

# 前置準備作業

1. 一台已連上網路的電腦
  2. 一個 AWS 帳號
- 

## Step 1. 登入到 AWS

登入網址: <https://aws.amazon.com/tw/>

Resource Groups

mmosconii@gmail.com @ 3313...

Global

Support

## Welcome to Identity and Access Management

IAM users sign-in link:

<https://.signin.aws.amazon.com/console> | [Customize](#)

### IAM Resources


<a href="#">Users: 5</a>	<a href="#">Roles: 32</a>
<a href="#">Groups: 2</a>	<a href="#">Identity Providers: 0</a>
<a href="#">Customer Managed Policies: 27</a>	

### Security Status

4 out of 5 complete.

✓	Activate MFA on your root account	▼
✓	Create individual IAM users	▼
✓	Use groups to assign permissions	▼
⚠	Apply an IAM password policy	▼
✓	Rotate your access keys	▼

### Feature Spotlight



< ● ● ● ● >

### Additional Information

- [IAM best practices](#)
- [IAM documentation](#)
- [Web Identity Federation Playground](#)
- [Policy Simulator](#)
- [Videos, IAM release history and additional resources](#)

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# Step 2. 設定 AWS SNS 服務

❖ 2.1 點選上方 【 Services 】 → 點選 【 Simple Notification Service 】

Resource Groups ▾

Find a service by name or feature (for example, EC2, S3 or VM, storage).

Group A-Z

 <b>Compute</b> <ul style="list-style-type: none"><li>EC2</li><li>Lightsail ↗</li><li>Elastic Container Service</li><li>Lambda</li><li>Batch</li><li>Elastic Beanstalk</li></ul>	 <b>Developer Tools</b> <ul style="list-style-type: none"><li>CodeStar</li><li>CodeCommit</li><li>CodeBuild</li><li>CodeDeploy</li><li>CodePipeline</li><li>Cloud9</li><li>X-Ray</li></ul>	 <b>Machine Learning</b> <ul style="list-style-type: none"><li>Amazon SageMaker</li><li>Amazon Comprehend</li><li>AWS DeepLens</li><li>Amazon Lex</li><li>Machine Learning</li><li>Amazon Polly</li><li>Rekognition</li><li>Amazon Transcribe</li><li>Amazon Translate</li></ul>	 <b>Mobile Services</b> <ul style="list-style-type: none"><li>Mobile Hub</li><li>AWS AppSync</li><li>Device Farm</li><li>Mobile Analytics</li></ul>
 <b>Storage</b> <ul style="list-style-type: none"><li>S3</li><li>EFS</li><li>Glacier</li><li>Storage Gateway</li></ul>	 <b>Management Tools</b> <ul style="list-style-type: none"><li>CloudWatch</li><li>AWS Auto Scaling</li><li>CloudFormation</li><li>CloudTrail</li><li>Config</li><li>OpsWorks</li></ul>	 <b>Analytics</b> <ul style="list-style-type: none"><li>Athena</li><li>EMR</li><li>CloudSearch</li><li>Elasticsearch Service</li></ul>	 <b>AR &amp; VR</b> <ul style="list-style-type: none"><li>Amazon Sumerian ↗</li></ul>
 <b>Database</b>			 <b>Application Integration</b> <ul style="list-style-type: none"><li>Step Functions</li><li>Amazon MQ</li><li><b>Simple Notification Service</b></li><li>Simple Queue Service</li><li>SWF</li></ul>

## ❖ 2.2 點選 【 Create topic 】

## SNS dashboard

Building a mobile app? Try [AWS Mobile Hub](#).

### Common actions



#### Create topic

Create a communication channel to send messages and subscribe to notifications



#### Create platform application

Create a platform application for mobile devices



#### Create subscription

Subscribe an endpoint to a topic to receive messages published to that topic



#### Publish message

Publish a message to a topic or as a direct publish to a platform endpoint



#### Publish text message (SMS)

Publish a text message to a phone number

### Resources

You are using the following Amazon SNS resources in the us-east-1 region:

Topic	1
Subscriptions	6
Applications	0
Endpoints	0

### More info

[Getting started](#)

[Documentation](#)

[API reference](#)

[Forums](#)

[Service health](#)



### ❖ 2.3 設定 Topic 資訊

- ☆ 在 【 Topic name 】 欄位中輸入 Topic 資訊，例如：alert
- ☆ 在 【 Display name 】 欄位中輸入顯示名稱資訊，例如：alert
- ☆ 點選 【 Create topic 】 按鈕

Resource Groups

mmosconii@gmail.com @ 3313... N. Virginia Support

### Create new topic

Building a mobile app? Try [AWS Mobile Hub](#).

Topic name will be used to create a permanent unique identifier called an Amazon Resource Name (ARN).

**Topic name**  ⓘ

**Display name**  ⓘ

[Cancel](#) [Create topic](#)

endpoint

**Publish text message (SMS)**  
Publish a text message to a phone number

[Documentation](#)  
[API reference](#)  
[Forums](#)  
[Service health](#)

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Resource Groups

mmosconii@gmail.com @ 3313... N. Virginia Support


### Create new topic


Topic name will be used to create a permanent unique identifier called an Amazon Resource Name (ARN).

Topic name  ⓘ

Display name  ⓘ

Cancel **Create topic**

 Publish a message to a topic or as a direct publish to a platform endpoint

 **Publish text message (SMS)**  
Publish a text message to a phone number

[Documentation](#)  
[API reference](#)  
[Forums](#)  
[Service health](#)

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❖ 2.4 點選 **【 Create subscription 】** 的按鈕

▼

Resource Groups

▼

📌

🔔

mmosconii@gmail.com @ 3313...

▼

N. Virginia

▼

Support

▼

## Topic details: alert

Publish to topic

Other topic actions ▼

Topic ARN

arn:aws:sns:us-east-1:

:alert

Topic owner

Region

us-east-1

Display name

alert

## Subscriptions

Create subscription

Request confirmations

Confirm subscription

Other subscription actions ▼

🔄

?

Filter

<input type="checkbox"/>	Subscription ID	Protocol	Endpoint	Subscriber
--------------------------	-----------------	----------	----------	------------

### ❖ 2.5 建立 subscription 資訊

☆ 在 【 Protocol 】 欄位選擇 Email

☆ 在 【 Endpoint 】 欄位中輸入所要接收到信件の電子信箱

☆ 點選 【 Create subscription 】 按鈕

Resource Groups

mmosconli@gmail.com @ 3313... N. Virginia Support

### Create subscription

Topic ARN

Protocol

Endpoint

Cancel

<input type="checkbox"/>	Subscription ID	Protocol	Endpoint	Subscriber
--------------------------	-----------------	----------	----------	------------

Resource Groups

mmosconii@gmail.com @ 3313... N. Virginia Support

### Create subscription

**Topic ARN**

**Protocol**

**Endpoint**

<input type="checkbox"/>	Subscription ID	Protocol	Endpoint	Subscriber
--------------------------	-----------------	----------	----------	------------

❖ 2.6 subscription 信件確認

☆ 目前 Subscription ID 的狀態為 PendingConfirmation

## Topic details: alert

[Publish to topic](#)[Other topic actions ▼](#)

Topic ARN    arn:aws:sns:us-east-1:    :alert

Topic owner

Region    us-east-1

Display name    alert

## Subscriptions

[Create subscription](#)[Request confirmations](#)[Confirm subscription](#)[Other subscription actions ▼](#)

Filter

<input type="checkbox"/>	Subscription ID	Protocol	Endpoint	Subscriber
<input type="checkbox"/>	PendingConfirmation	email	mmosconii@gm...	

☆ 到上一步驟所填的 Email 信箱收取認證信，並點選信件中的 Confirm subscription 連結

Subscription Confirmation



收件匣 x



s.amazonaws.com>

14:13 (2 分鐘前) ☆



(繁體) ▾ 翻譯郵件

關閉下列語言的翻譯功能：英文 x

subscribe to the topic:

st-1: :alert

scription, click or visit the link below (If this was in error no action is necessary):

!

rtly to this email. If you wish to remove yourself from receiving all future SNS subscription confirmation requests please send an email to [sns-opt-out](#)

☆ 認證信確認成功後的畫面





## Simple Notification Service

**Subscription confirmed!**

subscribed mmosconii@gmail.com to the topic:

Subscription's id is:

arn:aws:sns:us-east-1:

lc86

If not your intention to subscribe, [click here to unsubscribe](#).

☆ Subscription ID 的狀態從 PendingConfirmation 改變為另一個狀態

## Topic details: alert

[Publish to topic](#)[Other topic actions ▼](#)

Topic ARN    arn:aws:sns:us-east-1:    :alert

Topic owner

Region    us-east-1

Display name    alert

## Subscriptions

[Create subscription](#)[Request confirmations](#)[Confirm subscription](#)[Other subscription actions ▼](#)

Filter

<input type="checkbox"/>	Subscription ID	Protocol	Endpoint	Subscriber
<input type="checkbox"/>	arn:aws:sns:us-east-1:	email	mmosconii@gm...	



❖ 2.7 傳送信件測試

☆ 點選 【 Publish to topic 】 按鈕

## Topic details: alert

[Publish to topic](#)[Other topic actions ▼](#)

Topic ARN    arn:aws:sns:us-east-1:    :alert

Topic owner

Region    us-east-1

Display name    alert

## Subscriptions

[Create subscription](#)[Request confirmations](#)[Confirm subscription](#)[Other subscription actions ▼](#)

Filter

<input type="checkbox"/>	Subscription ID	Protocol	Endpoint	Subscriber
<input type="checkbox"/>	arn:aws:sns:us-east-1:	email	mmosconii@gm...	



- ☆ 在 【 Subject 】 欄位輸入一個主旨，例如： test123
- ☆ 在 【 Message 】 欄位輸入信件內容，例如： 6666
- ☆ 在 【 Key pair name 】 欄位輸入一個名稱，例如： ec2-node-red

## Publish a message

Amazon SNS enables you to publish notifications to all subscriptions associated with a topic as well as to an individual endpoint associated with a platform application.

Topic ARN

arn:aws:sns:us-east-1: :alert



Subject



Message format

☒ Raw

☐ JSON

Message

▼

Resource Groups

▼

📌

🔔

mmosconii@gmail.com @ 3313... ▼

N. Virginia ▼

Support ▼

## Publish a message

Amazon SNS enables you to publish notifications to all subscriptions associated with a topic as well as to an individual endpoint associated with a platform application.

Topic ARN

arn:aws:sns:us-east-1: :alert

?

Subject

test123

?

Message format

☒ Raw

☐ JSON

Message

6666



☆ 點選 【 Publish message 】 按鈕



JSON message generator

Time to live (TTL)



Message Attributes

key

Attribute type



value or ["value1", "value2"]



Cancel

Publish message

☆ 到之前所填寫的 Email 收信

x



s.amazonaws.com&gt;

14:31 (1 分鐘前) ☆



: (繁體) ▾ 翻譯郵件

關閉下列語言的翻譯功能：英文 x

receiving notifications from this topic, please click or visit the link below to unsubscribe:

[.amazonaws.com/unsubscribe.html?SubscriptionArn=arn:aws:sns:us-east-1:123456789012:my-topic](https://aws.amazon.com/unsubscribe.html?SubscriptionArn=arn:aws:sns:us-east-1:123456789012:my-topic)  
[@amazon.com](mailto:123456789012@amazon.com)

directly to this email. If you have any questions or comments regarding this email, please contact us at <https://aws.amazon.com/support>