AD\ANTECH Enabling an Intelligent Planet

Advantech AE Technical Share Document

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Category	□FAQ ■SOP	Related OS	N/A	
Abstract	How to set Edgelink to connect to AWS IoT			
Keyword	AWS IOT, MQTT			
Related				
Product	ADAM-3000, ECO-1152, ECO-1251, ECO-1051			

Problem Description:

This document shows how to set Edgelink 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

Edgelink Configuration:



1. Host:



Copy from AWS IoT page.

AD\ANTI	CH Enabl	ling an Intelligent P	lanet		
aws	服务 🗸 资源组 🗸	*	¢.	ptmickey 👻	俄亥俄 🔻
					0
AWS IOT	设置				Û
m					\odot
监控	专	有终端节点 Proprieta	ry Terminal Node		
入门培训	这	是您可用于连接到 AWS loT 的终	端节点。您的每个事物都在此约	终端节点上有一个	可用的 REST
管理					
中全					
女主	终	遗节点		-2	
防护	防护 a3rege7f3ixwsv-ats.iot.us-east-2.amazonaws.com				
行动					
测试					
Port: 8883 SSL SSL Enable: V	Ve must enable s	SSL to match AWS.	int with the server time!	5	
iot.advantech.com-8			ine with the server time.		
		Tag Name	Alias Tag Type	Deadband	Dead
Connect Type:	MQTT -	* Double click to edi			
Enable:		SSL Scenario			
Use Socks5 Proxy:					
host:	iot.advantech.com	Scenario: Muti	ual Authentication	•	
Port:	8883	Verify Host: 🗹	iot.advantech.com		
SSL Enable:		CA File:		- Load	
SSL Scenario:	Arionymous conne.	Cert File:			51
Client ID:	edgelink202002041112	Cert File.		Load	
User Name:	eugemik202003041112	Key File:		Load	

SSL Scenario: Mutual Authentication. The CA file (xxx.pem), Cert file

Password:

(xxx-certificate.pem.crt) and Key file (xxx-private.pem.key) you should select the files you have downloaded in AWS IoT.

ОК

Cancel

Certificate created!

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

5

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:

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A root CA for AWS Io 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		
MylotThing		

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