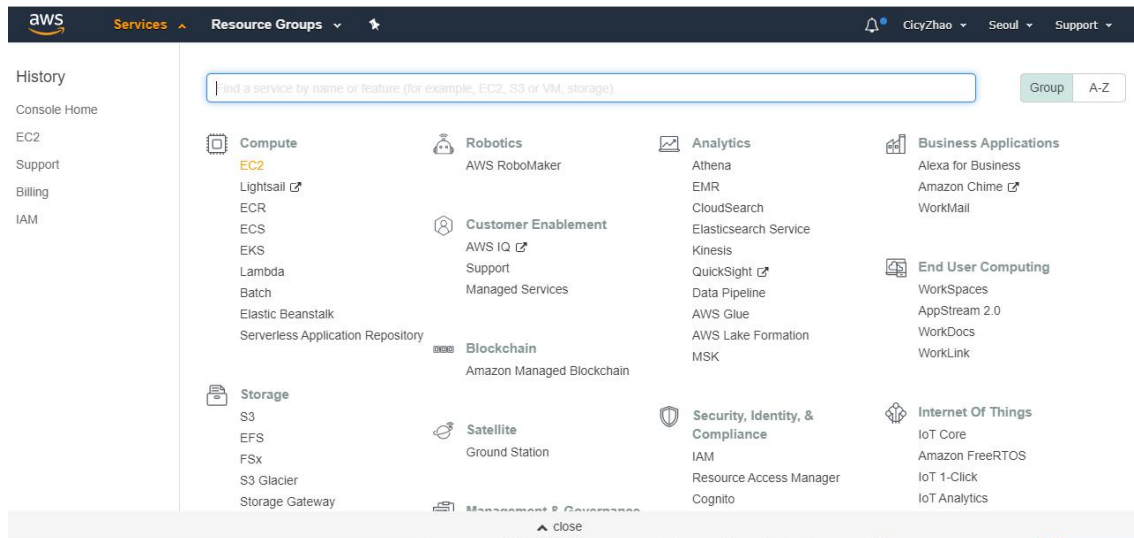
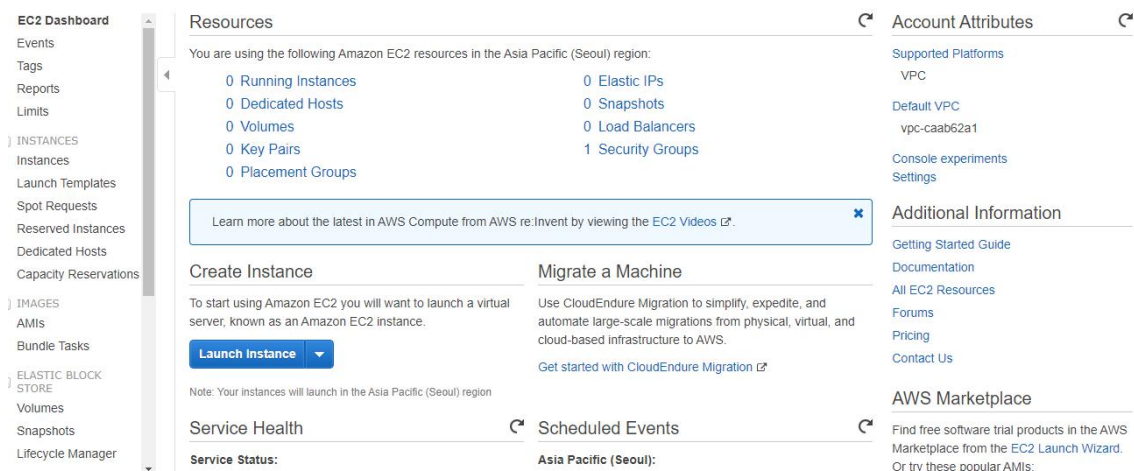


Create EC2 Instance Guide

1. Click Services choose EC2



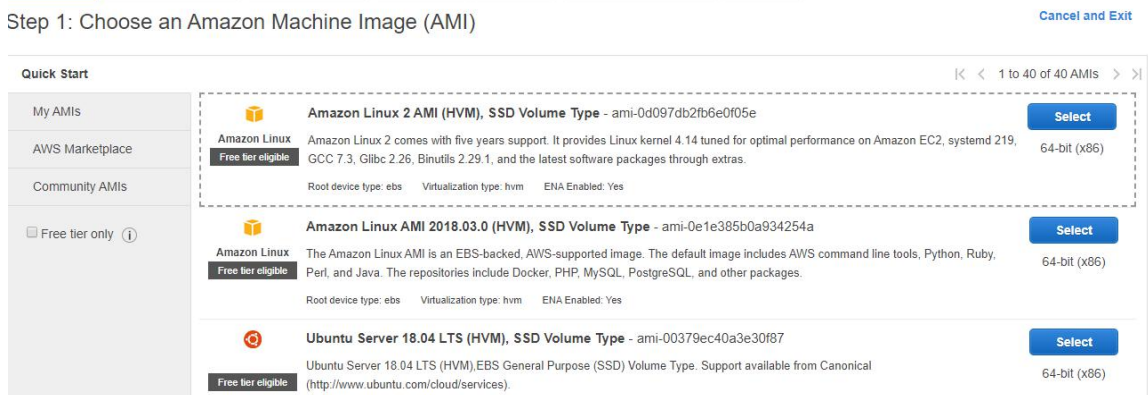
2. Click Launch Instance



3. Start EC2 configuration

Step 1

Step 1: Choose an Amazon Machine Image (AMI)



Step 2

Step 2: Choose an Instance Type

Currently selected: t2.micro (Variable ECUs, 1 vCPUs, 2.5 GHz, Intel Xeon Family, 1 GiB memory, EBS only)

	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 Free tier eligible	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
<input type="checkbox"/>	General purpose	t2.2xlarge	8	32	EBS only	-	Moderate	Yes

[Cancel](#) [Previous](#) [Review and Launch](#) [Next: Configure Instance Details](#)

Step 3

Step 3: Configure Instance Details

Configure the instance to suit your requirements. You can launch multiple instances from the same AMI, request Spot instances to take advantage of the lower pricing, assign an access management role to the instance, and more.

Number of instances ⓘ [Launch into Auto Scaling Group](#) ⓘ

Purchasing option ⓘ ☒ Request Spot instances

Network ⓘ [Create new VPC](#)

Subnet ⓘ [Create new subnet](#)

Auto-assign Public IP ⓘ

Placement group ⓘ ☐ Add instance to placement group

Capacity Reservation ⓘ [Create new Capacity Reservation](#)

IAM role ⓘ [Create new IAM role](#)

[Cancel](#) [Previous](#) [Review and Launch](#) [Next: Add Storage](#)

Step 4

Step 4: Add Storage

Your instance will be launched with the following storage device settings. You can attach additional EBS volumes and instance store volumes to your instance, or edit the settings of the root volume. You can also attach additional EBS volumes after launching an instance, but not instance store volumes. [Learn more](#) about storage options in Amazon EC2.

Volume Type	Device	Snapshot	Size (GiB)	Volume Type	IOPS	Throughput (MB/s)	Delete on Termination	Encryption
Root	/dev/xvda	snap-0778e48c6fe051cd1	<input type="text" value="8"/>	General Purpose SSD (gp2)	100 / 3000	N/A	<input checked="" type="checkbox"/>	Not Encrypt

[Add New Volume](#)

Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage. [Learn more](#) about free usage tier eligibility and usage restrictions.

[Cancel](#) [Previous](#) [Review and Launch](#) [Next: Add Tags](#)

Step 5

Step 5: Add Tags

A tag consists of a case-sensitive key-value pair. For example, you could define a tag with key = Name and value = Webserver. A copy of a tag can be applied to volumes, instances or both. Tags will be applied to all instances and volumes. [Learn more](#) about tagging your Amazon EC2 resources.

Key (128 characters maximum)	Value (256 characters maximum)	Instances ⓘ	Volumes ⓘ
demo-cz	myservers	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Add another tag (Up to 50 tags maximum)			

[Cancel](#) [Previous](#) [Review and Launch](#) [Next: Configure Security Group](#)

Step 6

Step 6: Configure Security Group

A security group is a set of firewall rules that control the traffic for your instance. On this page, you can add rules to allow specific traffic to reach your instance. For example, if you want to set up a web server and allow Internet traffic to reach your instance, add rules that allow unrestricted access to the HTTP and HTTPS ports. You can create a new security group or select from an existing one below. [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 ⓘ	Description ⓘ
SSH	TCP	22	Custom 0.0.0.0/0	e.g. SSH for Admin Desktop
Add Rule				

Warning
Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

[Cancel](#) [Previous](#) [Review and Launch](#)

Step 7


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.

Warning
Improve your instances' security. Your security group, launch-wizard-1, 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](#)

 **Amazon Linux 2 AMI (HVM), SSD Volume Type - ami-0d097db2fb6e0f05e**
Amazon Linux 2 comes with five years support. It provides Linux kernel 4.14 tuned for optimal performance on Amazon EC2, systemd 219, GCC 7.3, Glibc 2.26, Binutils 2.29.1, and the latest software packages through extras.
Root Device Type: ebs Virtualization type: hvm

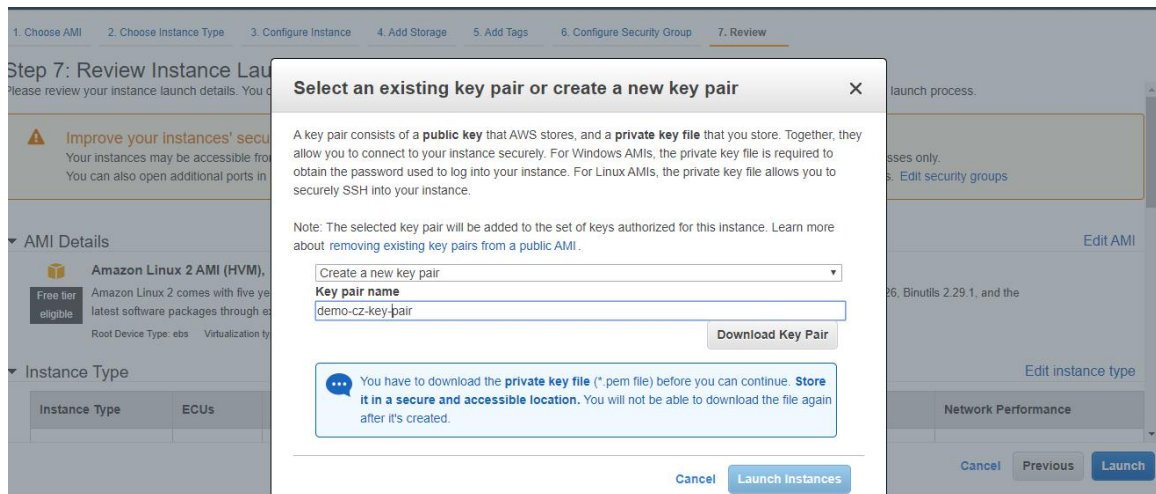
Instance Type

[Edit instance type](#)

Instance Type	ECUs	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance

[Cancel](#) [Previous](#) [Launch](#)

Create a key pair



You can click launch log for check your instance status

Launch Status

Your instances are now launching

The following instance launches have been initiated: [i-0cdc8e512d2991258](#) [Hide launch log](#)

Creating security groups	Successful (sg-0da983b0039be6003)
Authorizing inbound rules	Successful
Initiating launches	Successful
Launch initiation complete	

Get notified of estimated charges

Create billing alerts to get an email notification when estimated charges on your AWS bill exceed an amount you define (for example, if you exceed the free usage tier).

How to connect to your instances

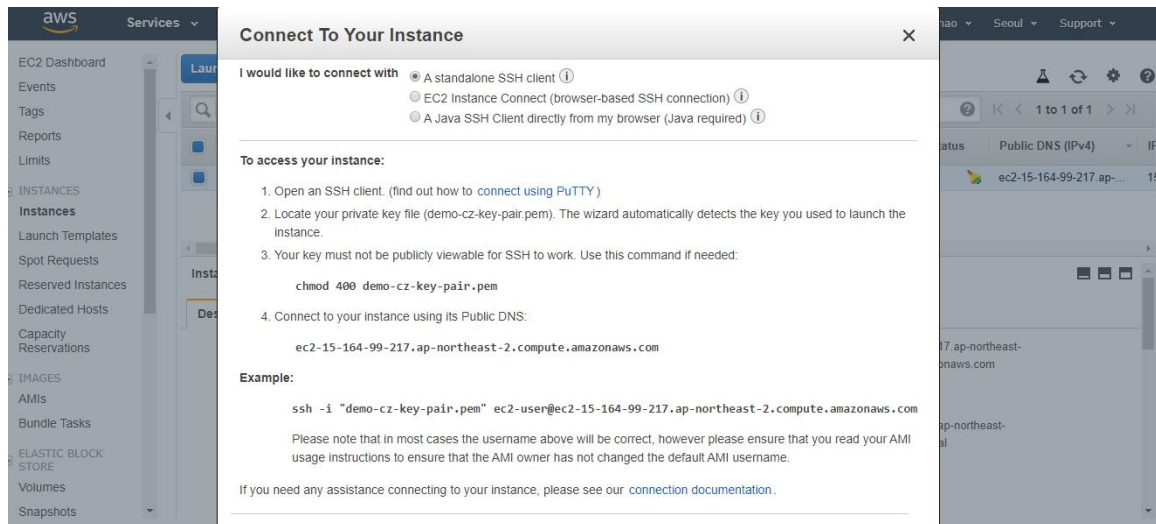
Your instances are launching, and it may take a few minutes until they are in the **running** state, when they will be ready for you to use. Usage hours on your new instances will start immediately and continue to accrue until you stop or terminate your instances.

Click **View instances** to monitor your instances' status. Once your instances are in the **running** state, you can **connect** to them from the Instances screen. [Find out](#) how to connect to your instances.

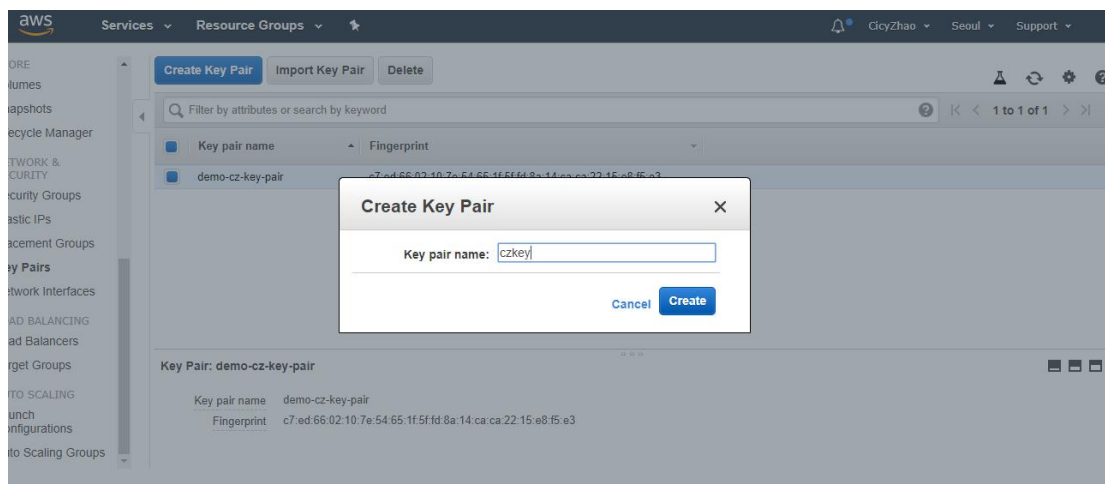
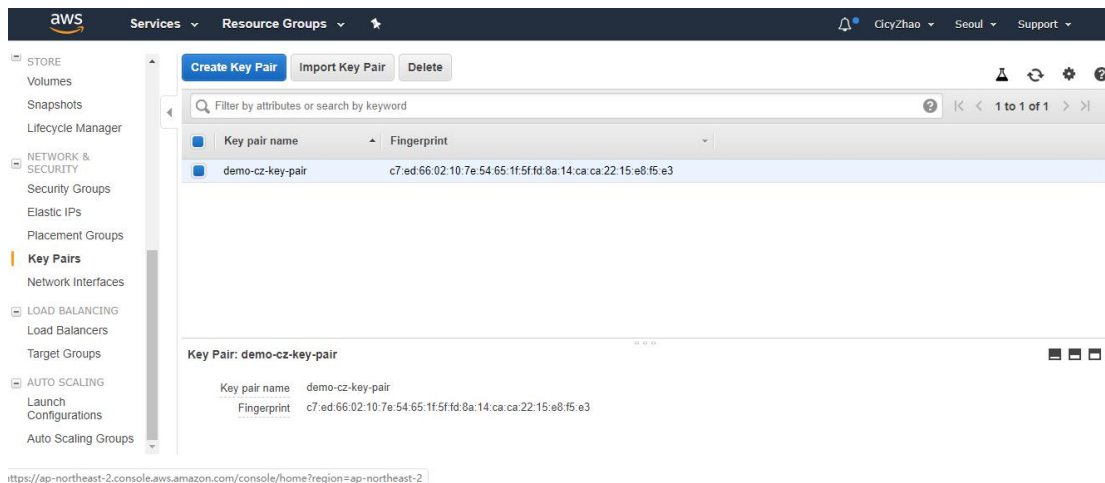
Return AWS console review instance status and details

*use public IP connect your instance

Click connect to connect your instance



Create mykey.pem



Gitbash connect

Cd keypair folder --> enter example comond

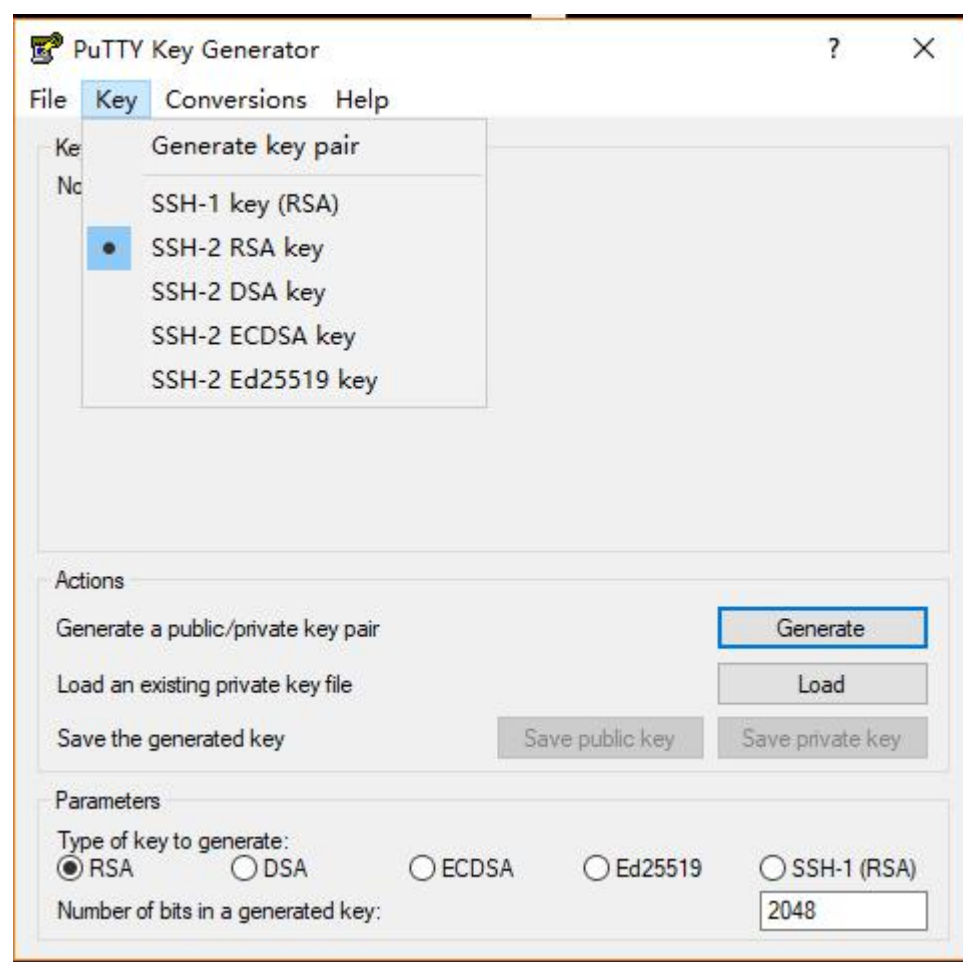

```
Eve-赵雅娟@MINGW64 /e/AWS
$ ssh -i "demo-cz-key-pair.pem" ec2-user@ec2-15-164-99-217.ap-northeast-2.compute.amazonaws.com
Last login: Thu Oct 31 14:10:27 2019 from 116.227.144.187

 _ _ | _ _ | _ _ )
 _ | ( _ _ / Amazon Linux 2 AMI
 _ | \ _ _ | _ _ |

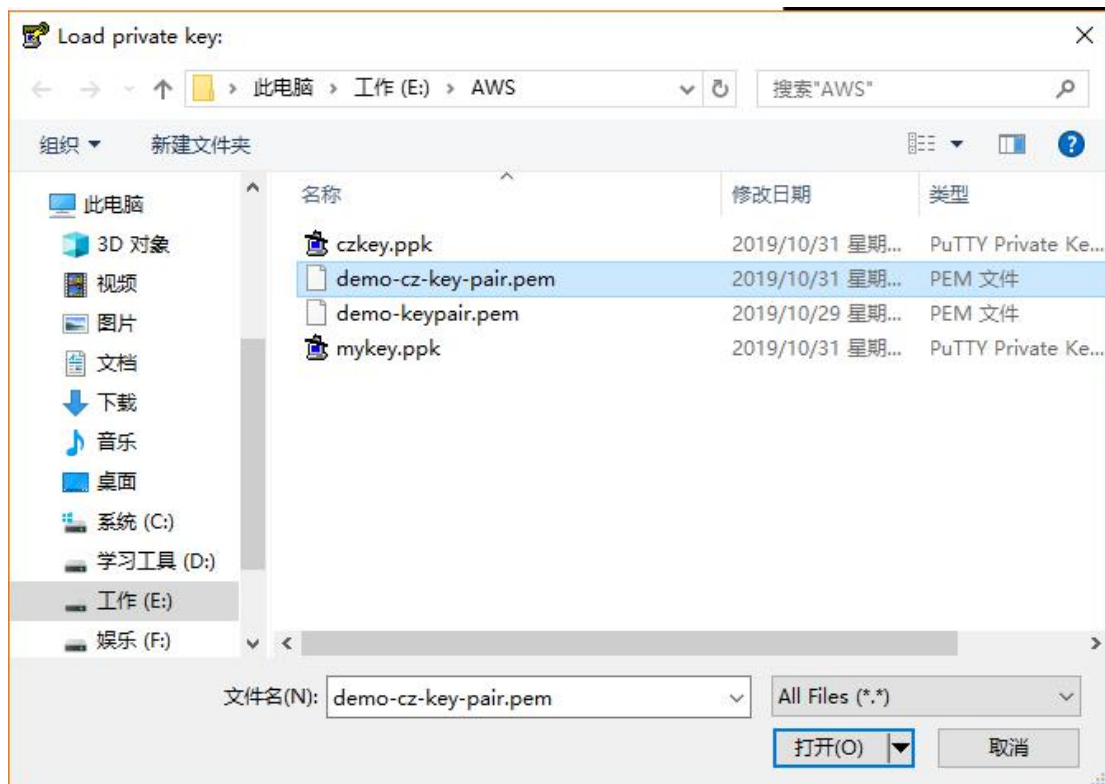
https://aws.amazon.com/amazon-linux-2/
27 package(s) needed for security, out of 51 available
Run "sudo yum update" to apply all updates.
```

Connect by PuTTY

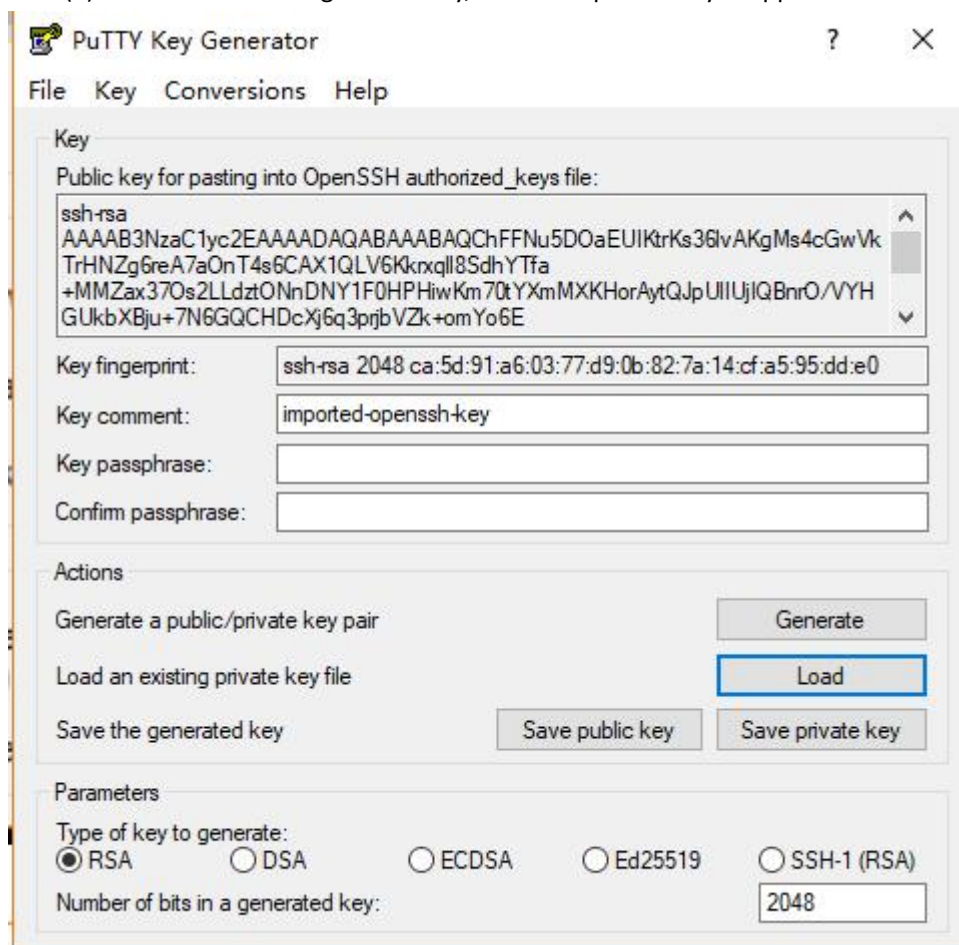
1. Generate private key
 - (1) Choose key type (SSH-2 RSA key)



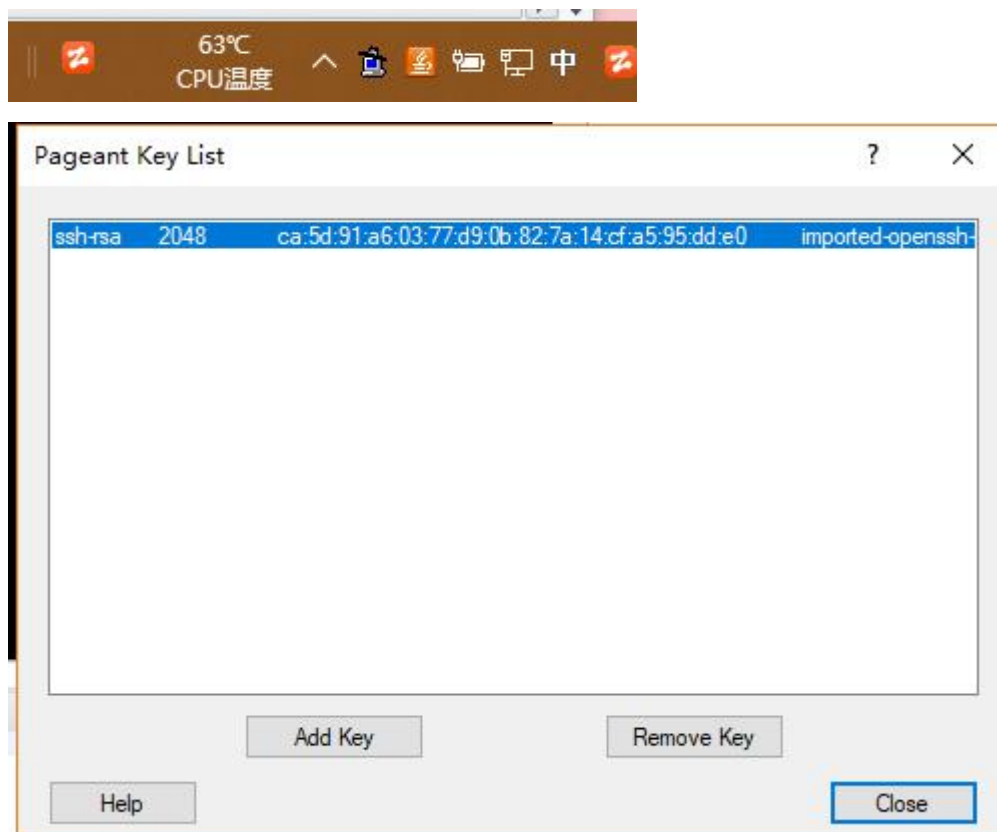
- (2) Click load choose keypair file for the instance



(3) Click Generate to generate key, then save private key for ppk format

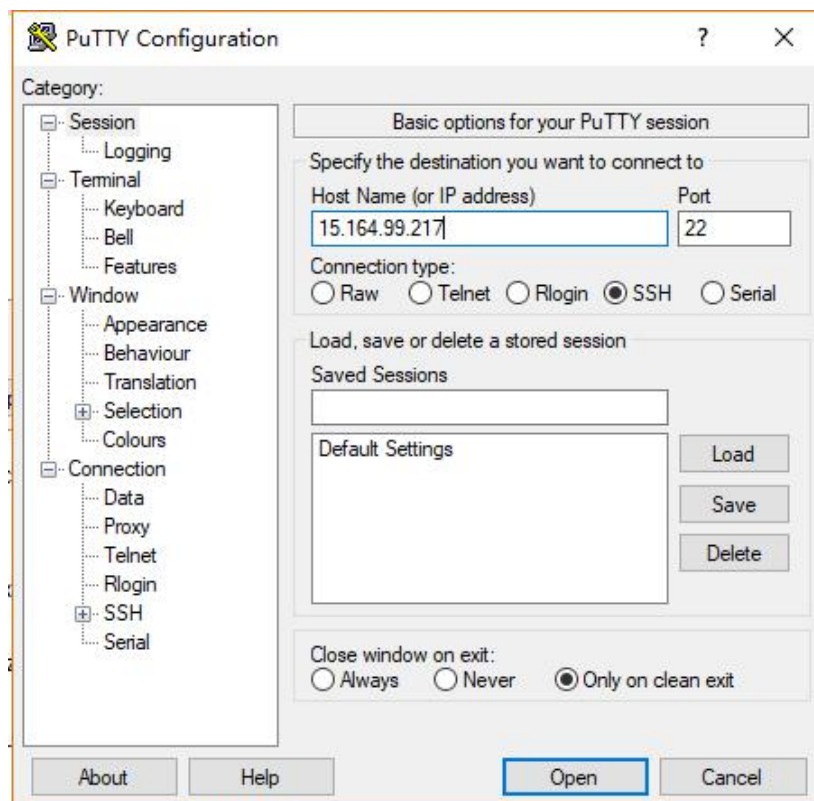


2. Run the private ppk (double click)

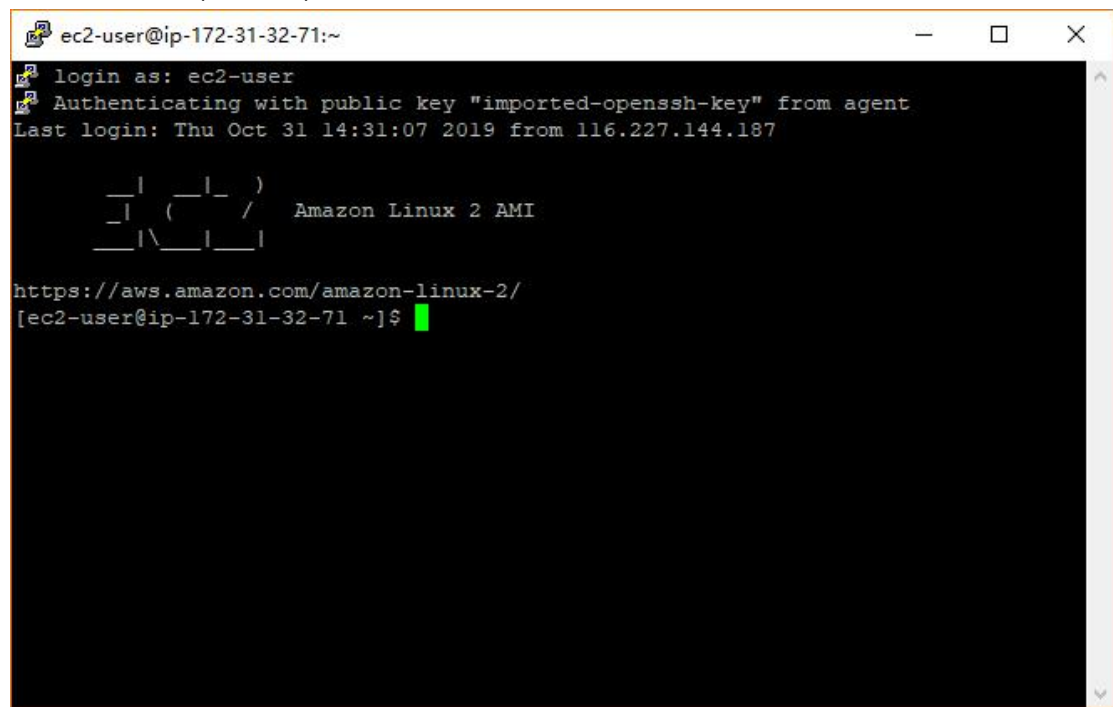


(3) Connect by PuTTY

Enter hostname (copy from instance)



Enter username (ec2-user)

A terminal window titled 'ec2-user@ip-172-31-32-71:~' with standard window controls. The terminal output shows an SSH login process: 'login as: ec2-user', 'Authenticating with public key "imported-openssh-key" from agent', and 'Last login: Thu Oct 31 14:31:07 2019 from 116.227.144.187'. This is followed by the Amazon Linux 2 logo and the text 'Amazon Linux 2 AMI'. A URL 'https://aws.amazon.com/amazon-linux-2/' is displayed. The prompt '[ec2-user@ip-172-31-32-71 ~]\$' is shown with a green cursor.

```
ec2-user@ip-172-31-32-71:~  
login as: ec2-user  
Authenticating with public key "imported-openssh-key" from agent  
Last login: Thu Oct 31 14:31:07 2019 from 116.227.144.187  
  
  _ | _ | _ )  
  _ | ( _ | /  Amazon Linux 2 AMI  
  _ | \ _ | _ |  
  
https://aws.amazon.com/amazon-linux-2/  
[ec2-user@ip-172-31-32-71 ~]$
```

Every Linux instance use default Linux system username for start:

Amazon Linux: ec2-user

RHEL5: root or ec2-user

Ubuntu: ubuntu

Fedora: fedora or ec2-user

SUSE Linux: root or ec2-user