CREST CRIA Kali Candidate Machine AMI Setup Guide

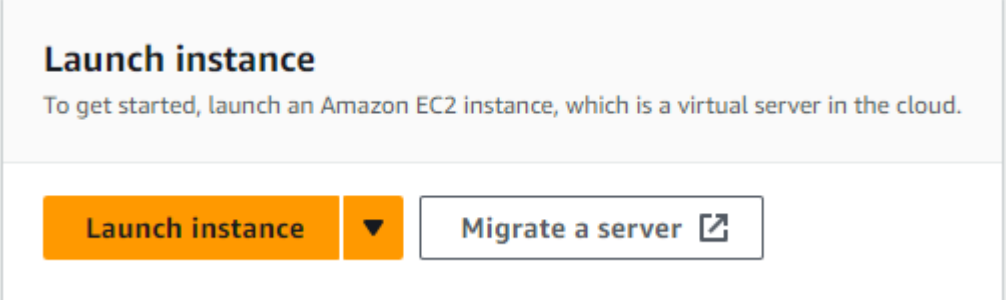
Set up the machine in AWS

> If you do not already have an AWS account, you can create one here:
> https://signin.aws.amazon.com/signup?request_type=register

The AMI is available in the following regions:

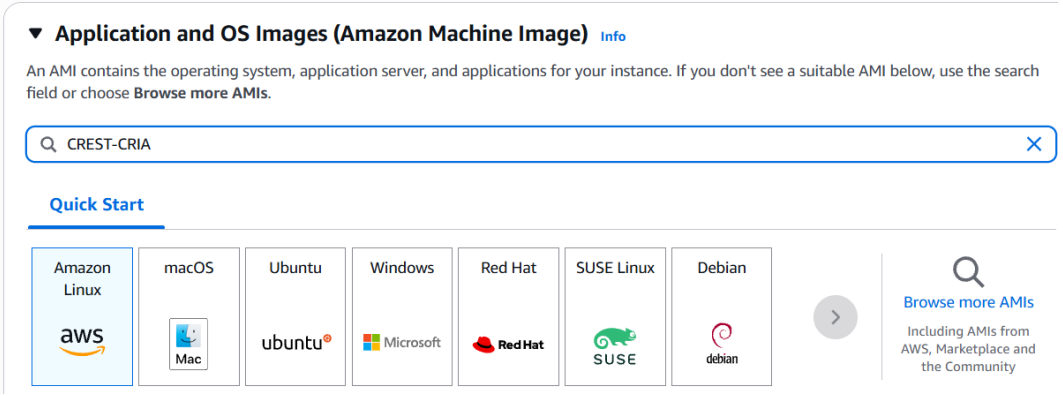
- Europe (London) | eu-west-2
- Asia Pacific (Singapore) | ap-southeast-1
- Asia Pacific (Sydney) | ap-southeast-2
- US East (N. Virginia) | us-east-1

1. Launch instance

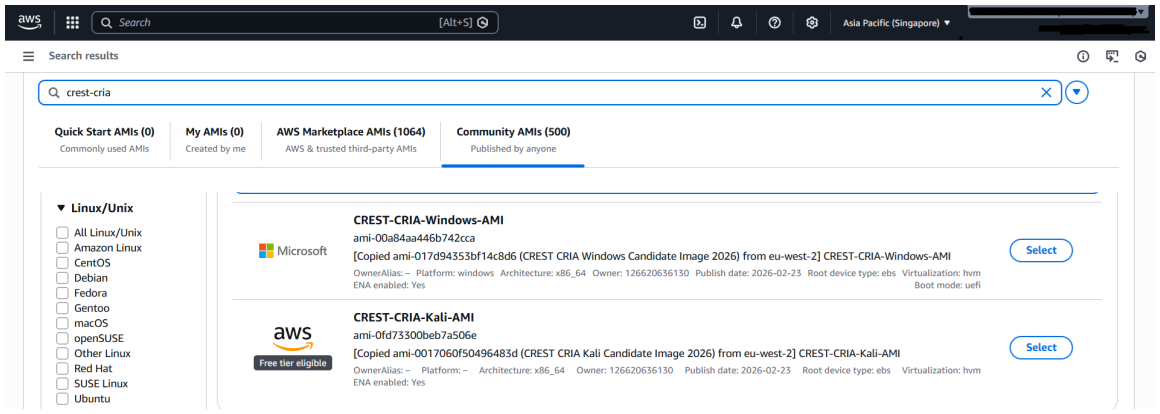


2. Name your instance

1. Search for `CREST-CRIA` Application and OS Images (Amazon Machine Image) search box



2. Select `Community AMIs`

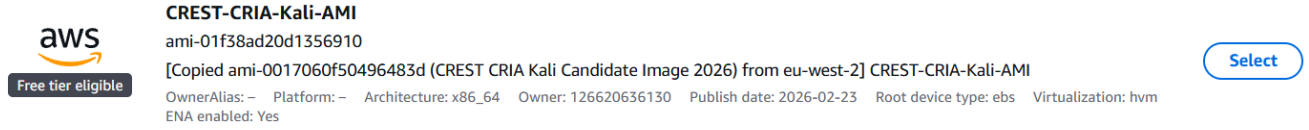


3.a Make sure the details match the following:

Name: `CREST-CRIA-Kali-AMI`

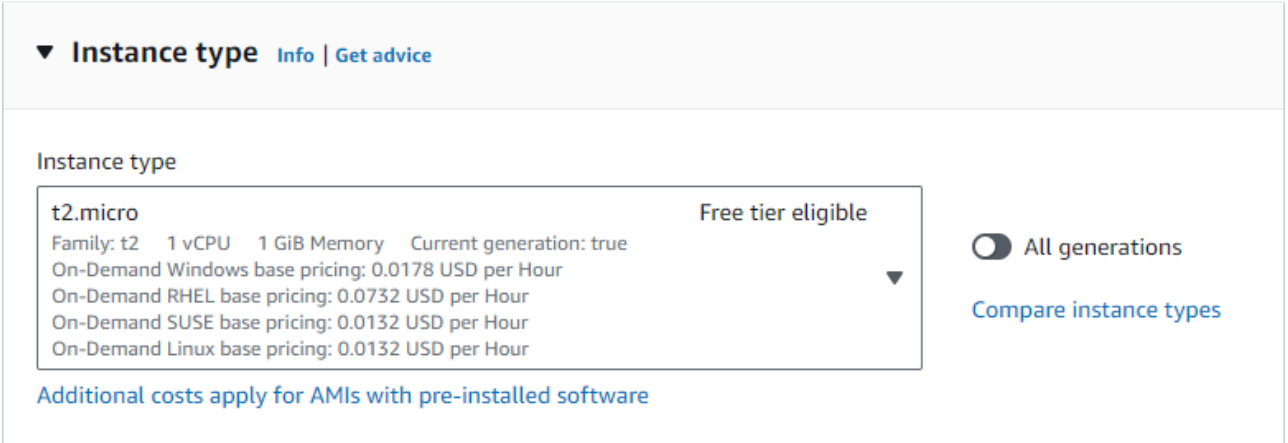
Owner: `126620636130`

3.b - Select the AMI

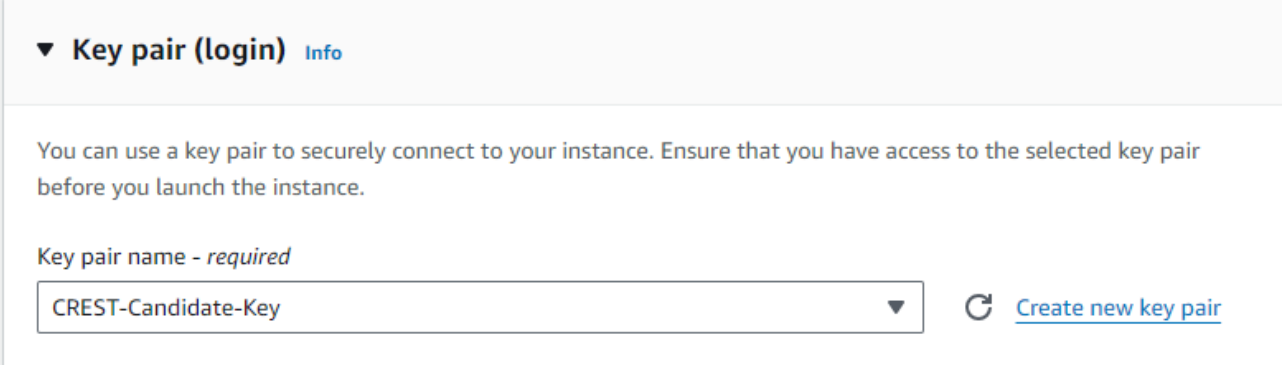


4. Select desired instance type

> ⓘ If you want to host the machine for free, select type `t2.micro`. This is only available to Free tier eligible customers (more information about this can be found here) ⓘ

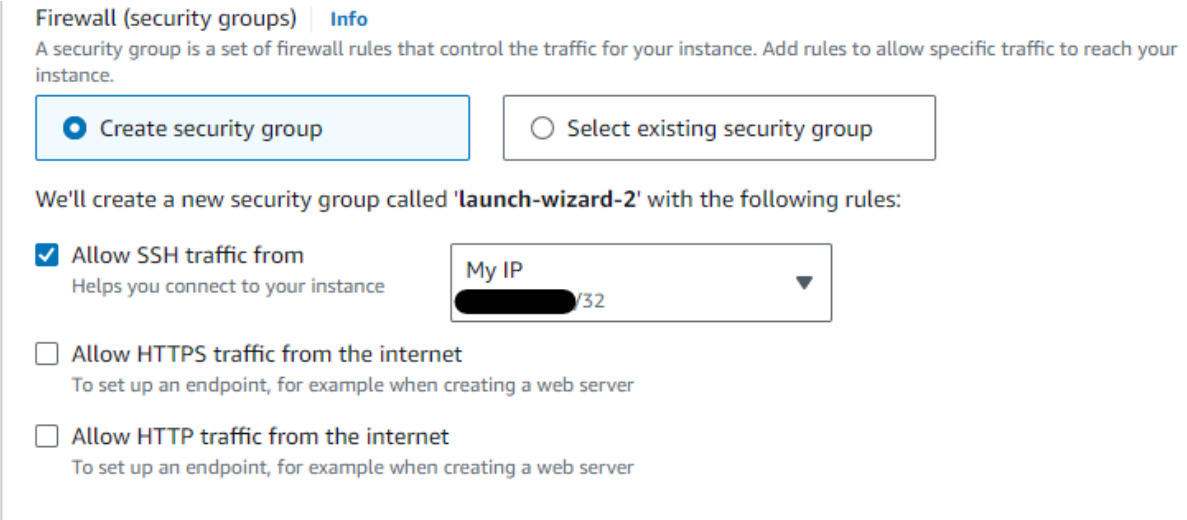


5. Create or select your key pair



6. Configure the network

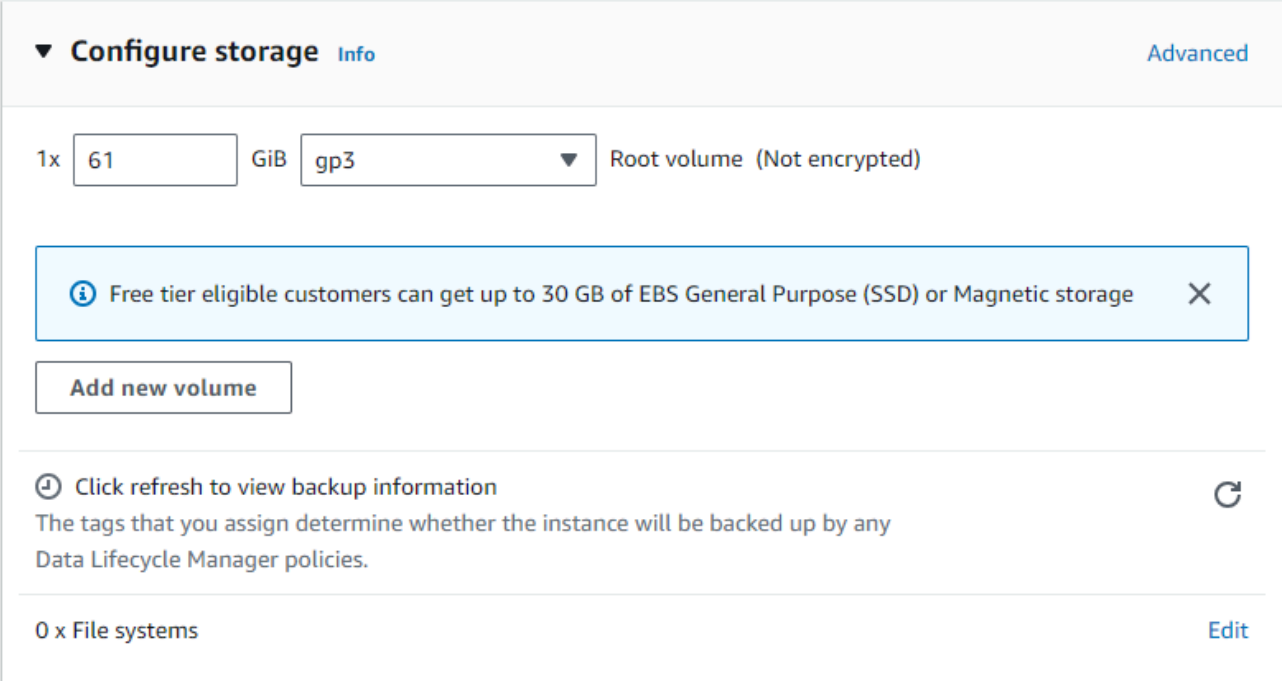
   - If you want to allow SSH into the machine, select it and set the desired connection IP. (RDP will be set up in a later step)



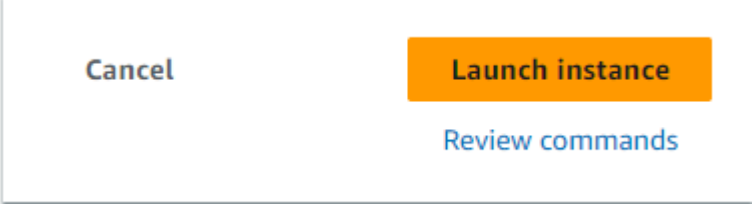
7. Configure storage

   - Leave this setting as the default

> ⓘ Please note this storage will incur a cost. Changing this setting may result in the Kali machine not working. More information on storage costs can be found here ⓘ



8. Launch the instance
    - Once the above steps are complete, you can launch the instance

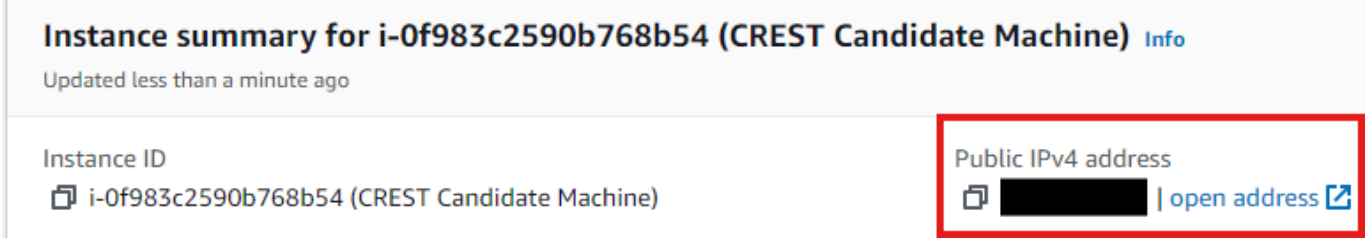


Accessing the machine

> Login Credentials
>
> - Username: `kali`
> - Password: `kali`

There are two ways to access the machine. You can use either SSH or RDP. We recommend RDP for the best experience.

You will need the public IPv4 address to access the machine. This can be found in the instance summary:



Connecting via SSH

To connect via ssh use the following command:

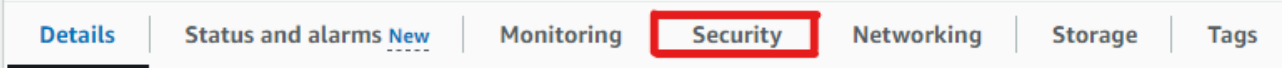
```
ssh -i <PATH-TO-YOUR-KEY-PAIR> kali@<MACHINE-PUBLIC-IP>
```

Connecting via RDP

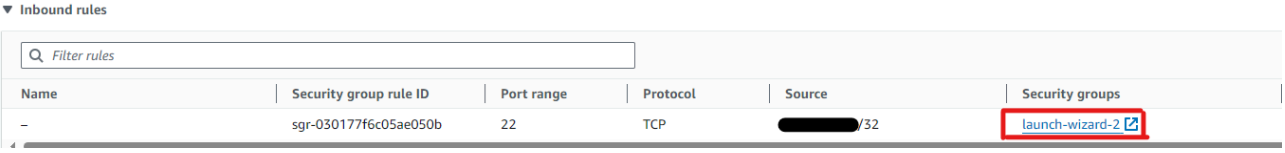
Allowing RDP connections

To connect via RDP, you have to allow incoming RDP connections. You can do this as follows:

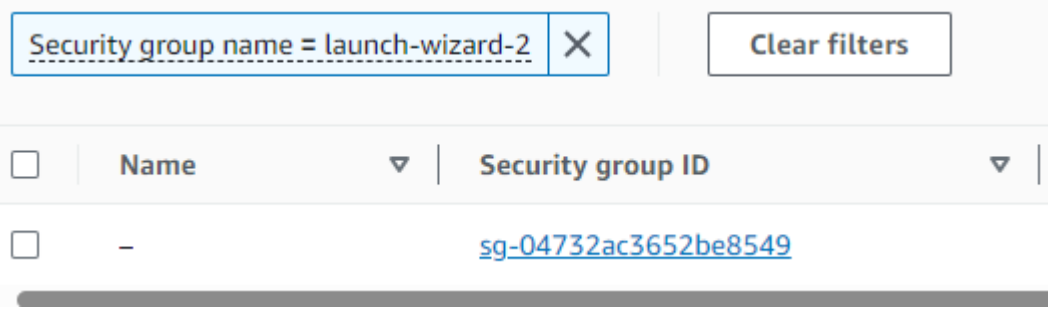
1. Select the `Security` tab from your instance summary



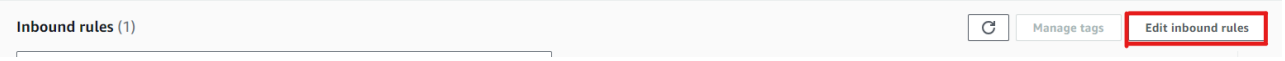
2. Inside `Inbound rules` select the launch wizard for your security group



3. Select the `Security group ID`

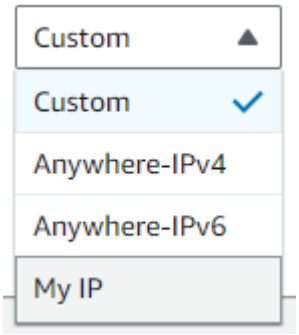


4. Edit inbound rules



5. Add new RDP rule

6. Set desired Source



Connect to the machine

1. Using your desired RDP client, type in the public IP of the AWS machine and connect.
2. Leave the session as Xorg
3. sign in using the credentials provided above