

2021 雲端商務應用-建立 VM



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登入

- aws.amazon.com
- AWS 管理主控台



oregon 建立 windows VM

- AWS
- EC2
- Site: Oregon (cheapest)

The screenshot shows the AWS Management Console interface. At the top, the navigation bar includes the AWS logo (highlighted with a red arrow), 'Services', 'Edit', and user information 'Chih-Pin Fong' and 'Tokyo' (also highlighted with a red arrow). The main content area is titled 'Amazon Web Services' and is divided into several categories: 'Compute', 'Developer Tools', 'Internet of Things', 'Game Development', 'Mobile Services', 'Storage & Content Delivery', 'Management Tools', and 'Additional Resources'. The 'Compute' section is expanded, showing 'EC2 Virtual Servers in the Cloud' (highlighted with a red arrow), 'EC2 Container Service', 'Elastic Beanstalk', and 'Lambda'. The 'Developer Tools' section includes 'CodeCommit', 'CodeDeploy', and 'CodePipeline'. The 'Internet of Things' section includes 'AWS IoT'. The 'Game Development' section includes 'GameLift'. The 'Mobile Services' section includes 'Mobile Hub', 'Cognito', and 'Device Farm'. The 'Storage & Content Delivery' section includes 'S3' and 'CloudFront'. The 'Management Tools' section includes 'CloudWatch', 'CloudFormation', and 'CloudTrail'. The 'Additional Resources' section includes 'Getting Started' and 'Read our documentation or view our training to learn more about AWS.'

AWS Services

Services Edit Chih-Pin Fong Tokyo Support

Amazon Web Services

Compute

- EC2 Virtual Servers in the Cloud
- EC2 Container Service Run and Manage Docker Containers
- Elastic Beanstalk Run and Manage Web Apps
- Lambda Run Code in Response to Events

Developer Tools

- CodeCommit Store Code in Private Git Repositories
- CodeDeploy Automate Code Deployments
- CodePipeline Release Software using Continuous Delivery

Internet of Things

- AWS IoT Connect Devices to the Cloud

Game Development

- GameLift Deploy and Scale Session-based Multiplayer Games

Mobile Services

- Mobile Hub Build, Test, and Monitor Mobile Apps
- Cognito User Identity and App Data Synchronization
- Device Farm Test Android, FireOS, and iOS Apps on Real Devices in

Storage & Content Delivery

- S3 Scalable Storage in the Cloud
- CloudFront Global Content Delivery Network

Management Tools

- CloudWatch Monitor Resources and Applications
- CloudFormation Create and Manage Resources with Templates
- CloudTrail Track User Activity and API Usage

Resource Groups

Learn more

Resources with "Name" tag

Create a Group Tag Editor

Additional Resources

Getting Started [Read our documentation](#) or view our [training](#) to learn more about AWS.

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- Launch Instance

Reserved Instances
Commands
Dedicated Hosts

IMAGES
AMIs
Bundle Tasks

ELASTIC BLOCK STORE

Easily deploy Ruby, PHP, Java, .NET, Python, Node.js & Docker applications with [Elastic Beanstalk](#).

Create Instance

To start using Amazon EC2 you will want to launch a virtual server, known as an Amazon EC2 instance.

Launch Instance

<https://ap-northeast-1.console.aws.amazon.com/ec2/v2/home?region=ap-northeast-1#LaunchInstanceWizard>

AWS Services Edit Chih-Pin Fong Tokyo Sup

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Tag Instance 6. Configure Security Group 7. Review

Step 1: Choose an Amazon Machine Image (AMI)

 [Cancel and E](#)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. You can select an AMI provided by AWS, our user community, or the AWS Marketplace; or you can select one of your own AMIs.


Quick Start

Mv AMIs

 Amazon Linux AMI 2016.03.0 (HVM). SSD Volume Type - ami-f80e0596 **Select**

1 to 22 of 22 AMIs

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 **AWS** ▾ **Services** ▾ **Edit** ▾

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Tag Instance 6. Configure Security Group 7. Review

Step 1: Choose an Amazon Machine Image (AMI)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. You can select a community, or the AWS Marketplace; or you can select one of your own AMIs.


Quick Start

My AMIs

AWS Marketplace

Community AMIs


☐ Free tier only

**Amazon Linux**
Free tier eligible

Amazon Linux AMI 2016.03.0 (HVM), SSD Volume Type - ami-f80e0596

The Amazon Linux AMI is an EBS-backed, AWS-supported image. The default image includes AWS command line tools, Py and Java. The repositories include Docker, PHP, MySQL, PostgreSQL, and other packages.


Root device type: ebs Virtualization type: hvm

**Red Hat**
Free tier eligible

Red Hat Enterprise Linux 7.2 (HVM), SSD Volume Type - ami-0dd8f963

Red Hat Enterprise Linux version 7.2 (HVM), EBS General Purpose (SSD) Volume Type

Root device type: ebs Virtualization type: hvm

**SUSE Linux Enterprise Server 12 SP1 (HVM) SSD Volume Type** - ami-f8220896

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Step 7: Review Instance Launch

Please review your instance launch details. You can go back to edit changes for each section. Click **Launch** to assign a key pair to your instance and complete the launch process.

⚠ Improve your instances' security. Your security group, launch-wizard-2-4-myTestEC2, is open to the world.
Your instances may be accessible from any IP address. We recommend that you update your security group rules to allow access from known IP addresses only.
You can also open additional ports in your security group to facilitate access to the application or service you're running, e.g., HTTP (80) for web servers. [Edit security groups](#)

AMI Details

[Edit AMI](#)

**Microsoft Windows Server 2012 R2 Base - ami-57282639**

Free tier eligible

Microsoft Windows 2012 R2 Standard edition with 64-bit architecture. [English]
Root Device Type: ebs Virtualization type: hvm

If you plan to use this AMI for an application that benefits from Microsoft License Mobility, fill out the [License Mobility Form](#). [Don't show me this again](#)

Instance Type

[Edit instance type](#)

Instance Type	ECUs	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance
t2.micro	Variable	1	1	EBS only	-	Low to Moderate

[Cancel](#)

[Previous](#)

[Launch](#)

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Select an existing key pair or create a new key pair

A key pair consists of a **public key** that AWS stores, and a **private key file** that you store. Together, they allow you to connect to your instance securely. For Windows AMIs, the private key file is required to obtain the password used to log into your instance. For Linux AMIs, the private key file allows you to securely SSH into your instance.

Note: The selected key pair will be added to the set of keys authorized for this instance. [Learn more about removing existing key pairs from a public AMI.](#)

Choose an existing key pair

Select a key pair

Loading...

☐ I acknowledge that I have access to the selected private key file (*.pem), and that without this file, I won't be able to log into my instance.

Cancel

Launch Instances

Grey Out Now

A red arrow pointing from the right side of the image towards the 'Launch Instances' button in the dialog box.

EC2 目前使用資源(和計費相關, 重要)

The screenshot displays the AWS Management Console interface for the Asia Pacific (Tokyo) region. The top navigation bar includes the AWS logo, 'AWS' dropdown, 'Services' dropdown, 'Edit' dropdown, and user information 'Chih-Pin Fong' and 'Tokyo'.

The left sidebar contains the following navigation items:

- EC2 Dashboard (highlighted with a red arrow)
- Events
- Tags
- Reports
- Limits
- INSTANCES
 - Instances
 - Spot Requests

The main content area is titled 'Resources' (highlighted with a red arrow) and shows the following text: 'You are using the following Amazon EC2 resources in the Asia Pacific (Tokyo) region:'.

The resources are listed in two columns:

Resource Type	Count	Description
Running Instances	1	正在跑的機器(VM)有多少台 (highlighted with a red arrow)
Dedicated Hosts	0	注意: 只是計算能力
Volumes	1	空間, 硬碟, 一個 instances 必定有相對應 Vol
Key Pairs	2	密碼組 (highlighted with a red arrow)
Placement Groups	0	
Elastic IPs	0	
Snapshots	0	
Load Balancers	0	
Security Groups	2	防火牆安全設定 (highlighted with a red arrow)

The right sidebar, titled 'Account Attributes', lists the following information:

- Supported Platforms
 - VPC
- Default VPC
 - vpc-12309077
- Resource ID length manageme
- Additional Information