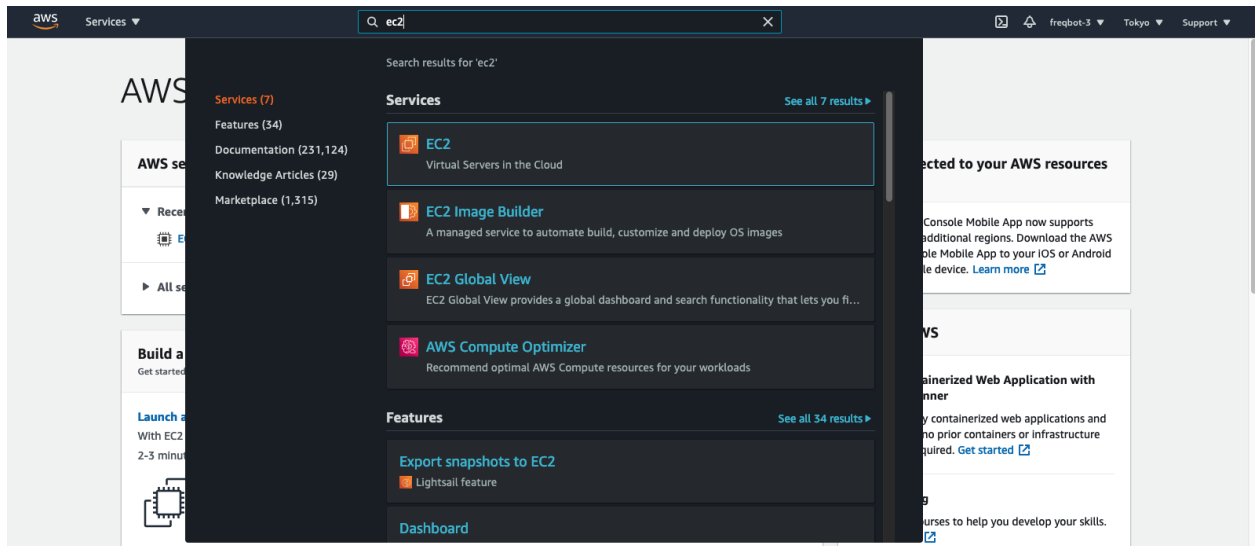
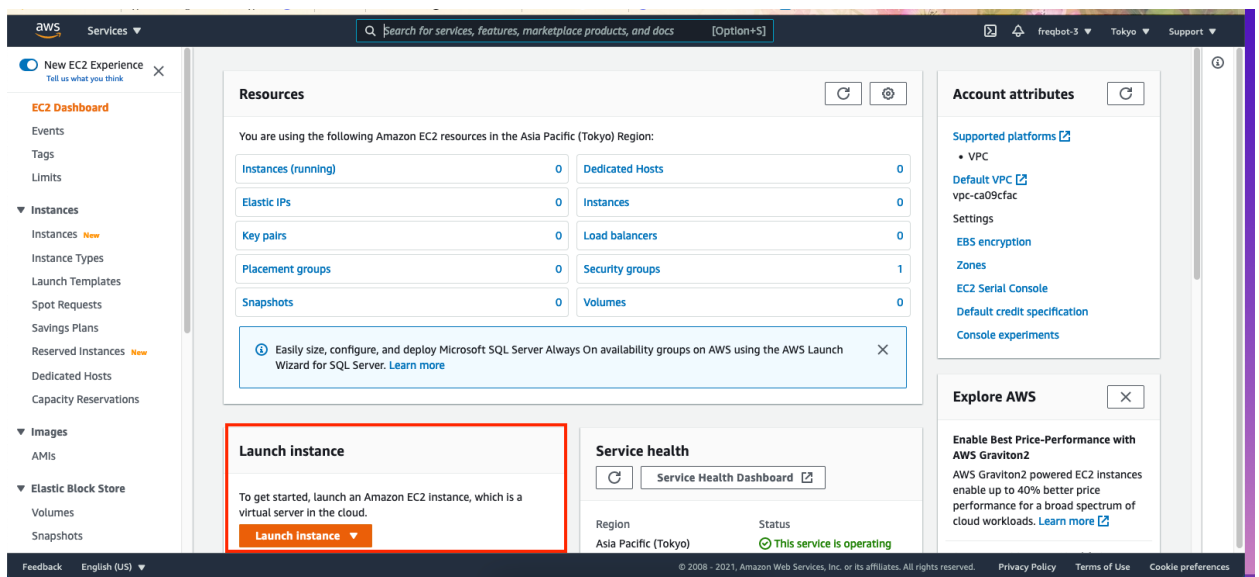


1. [Create an account on AWS](#) (You get a 1 year free trial)
2. Search for EC2



3. Click Launch Instance (Launches an EC2 VM)



#### 4. Choose Ubuntu20

**Step 1: Choose an Amazon Machine Image (AMI)**

Cancel and Exit

64-bit (x86)  
64-bit (Arm)

Free tier eligible

Community AMIs

Free tier only 1

Windows

Free tier eligible

Microsoft Windows Server 2019 Base - ami-0a2c187ea12f133eb

Microsoft Windows 2019 Datacenter edition. [English]

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

Select

64-bit (x86)

Red Hat

Free tier eligible

Red Hat Enterprise Linux 8 (HVM), SSD Volume Type - ami-0bcc42bba4dedac1 / ami-0cdc4f61f73af4679 (64-bit Arm)

Red Hat Enterprise Linux version 8 (HVM), EBS General Purpose (SSD) Volume Type

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

Select

64-bit (x86)  
64-bit (Arm)

SUSE Linux

Free tier eligible

SUSE Linux Enterprise Server 15 SP2 (HVM), SSD Volume Type - ami-0cbc0209196a8063b / ami-00aa2ab20df3d86ec (64-bit Arm)

SUSE Linux Enterprise Server 15 Service Pack 2 (HVM), EBS General Purpose (SSD) Volume Type. Amazon EC2 AMI Tools preinstalled; Apache 2.2, MySQL 5.5, PHP 5.3, and Ruby 1.8.7 available.

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

Select

64-bit (x86)  
64-bit (Arm)

Ubuntu Server 20.04 LTS (HVM), SSD Volume Type - ami-0df99b3a8349462c6 (64-bit x86) / ami-076d8ebdd0e1ec091 (64-bit Arm)

Ubuntu Server 20.04 LTS (HVM), EBS General Purpose (SSD) Volume Type. Support available from Canonical (<http://www.ubuntu.com/cloud/services>).

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

Select

64-bit (x86)  
64-bit (Arm)

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#### 5. Select t2.micro (It's the one that works with a free trial). Click Review and Launch

**Step 2: Choose an Instance Type**

Amazon EC2 provides a wide selection of instance types optimized to fit different use cases. Instances are virtual servers that can run applications. They have varying combinations of CPU, memory, storage, and networking capacity, and give you the flexibility to choose the appropriate mix of resources for your applications. [Learn more](#) about instance types and how they can meet your computing needs.

Filter by: All Instance families Current generation Show/Hide Columns

Currently selected: t2.micro (- ECUs, 1 vCPUs, 2.5 GHz, ~, 1 GiB memory, EBS only)

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance	IPv6 Support
<input type="checkbox"/>	t2	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
<input checked="" type="checkbox"/>	t2	t2.micro	1	1	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.small	1	2	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.medium	2	4	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.large	2	8	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.xlarge	4	16	EBS only	-	Moderate	Yes
<input type="checkbox"/>	t2	t2.2xlarge	8	32	EBS only	-	Moderate	Yes
<input type="checkbox"/>	t3	t3.nano	2	0.5	EBS only	Yes	Up to 5 Gbps	Yes

Cancel Previous **Review and Launch** Next: Configure Instance Details

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## 6. Click Launch

**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-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**  
Ubuntu Server 20.04 LTS (HVM), SSD Volume Type - ami-0d99b3a8349462c6  
Free tier eligible  
Ubuntu Server 20.04 LTS (HVM), EBS General Purpose (SSD) Volume Type. Support available from Canonical (<http://www.ubuntu.com/cloud/services>).  
Root Device Type: ebs Virtualization type: hvm

**Instance Type**  
t2.micro

**Security Groups**  
Security group name: launch-wizard-1

**Launch**

## 7. Create a keypair (or use your own)

**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](#).

Create a new key pair  
Key pair name: freqbot3  
**Download Key Pair**

You have to download the private key file (\*.pem file) before you can continue. Store it in a secure and accessible location. You will not be able to download the file again after it's created.

**Launch Instances**

**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.

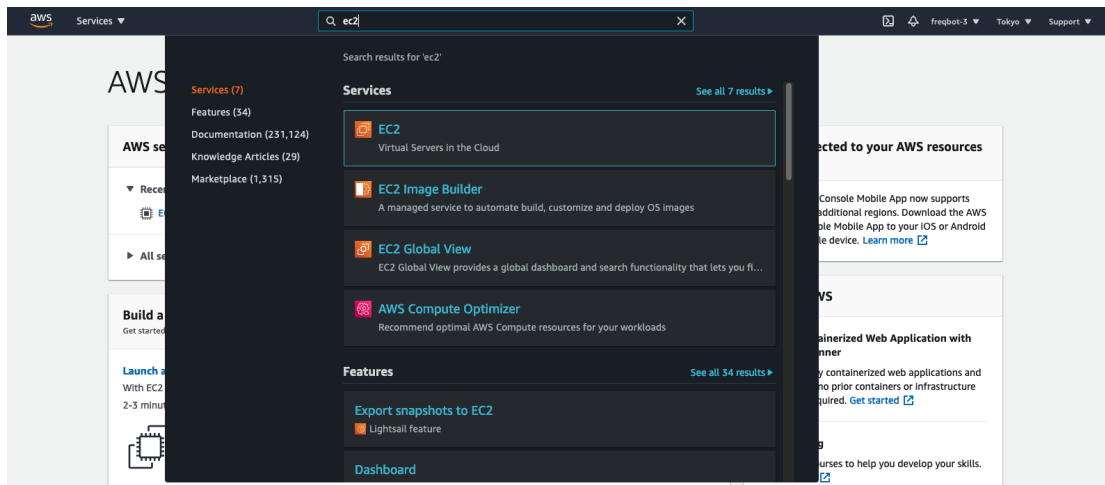
Note: The selected key pair will be added to the set of keys authorized for this instance. Learn more about [removing existing key pairs from a public AMI](#).

Create a new key pair  
Key pair name: freqbot3  
**Download Key Pair**

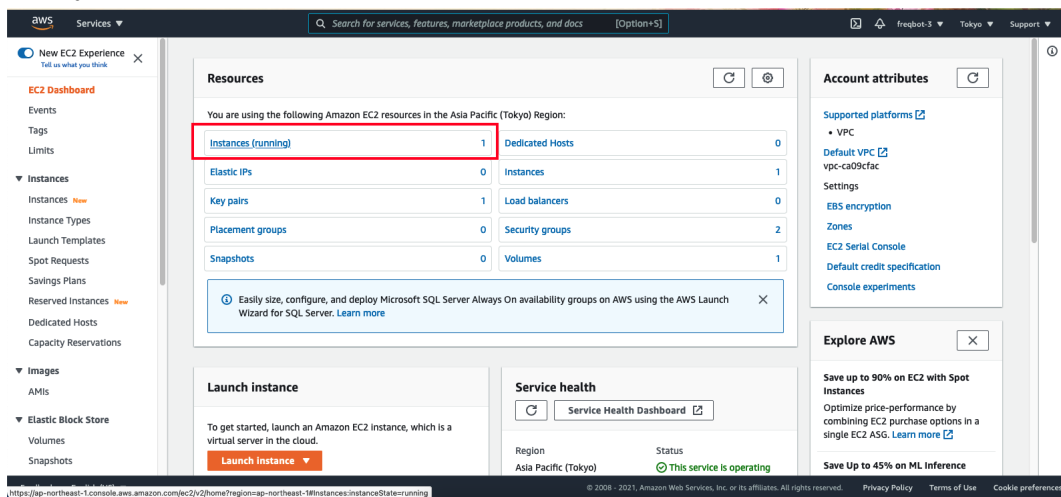
You have to download the private key file (\*.pem file) before you can continue. Store it in a secure and accessible location. You will not be able to download the file again after it's created.

**Launch Instances**

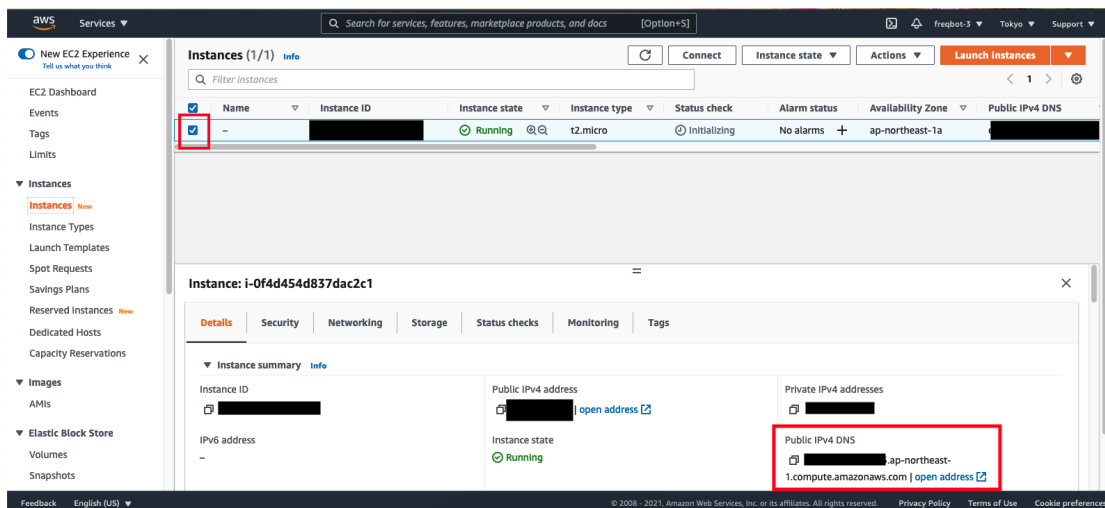
## 8. Search for EC2 again



## 9. View your instances



## 10. With your instance selected, copy the Public IPv4 DNS (it changes about everyday, so if you need to ssh into this VM again, you have to login and check the ip again, or you can allocate an elastic ip, and associate it to the VM)



11. Move your ssh key to ~/.ssh and change it's permissions to 400 . Now you're able to login to the VM you just created

```
sam@Sams-Mac-mini ~ % mv ~/Downloads/freqbot3.pem ~/.ssh
sam@Sams-Mac-mini ~ % chmod 400 ~/.ssh/freqbot3.pem
sam@Sams-Mac-mini ~ % ssh -i ~/.ssh/freqbot3.pem ubuntu@[REDACTED].ap-northeast-1.compu
te.amazonaws.com
The authenticity of host '[REDACTED].ap-northeast-1.compute.amazonaws.com ([REDACTED])'
can't be established.
ECDSA key fingerprint is [REDACTED]
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
```

```
mv ~/Downloads/freqbot3.pem ~/.ssh
chmod 400 ~/.ssh/freqbot3.pem
ssh -i ~/.ssh/freqbot3.pem ubuntu@your_ip.compute.amazonaws.com
```

12. Your ec2 is all good now. You can run this to get freqtrade downloaded and configured,

```
sudo apt-get update
sudo apt-get install python3.9 gcc
git clone https://github.com/freqtrade/freqtrade
cd ./freqtrade
./setup.sh -i
```