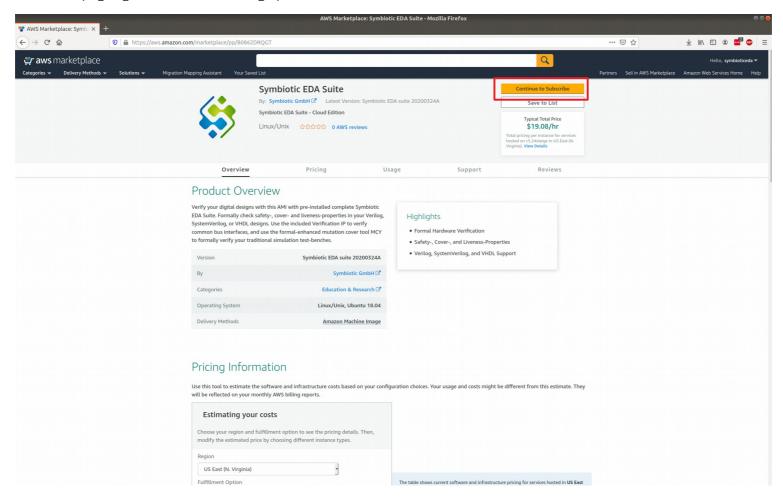
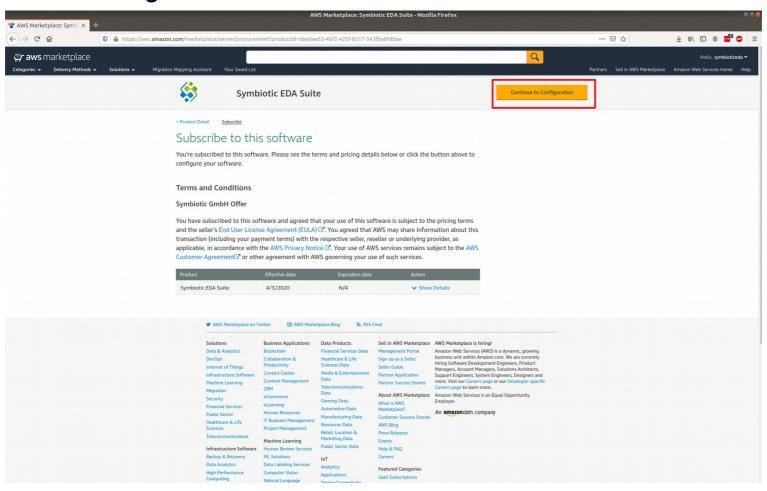
1 Go to the URL https://aws.amazon.com/marketplace/pp/B0862DRQGT

Click the subscribe button (highlighted with red rectangle).



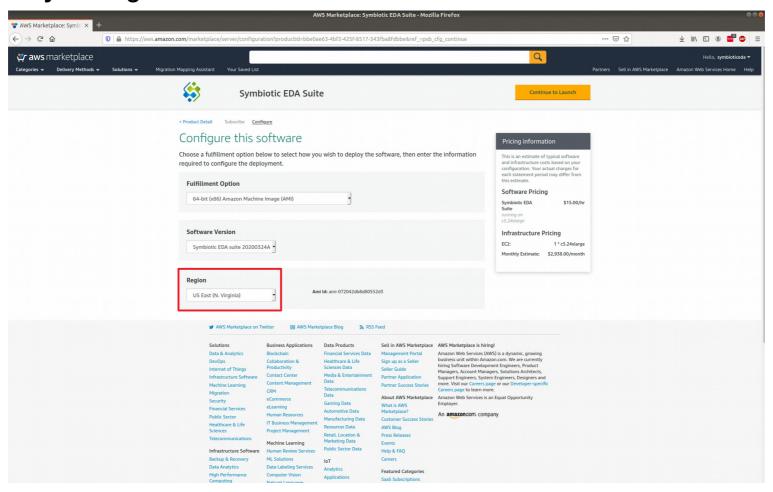


2 Continue to configuration

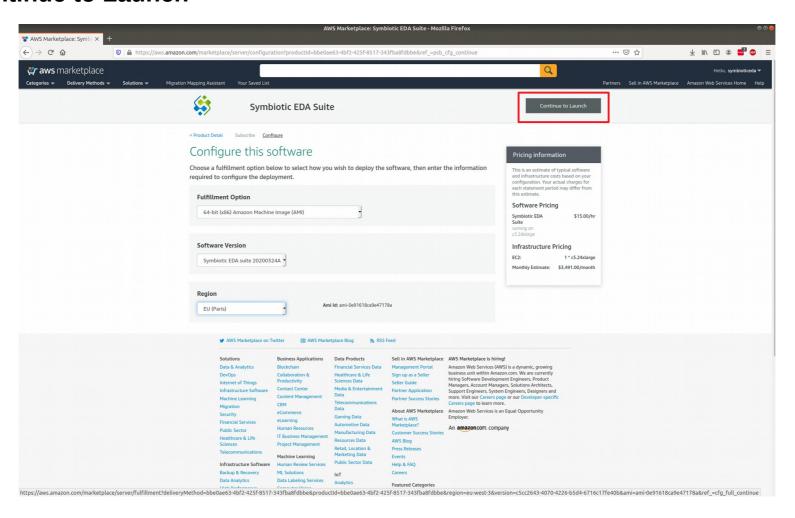




3 Choose your region



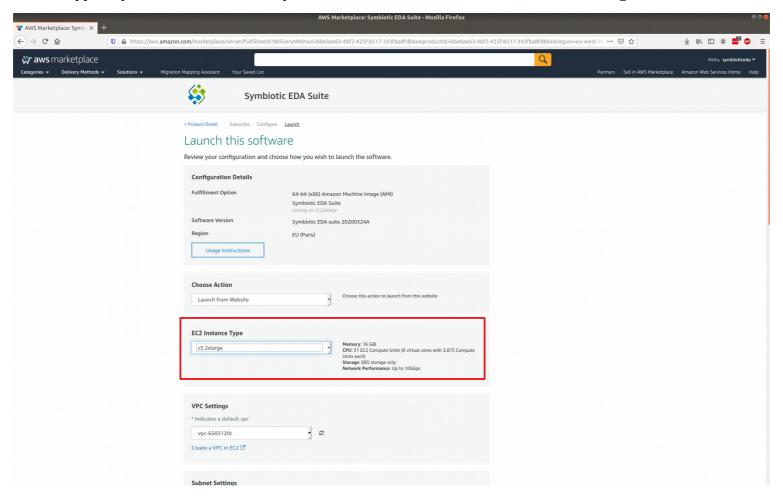
4 Continue to Launch





5 Change instance type

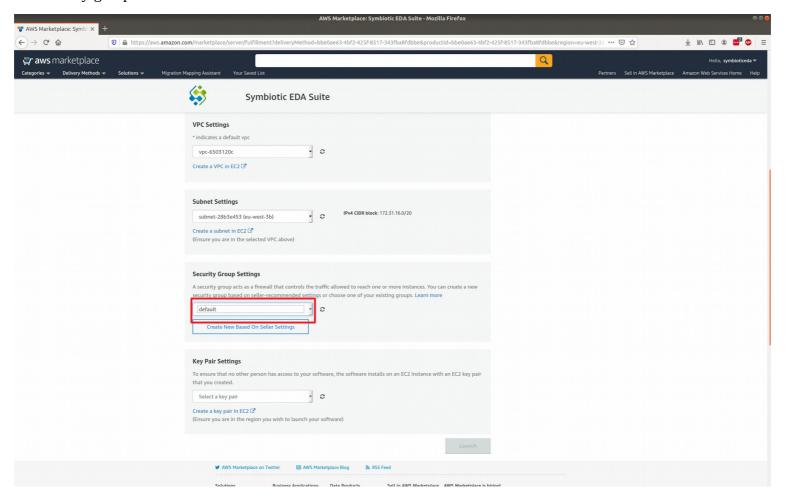
Change the EC2 instance type. If you have a new account, you will be limited to the smallest machine: c5.2xlarge.





6 Choose default security group

Select default as the security group.

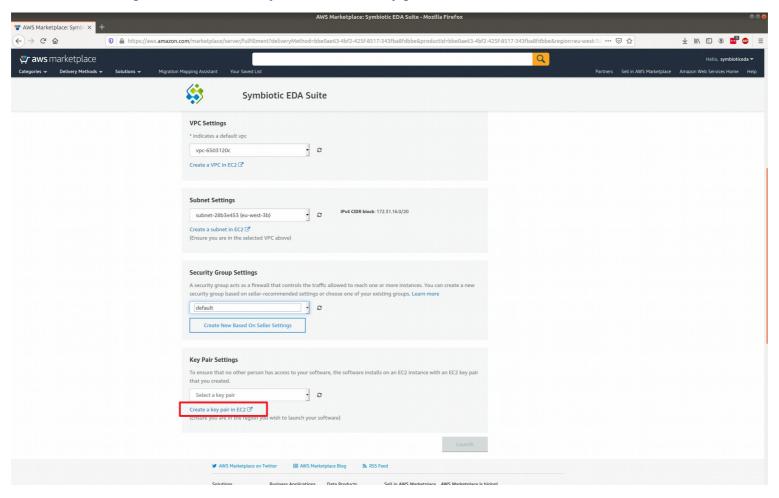




7 Choose or setup a key pair

If you already have a key pair choose it and skip to page <u>Launch the new instance</u>.

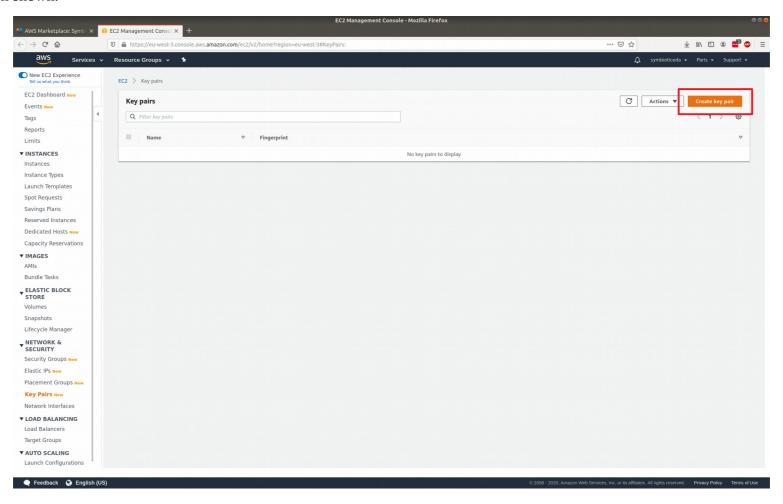
Otherwise click the link. This will open a new tab where you can create a key pair.





8 Create the new key pair

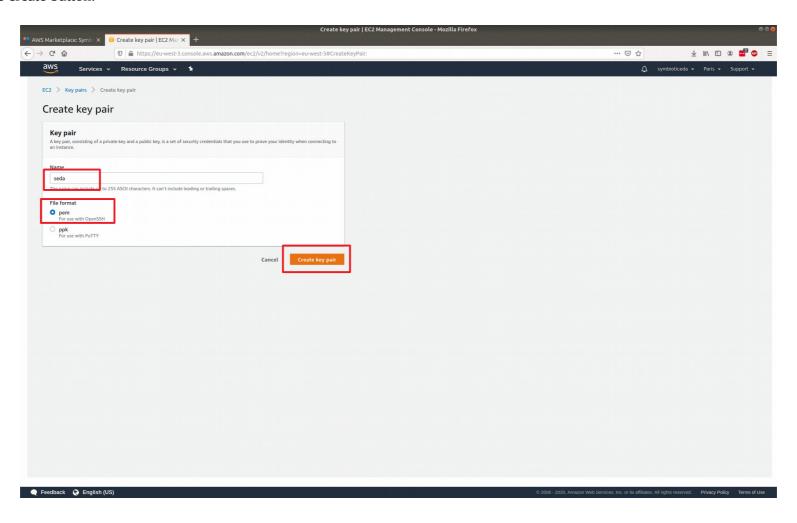
Click the button shown.





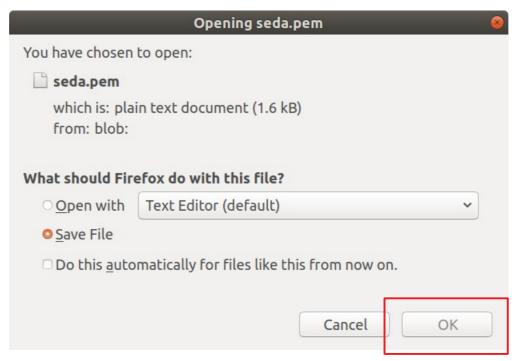
9 Name and download the pem key pair

Then click the create button.



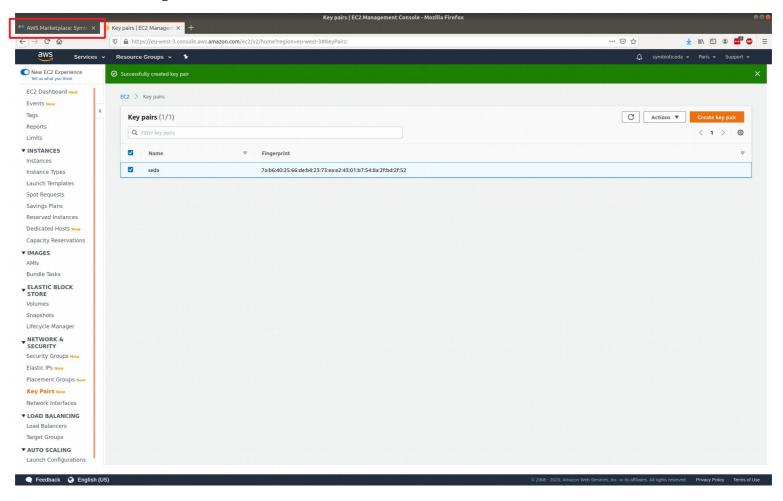


10 Save the key pair



11 Your new keypair will be shown in the list

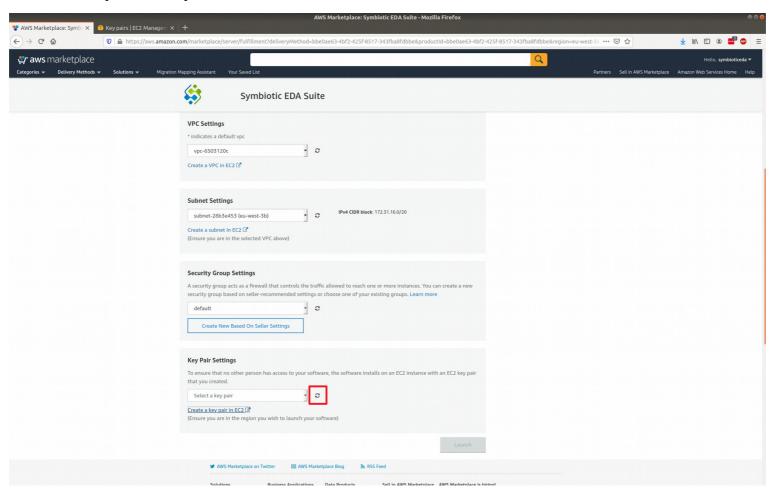
Click the previous tab to continue configuration.





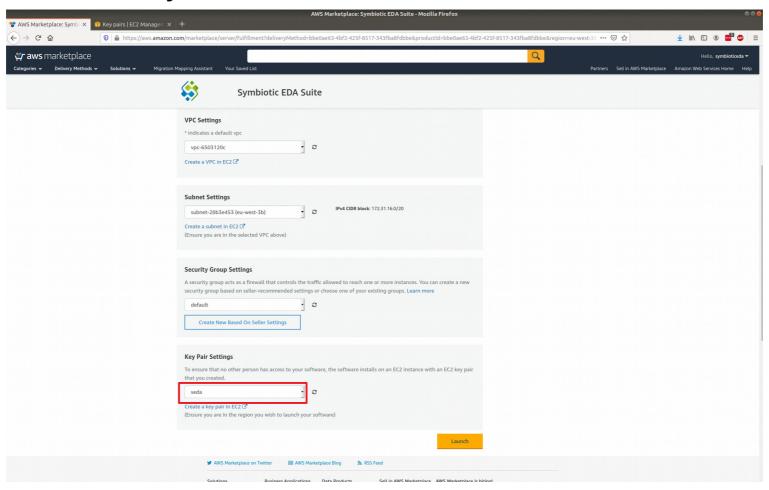
12 Refresh the key pairs

Click the refresh button to load your new key.

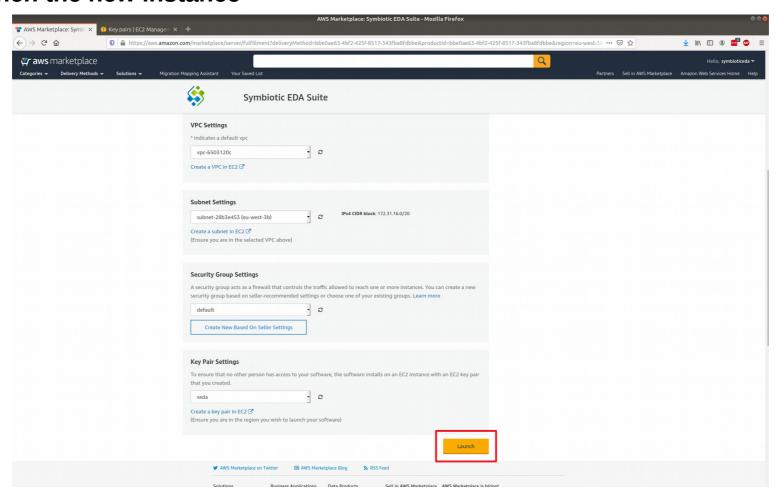




13 Choose the new key

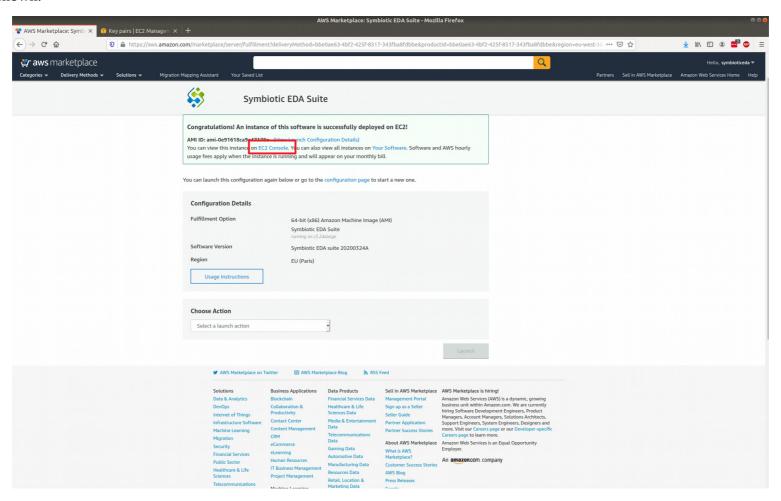


14 Launch the new instance



15 Go to the EC2 console

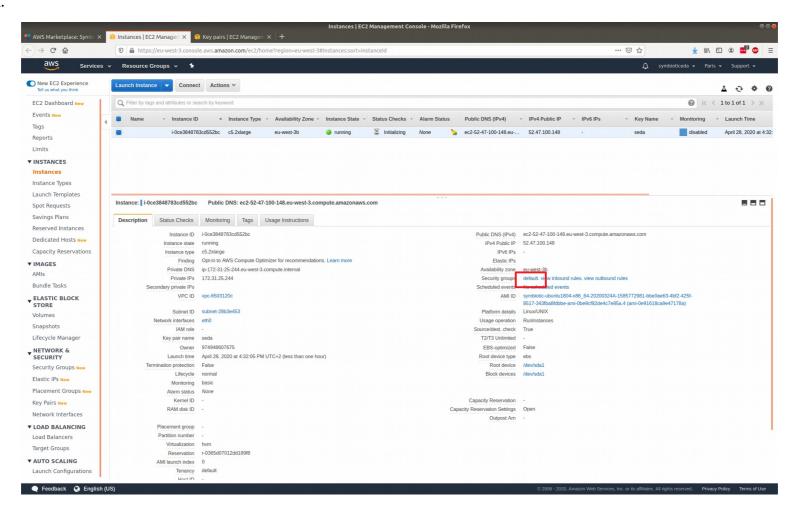
Click the link shown.





16 Go to the default security group configuration

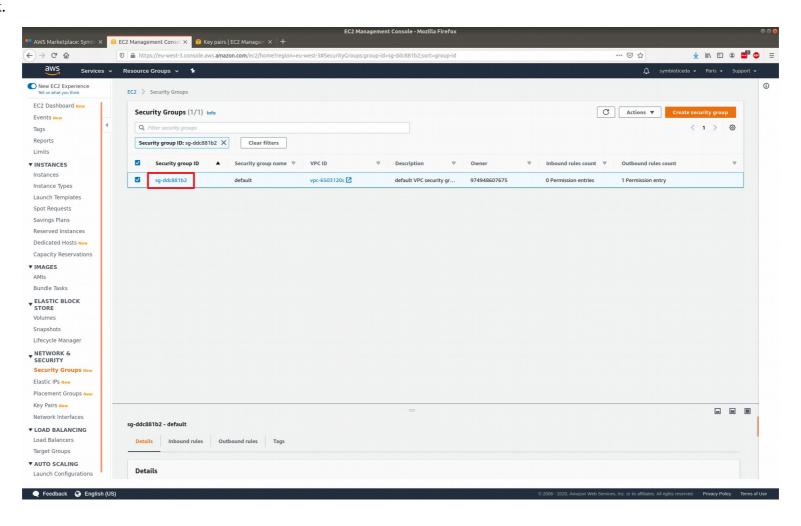
Click the link.





17 Choose the default group

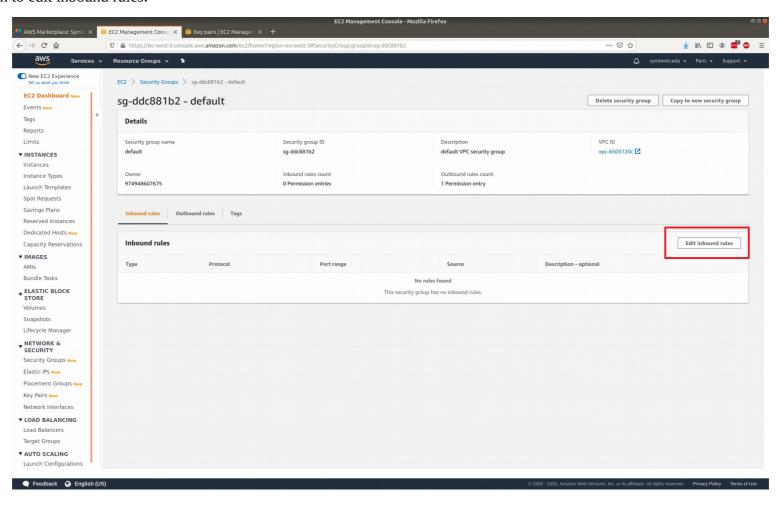
Click the link.





18 Add a new inbound rule

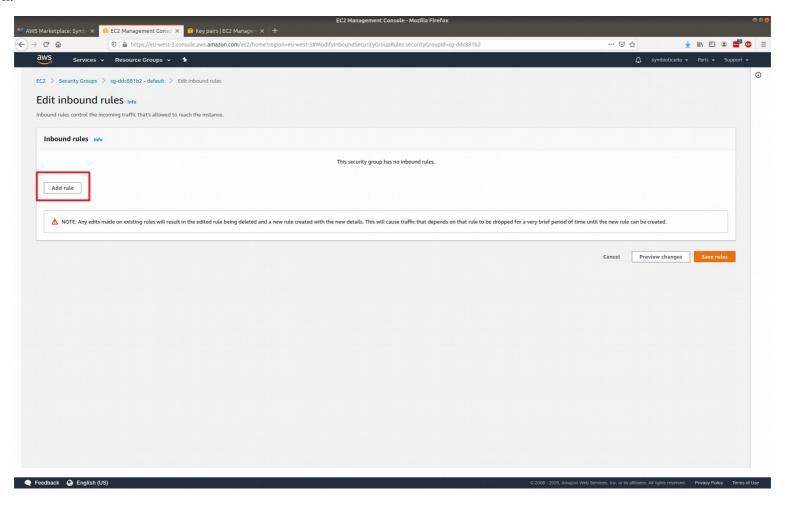
Click the button to edit inbound rules.





19 Add a new rule

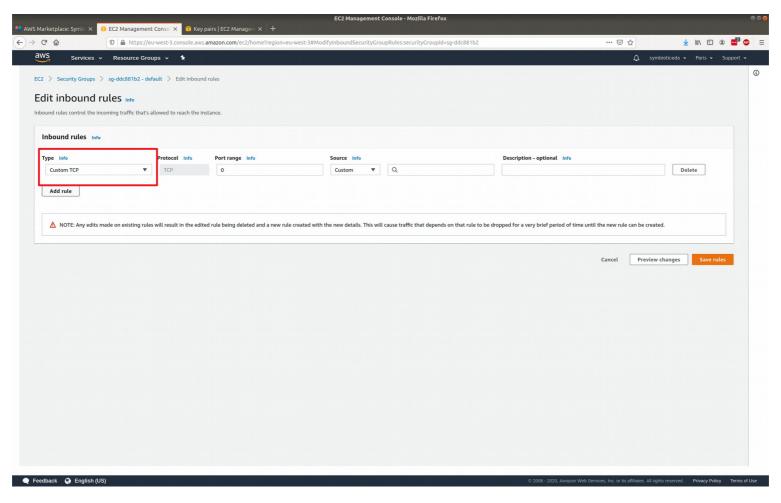
Click the button.





20 Change inbound type to SSH

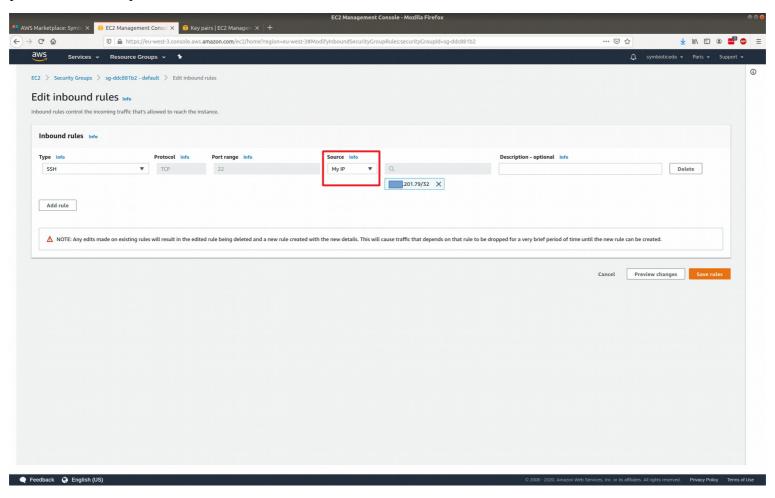
Click the dropdown and choose SSH.





21 Setup source IP

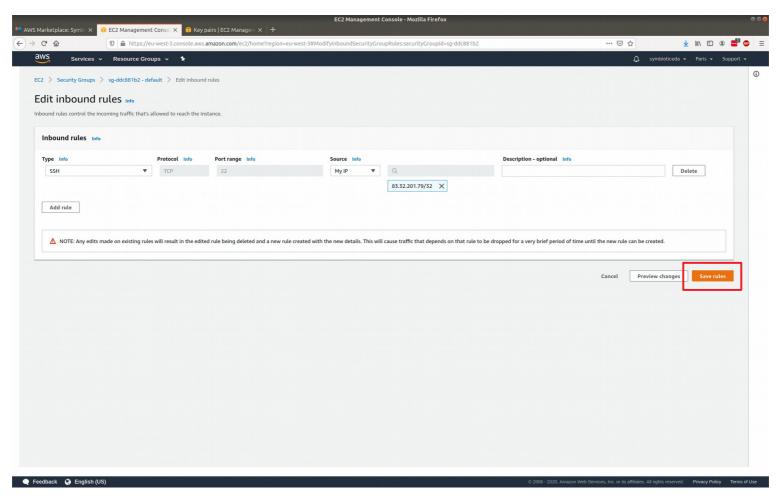
In the source dropdown, choose 'My IP'.





22 Save the new rule

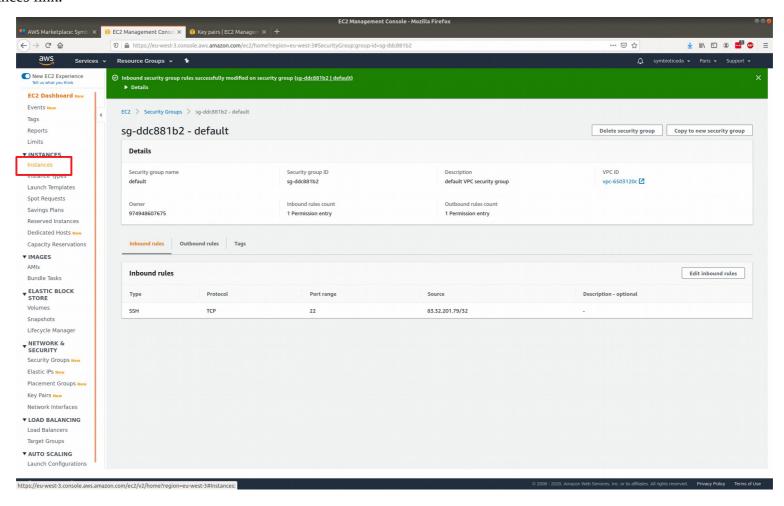
Click the button.





23 View the instances

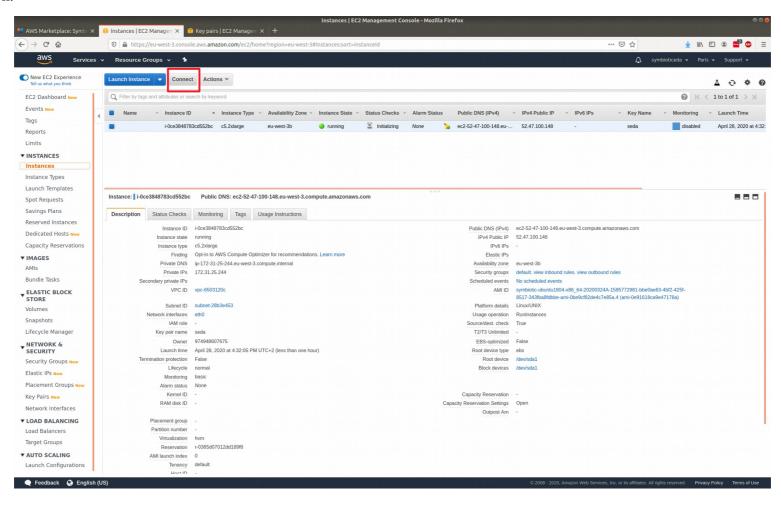
Click the instances link.





24 Connect to the instances

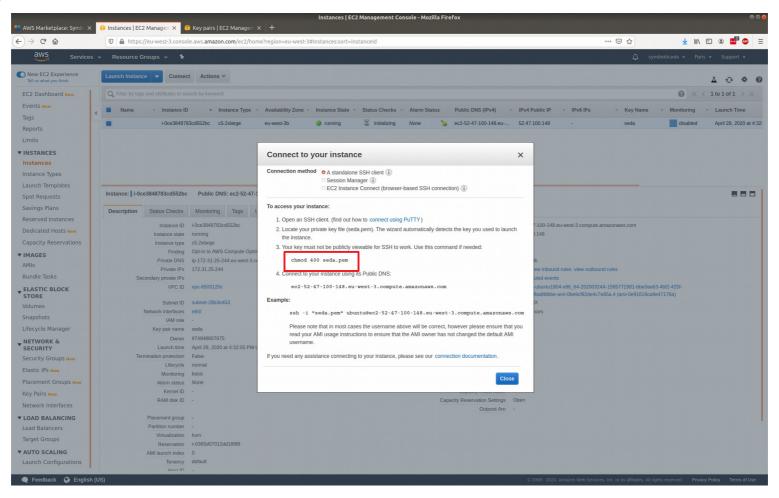
Click the button.





25 Copy the chmod text

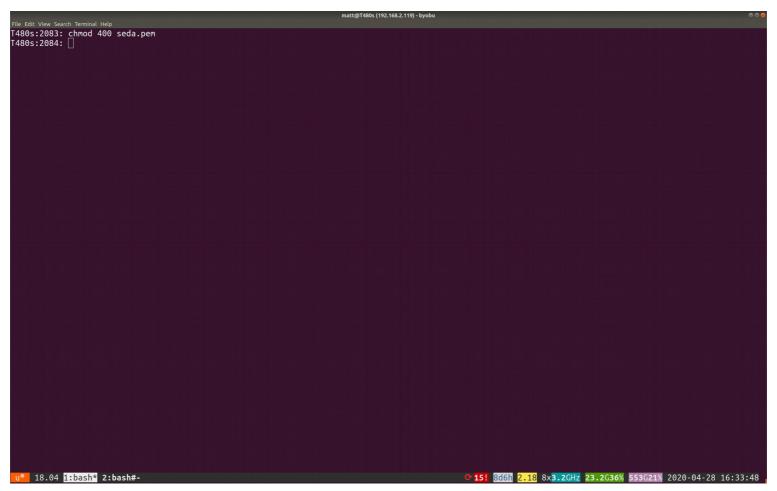
Select and copy the text shown.





26 Run the command on your downloaded key

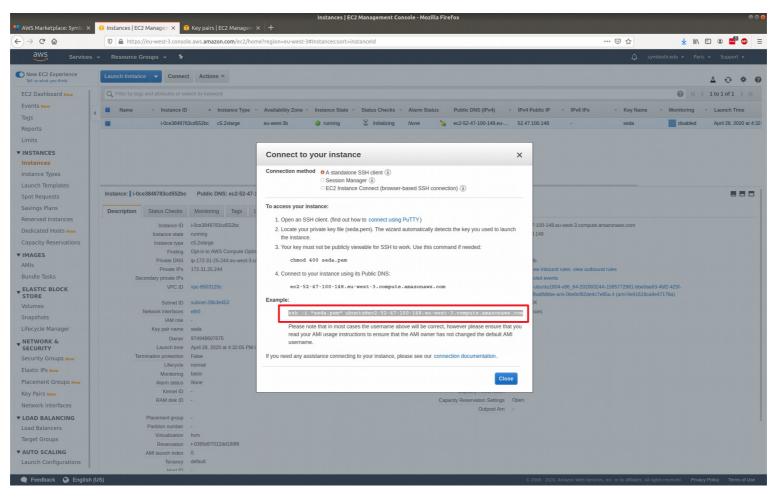
In a terminal, go to where you downloaded the key from step <u>Save the key pair</u>. Then paste in the copied text from step <u>Copy the chmod text</u>.





27 Copy the ssh text

Select and copy the text shown.





28 Run the ssh command

Paste the command copied from step <u>Copy the ssh text</u>.

```
matt@T480s (192.168.2.119) - byobu
File Edit View Search Terminal Help

T480s:2083: chmod 400 seda.pem

T480s:2084: ssh ·i "seda.pem" ubuntu@ec2-52-47-100-148.eu-west-3.compute.amazonaws.com

The authenticity of host 'ec2-52-47-100-148.eu-west-3.compute.amazonaws.com (52.47.100.148)' can't be established.

ECDSA key fingerprint is SHA256:65AXUSjJhCHYoLHizLxyHKLRfnkbONAXsKNWwEqu9i8.

Are you sure you want to continue connecting (yes/no)?
      18.04 1:ssh* 2:bash#-
                                                                                                                                                                                                                           № 15! 8d6h 2.20 8x3.2GHz 23.2G36% 553G21% 2020-04-28 16:34:04
```

29 Confirm connection

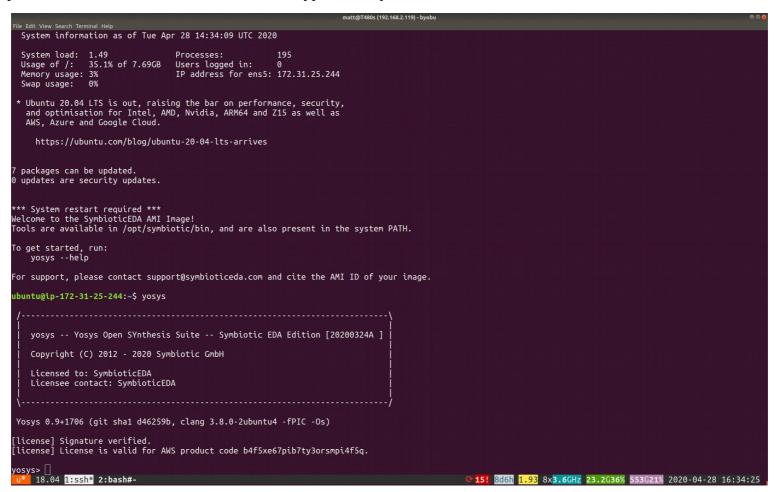
Type yes and then enter to connect.

```
matt@T480s (192.168.2.119) - byobu
T480s:2083: chmod 400 seda.pem
T480s:2084: ssh -i "seda.pem" ubuntu@ec2-52-47-100-148.eu-west-3.compute.amazonaws.com
The authenticity of host 'ec2-52-47-100-148.eu-west-3.compute.amazonaws.com (52.47.100.148)' can't be established.
ECDSA key fingerprint is SHA256:65AXUSjJhCHYoLHizLxyHKLRfnkbONAXsKNWwEqu9i8.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added 'ec2-52-47-100-148.eu-west-3.compute.amazonaws.com,52.47.100.148' (ECDSA) to the list of known hosts.
Welcome to Ubuntu 18.04.4 LTS (GNU/Linux 4.15.0-1057-aws x86 64)
 * Documentation: https://help.ubuntu.com
* Management: https://landscape.canonical.com
 * Support:
                    https://ubuntu.com/advantage
 System information as of Tue Apr 28 14:34:09 UTC 2020
 System load: 1.49
                                                          195
 Usage of /: 35.1% of 7.69GB Users logged in:
                                                         0
 Memory usage: 3%
                                   IP address for ens5: 172.31.25.244
 Swap usage: 0%
 * Ubuntu 20.04 LTS is out, raising the bar on performance, security,
   and optimisation for Intel, AMD, Nvidia, ARM64 and Z15 as well as
  AWS, Azure and Google Cloud.
     https://ubuntu.com/blog/ubuntu-20-04-lts-arrives
 packages can be updated.
0 updates are security updates.
*** System restart required ***
Welcome to the SymbioticEDA AMI Image!
Tools are available in /opt/symbiotic/bin, and are also present in the system PATH.
To get started, run:
   yosys --help
For support, please contact support@symbioticeda.com and cite the AMI ID of your image.
ubuntu@ip-172-31-25-244:~$ 🗌
  18.04 1:ssh* 2:bash#-
                                                                                                   © 15! 8d6h 2.01 8x3.2GHz 23.2G36% 553G21% 2020-04-28 16:34:12
```



30 Start yosys to test the tools

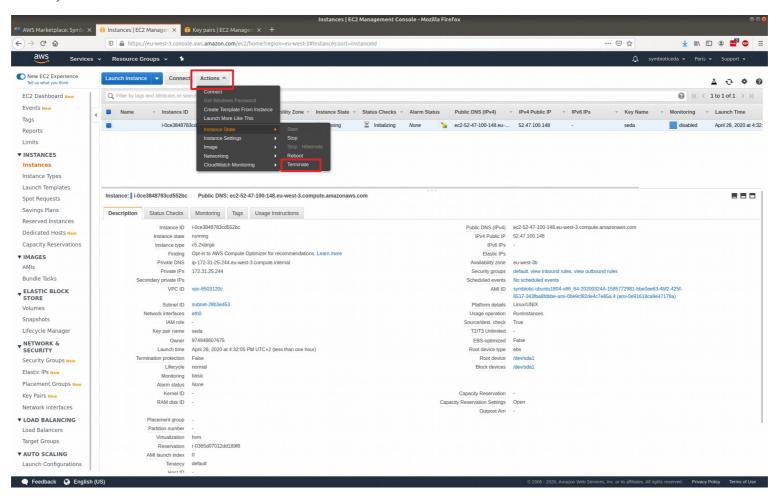
Type yosys and press enter. You will see the license verified. Type exit to quit.





31 Terminate instance when finished

Click the actions button, then choose instance state and terminate.





32 Confirm termination

Click the button to confirm termination of the instance.

