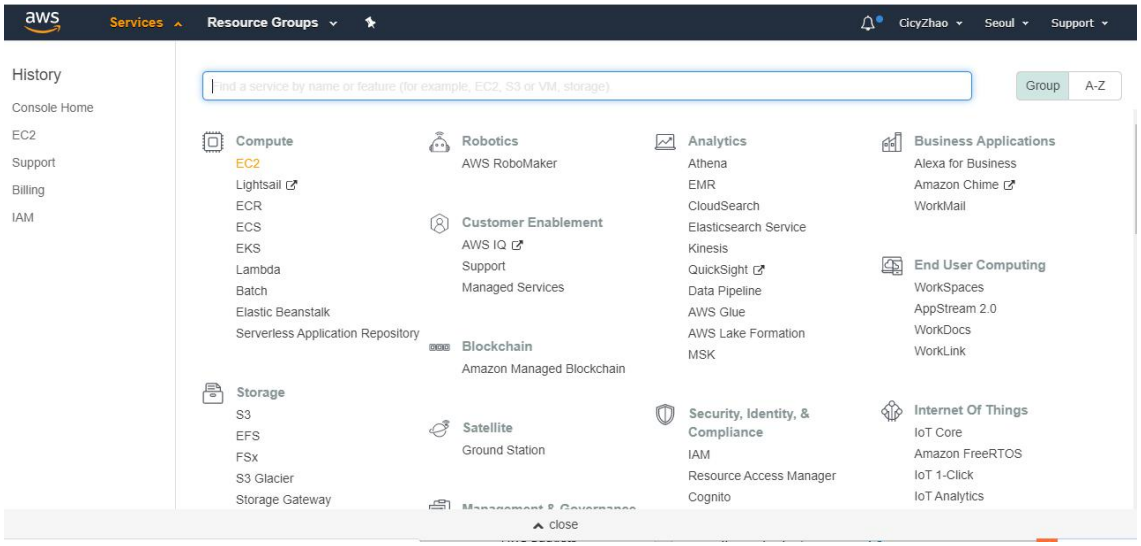
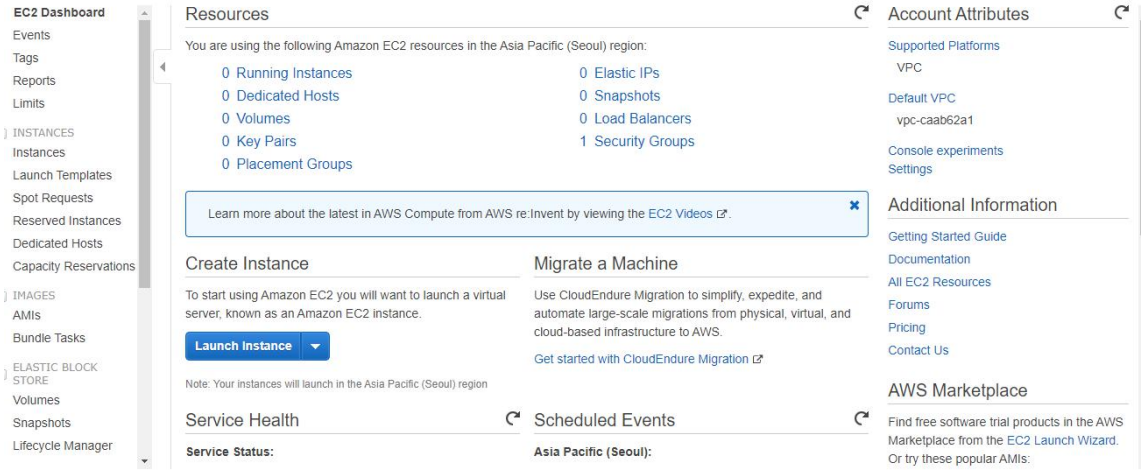
Create EC2 Instance Guide

1. Click Services choose EC2

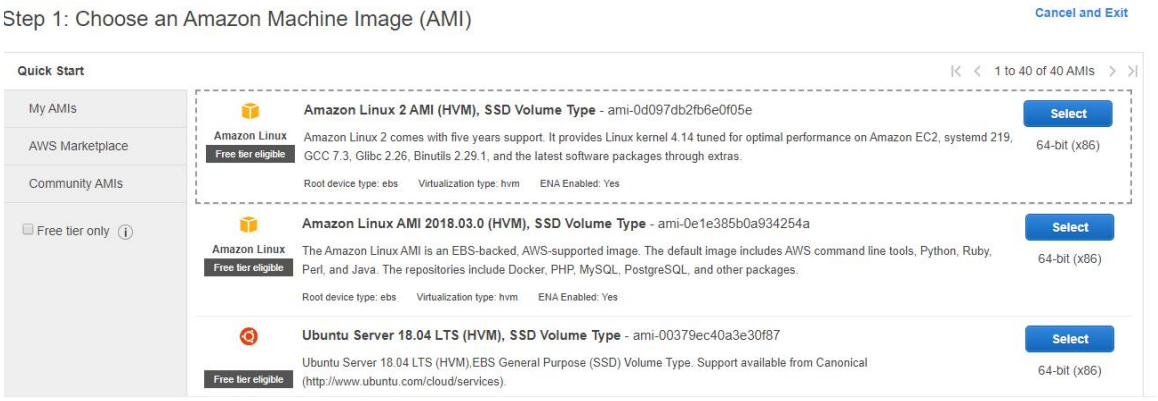


2. Click Launch Instance



3. Start EC2 configuration

Step 1



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
☐	General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
☑	General purpose	t2.micro Free tier eligible	1	1	EBS only	-	Low to Moderate	Yes
☐	General purpose	t2.small	1	2	EBS only	-	Low to Moderate	Yes
☐	General purpose	t2.medium	2	4	EBS only	-	Low to Moderate	Yes
☐	General purpose	t2.large	2	8	EBS only	-	Low to Moderate	Yes
☐	General purpose	t2.xlarge	4	16	EBS only	-	Moderate	Yes
☐	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**: 1 — Launch into Auto Scaling Group
- **Purchasing option**: ☐ Request Spot instances
- **Network**: vpc-caab62a1 (default) — Create new VPC
- **Subnet**: No preference (default subnet in any Availability Zon — Create new subnet
- **Auto-assign Public IP**: Use subnet setting (Enable)
- **Placement group**: ☐ Add instance to placement group
- **Capacity Reservation**: Open — Create new Capacity Reservation
- **IAM role**: None — 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.

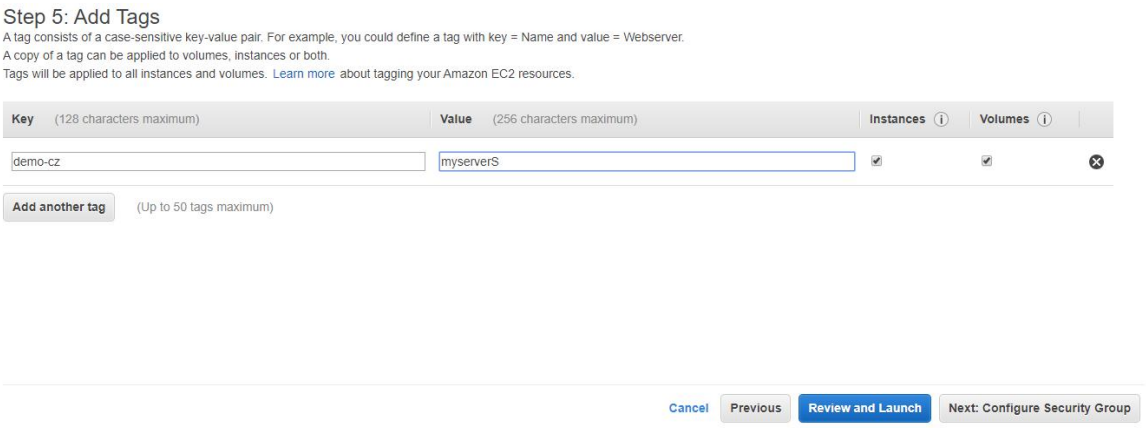
Volume Type	Device	Snapshot	Size (GiB)	Volume Type	IOPS	Throughput (MB/s)	Delete on Termination	Encryption
Root	/dev/xvda	snap-0778e48c6fe051cd1	8	General Purpose SSD (gp2)	100 / 3000	N/A	☑	Not Encrypte

Add New Volume

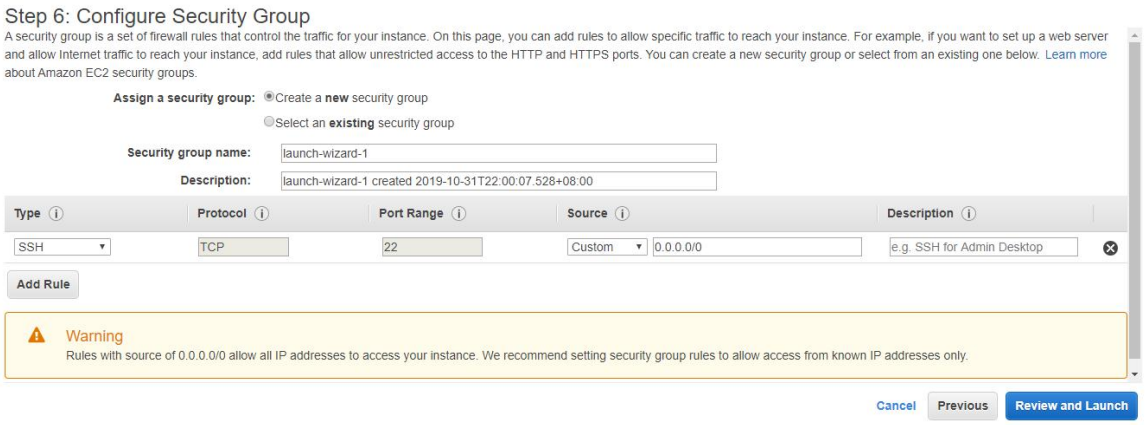
Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage. Learn more about free usage tier eligibility and usage restrictions.

Cancel | Previous | Review and Launch | Next: Add Tags

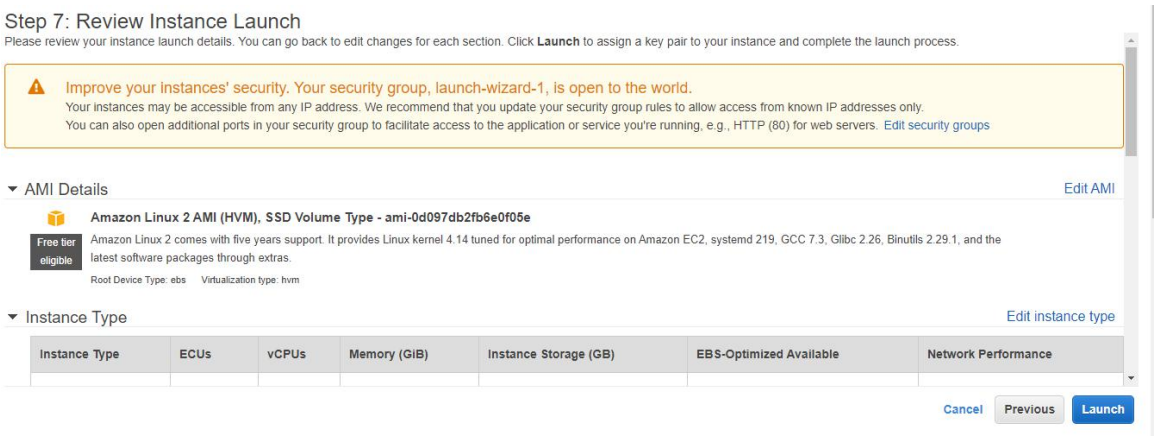
Step 5



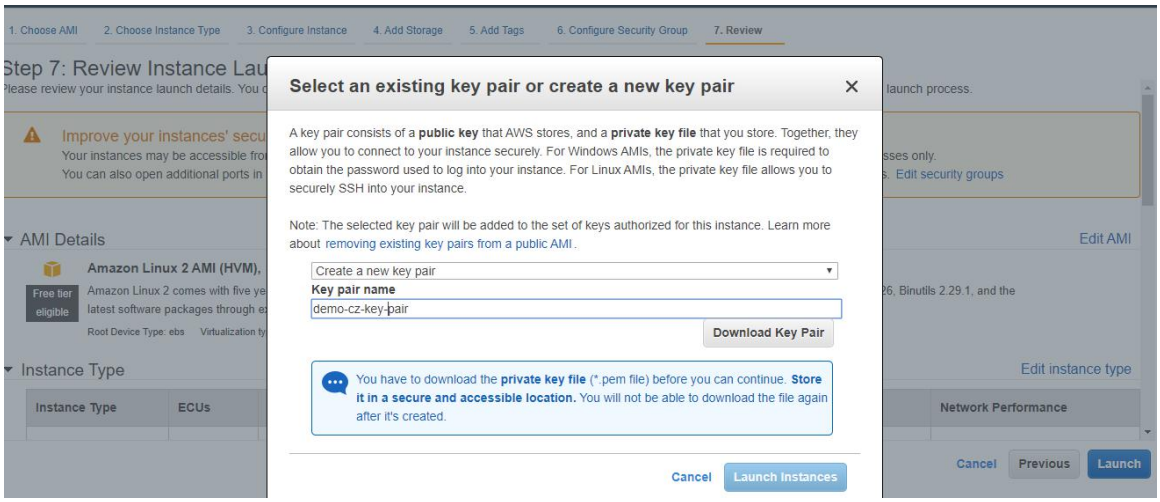
Step 6



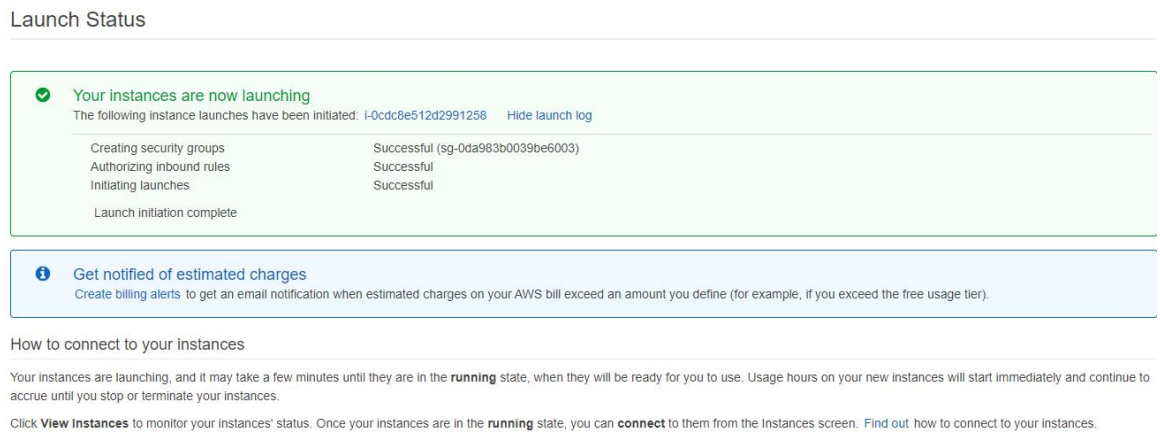
Step 7



Create a key pair

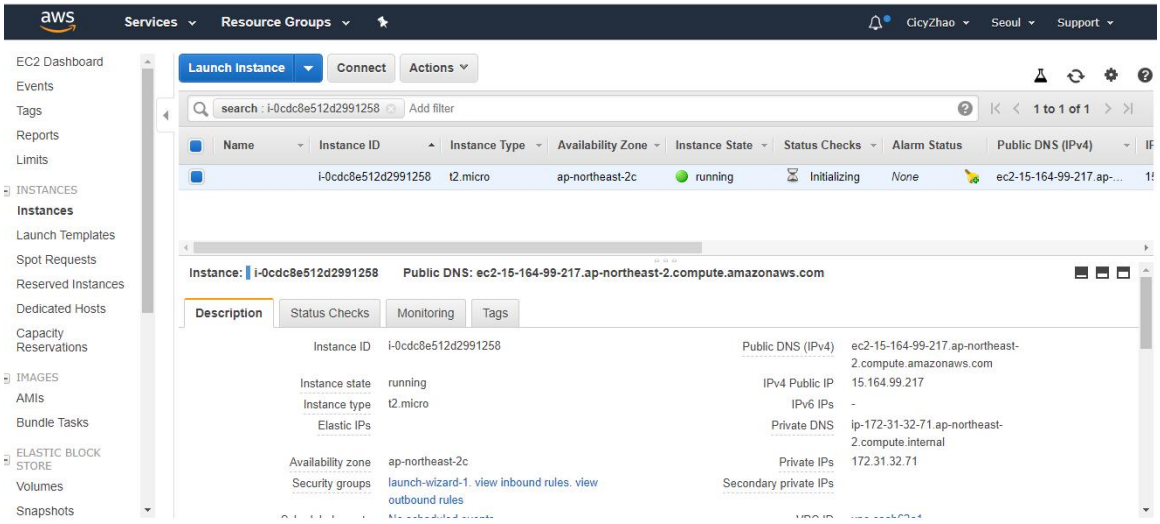


You can click launch log for check your instance status

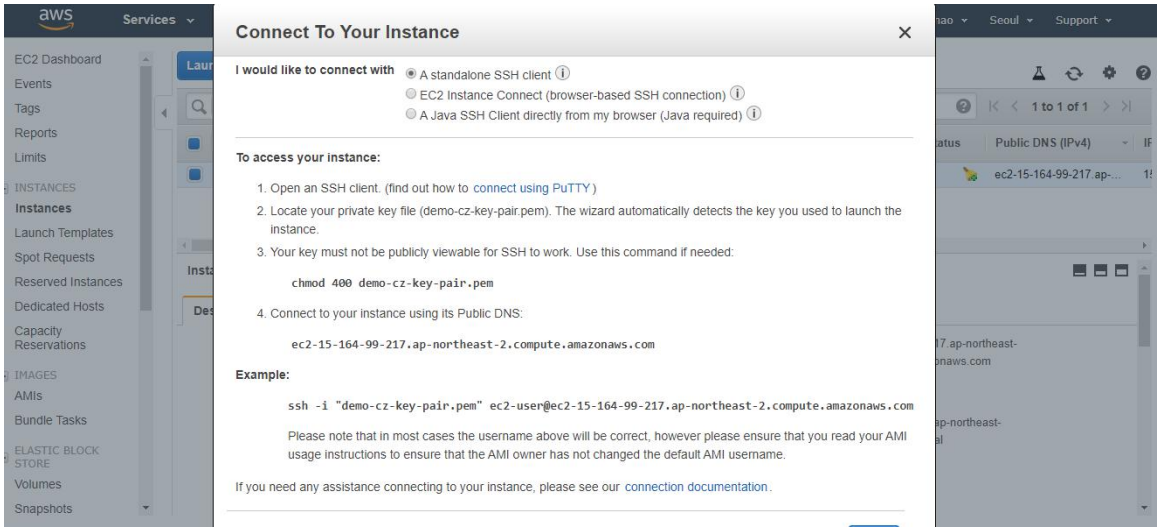


Return AWS console review instance status and details

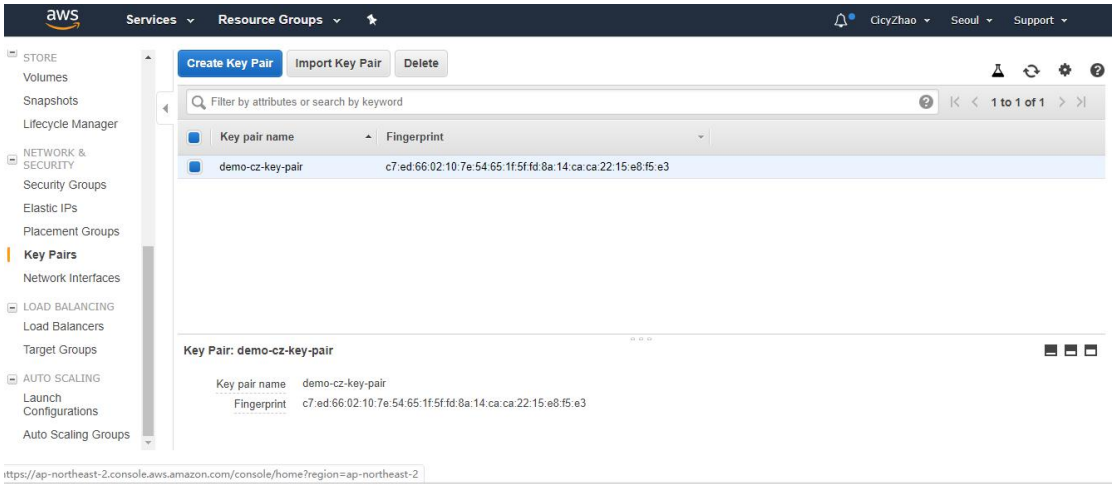
*use public IP connect your instance

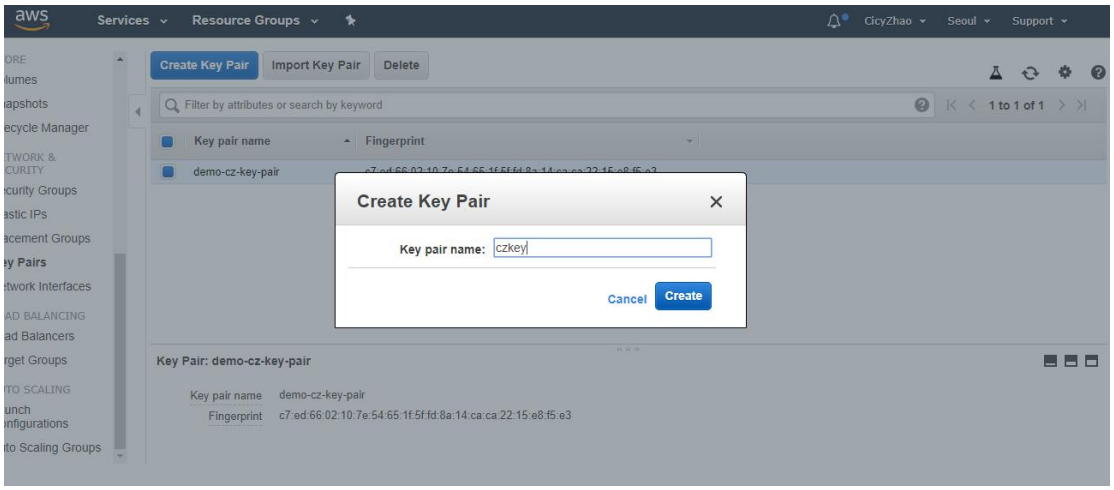


Click connect to connect your instance



Create mykey.pem





Gitbash connect

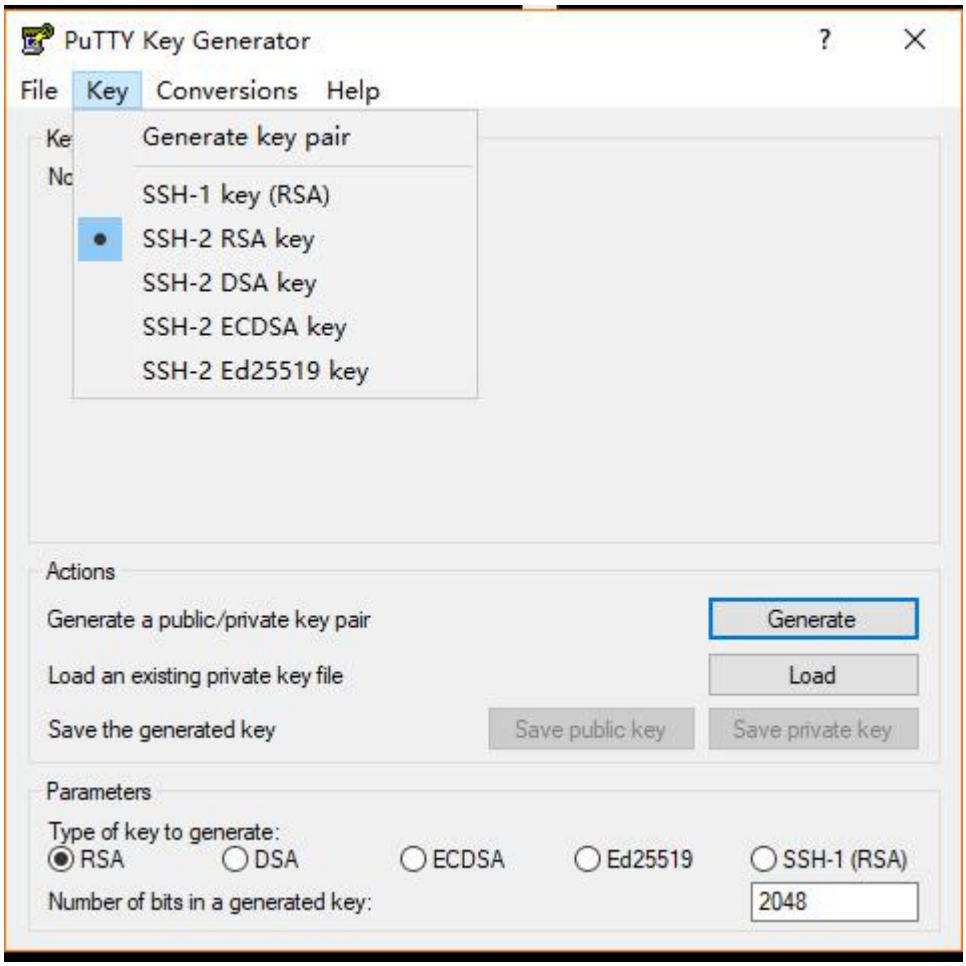
Cd keypair folder --> enter example comond

```
Eve-赵雅娟@▒▒▒▒Z▒ MINGW64 /e/AWS
$ ssh -i "demo-cz-key-pair.pem" ec2-user@ec2-15-164-99-217.ap-northeast-2.comput
e.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.
```

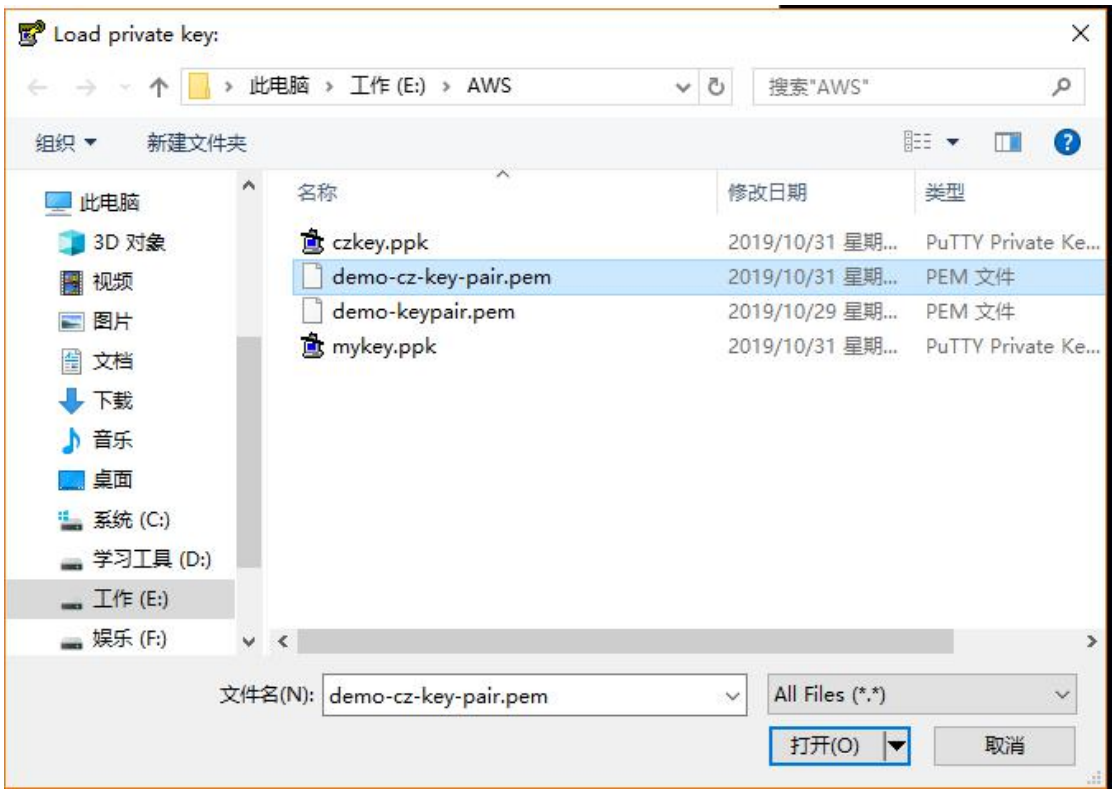
Connect by PuTTY

1. Generate private key

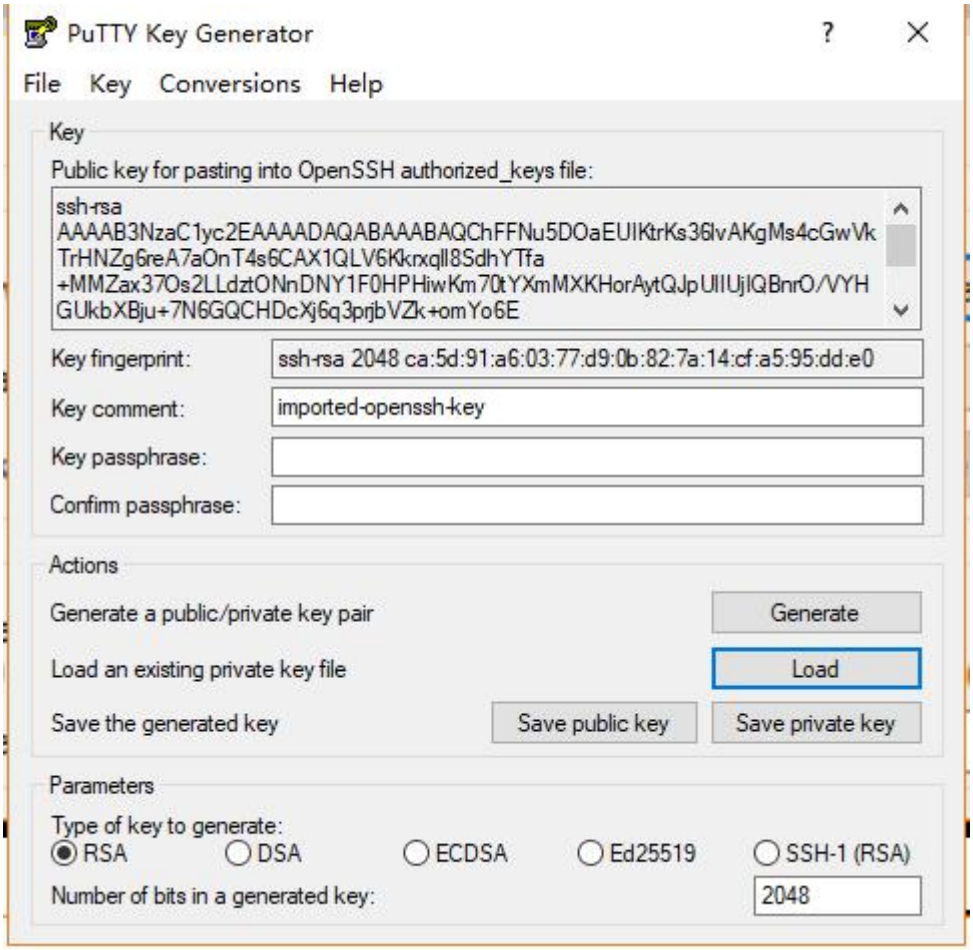
(1) Choose key type (SSH-2 RSA key)



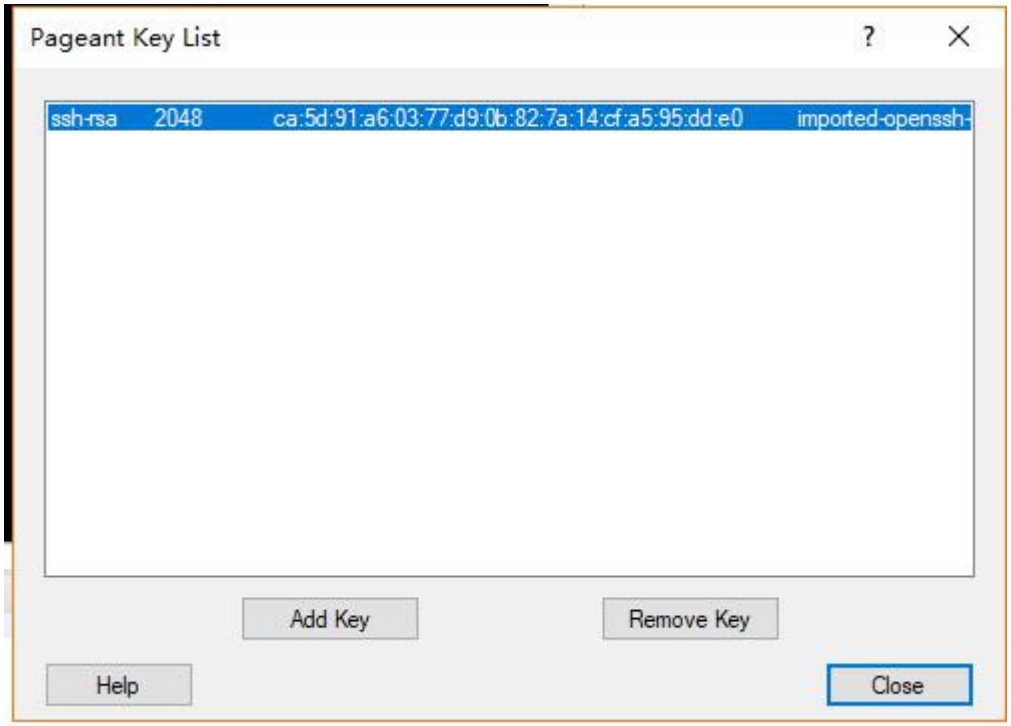
(2) Click load choose keypair file for the instance



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

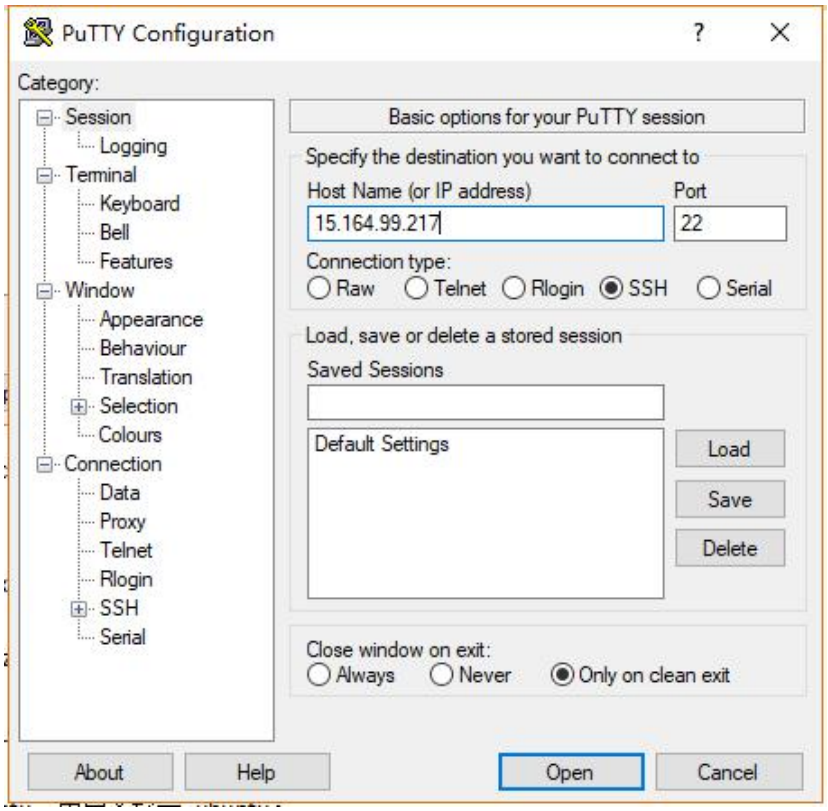


2. Run the private ppk (double click)

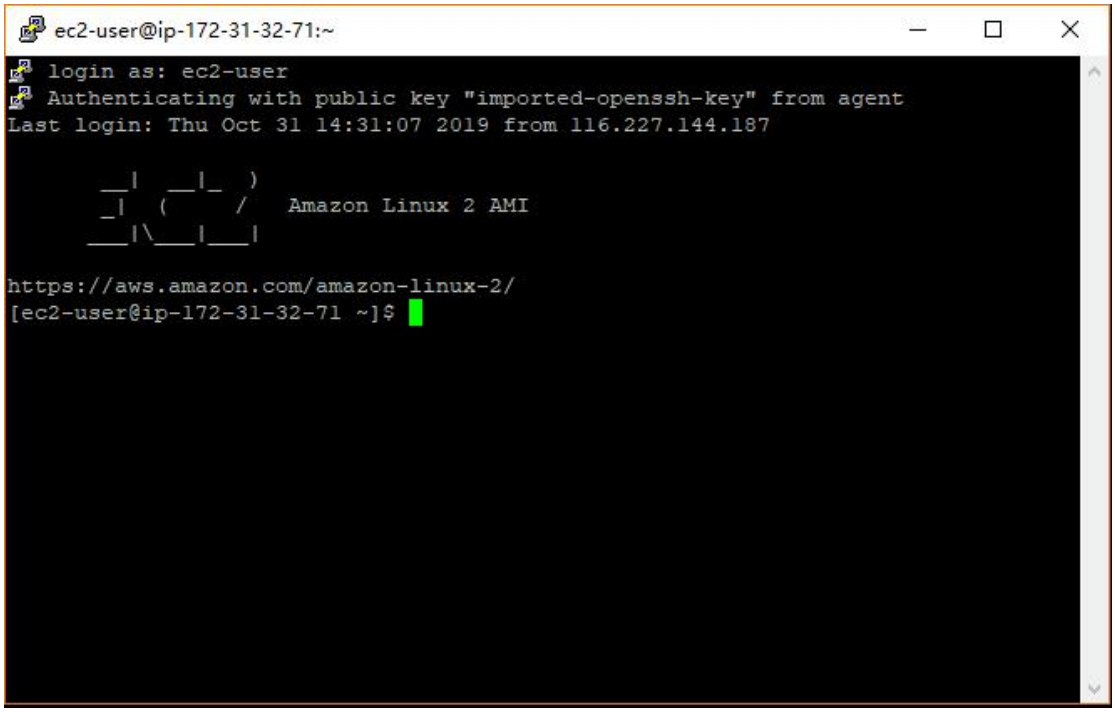


(3) Connect by PuTTY

Enter hostname (copy from instance)



Enter username (ec2-user)



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