

BitTiger AWS 安装说明

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BITTIGER

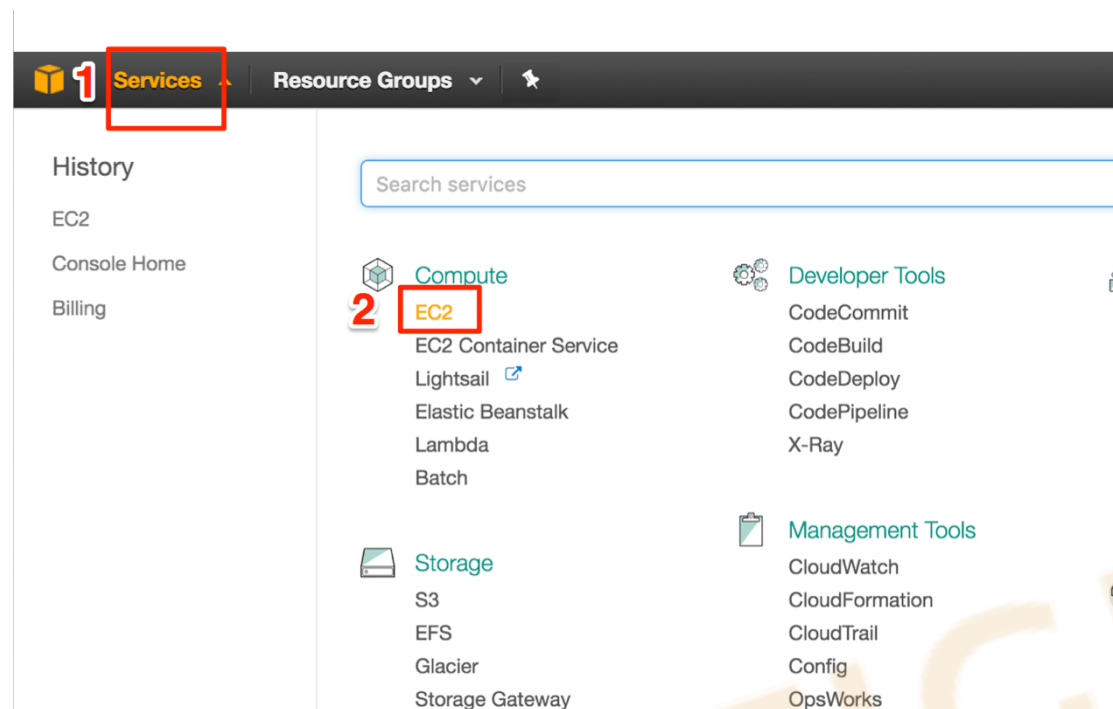
环境：Mac OS X 10.11.6

第一步：注册 Amazon Web Services(以下简称 AWS)帐号

1. 新用户：官网注册帐号

第二步：Choose AMI

1. 到 EC2



2.

(1).Choose "US West (N.California)"as server location

(2).Search "BitTiger"

(3).Launch it

The screenshot shows the AWS Management Console interface. In the top right, the region is set to 'N. California'. On the left sidebar, the 'AMIs' section under 'IMAGES' is highlighted. The main content area shows a search for 'Public images' with the search term 'bittiger'. The search results table lists one image: 'BitTiger_FNN_CNN_Image' with AMI ID 'ami-30e3b550'. Below the table, the 'Details' tab for this image is expanded, showing various attributes like AMI ID, Owner, Status, Creation date, Architecture, Virtualization type, Root Device Name, RAM disk ID, Product Codes, AMI Name, Source, State Reason, Platform, Image Type, Description, Root Device Type, Kernel ID, and Block Devices. The 'Launch' button is visible at the top left of the image details section.

第三步 : Choose an Instance Type

(1).Select t2.micro

The screenshot shows the 'Step 2: Choose an Instance Type' page in the AWS Management Console. The page title is 'Step 2: Choose an Instance Type'. Below the title, there is a description of Amazon EC2 instance types. The 'Filter by' section shows 'All instance types' selected. The 'Currently selected' section shows 't2.micro (Variable ECUs, 1 vCPUs, 2.5 GHz, Intel Xeon Family, 1 GiB memory, EBS only)'. The table below lists various instance types, with 't2.micro' highlighted. The 'Review and Launch' button is highlighted at the bottom right.

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance	IPv6 Support
<input type="checkbox"/>	General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
<input checked="" type="checkbox"/>	General purpose	t2.micro	1	1	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.small	1	2	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.medium	2	4	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.large	2	8	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.xlarge	4	16	EBS only	-	Moderate	Yes

Buttons at the bottom: Cancel, Previous, Review and Launch, Next: Configure Instance Details

(2).Step 3 : Configure Instance : use default settings

(3).Step 4 : Add Storage : use default settings

(4).Step 5 : Add Tags : use default settings

第四步：Configure Security Group：Add four types

Step 6: Configure Security Group

[Learn more](#) about Amazon EC2 security groups.

Assign a security group: ☒ Create a new security group
☐ Select an existing security group

Security group name:

Description:

Type	Protocol	Port Range	Source
SSH	TCP	22	Anywhere 0.0.0.0, ::/0
HTTP	TCP	80	Anywhere 0.0.0.0, ::/0
HTTPS	TCP	443	Anywhere 0.0.0.0, ::/0
Custom TCP Rule	TCP	6101	Anywhere 0.0.0.0, ::/0

(1). Step 7: Review Instance Launch

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

Step 7: Review Instance Launch

⚠ Improve your instances' security. Your security group, launch-wizard-2, 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](#)

BitTiger_FNN_CNN_Image - ami-30e3b550
 FNN and CNN on Jupyter Notebook
 Root Device Type: ebs Virtualization type: hvm

▼ 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

▼ Security Groups [Edit security groups](#)

Security group name: launch-wizard-2
 Description: launch-wizard-2 created 2017-04-12T18:47:16.694+08:00

第五步：输入终端机

1. 找到自己的 key-pair-name-key-pair.pem 文件的所在位置，并打开终端机，例如：lintzuchi-key-pair.pem

2. ssh to the instance

(1). sudo ssh -i key-pair-name ubuntu@IPv4 Public IP*(注一)

例如：sudo ssh -i "lintzuchi-key-pair.pem" ubuntu@54.183.5.149*(注二)

*注一：IPv4 Public IP

The screenshot shows the AWS Management Console interface. On the left, the 'INSTANCES' menu is expanded, and 'Instances' is selected. The main panel displays the details for the instance 'i-02eb8d8a44af046f7'. The 'IPv4 Public IP' is highlighted with a red box and is '54.183.5.149'.

Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)
i-02eb8d8a44af046f7	t2.micro	us-west-1c	running	2/2 checks ...	None	ec2-54-183-5-149.us-west-1.compute.amazonaws.com

*注二：sudo

使用者通常为系统的超级使用者，允许使用者透过安全的方式使用特殊的权限执行程式

(2). 输入 `sudo miniconda3/bin/jupyterhub`

3. 浏览器输入 IPv4 Public IP : YOUR_PORT

例如：54.183.5.149:6101

4. 登入画面输入账号密码

ID : training01

password : DCYL

5. 成功登入：完成！

重启时

从 ssh to the instance 的步骤再执行一遍