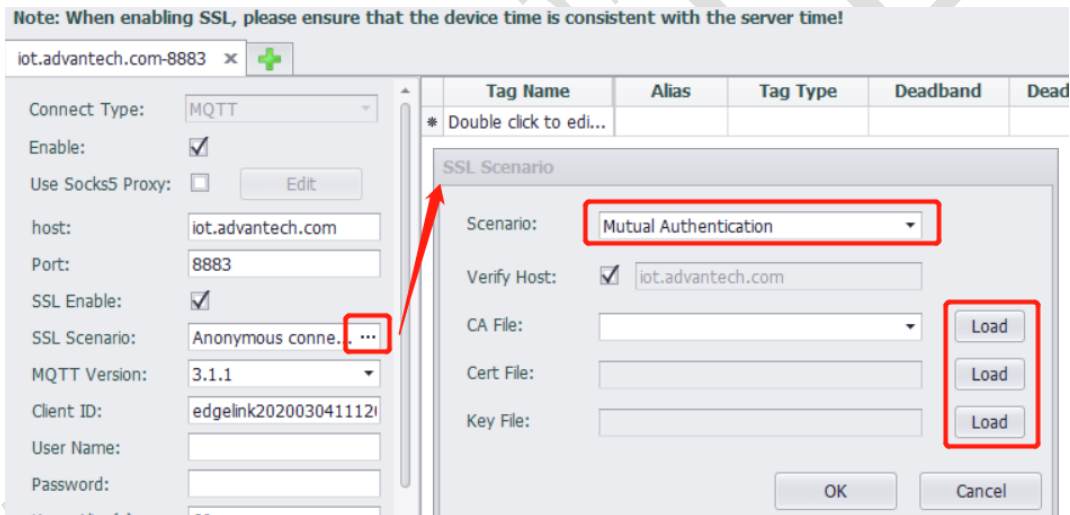
host:

Copy from AWS IoT page.



2. Port: 8883
3. SSL

SSL Enable: We must enable SSL to match AWS.



SSL Scenario: Mutual Authentication. The CA file (xxx.pem), Cert file (xxx-certificate.pem.crt) and Key file (xxx-private.pem.key) you should select the files you have downloaded in AWS IoT.

Certificate created!

Download these files and save them in a safe place. Certificates can be retrieved at any time, but t after you close this page.

In order to connect a device, you need to download the following:

A certificate for this thing	c3c4ff2375.cert.pem	Download
A public key	c3c4ff2375.public.key	Download
A private key	c3c4ff2375.private.key	Download

You also need to download a root CA for AWS IoT:

A root CA for AWS IoT [Download](#)

[Activate](#)

4. Username and password: None
5. Thing name:

Thing Name:

Fill in the name of the thing you have created in AWS IoT.

CREATE A THING

Add your device to the thing registry

This step creates an entry in the thing registry and a thing shadow for your device.

Name

Apply a type to this thing

Using a thing type simplifies device management by providing consistent registry data for things that share a typ common set of attributes, which describe the identity and capabilities of your device, and a description.

Thing Type