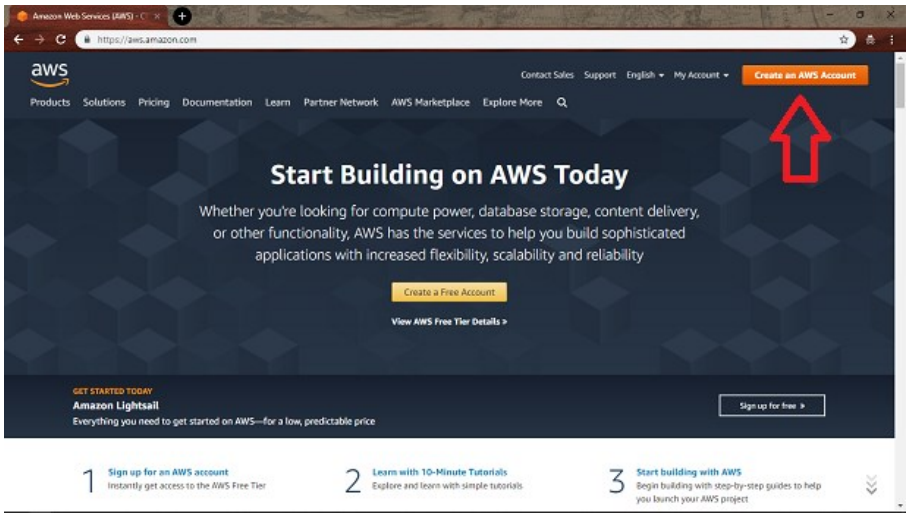
Introduction

This Document helps to create AWS account Server with VestaCP panel with easy steps with screen shots.

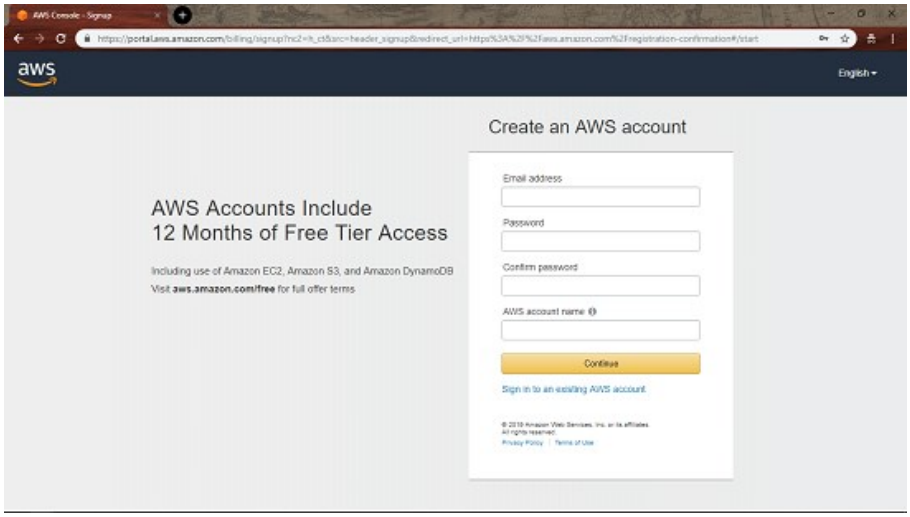
Creating AWS Account

Step 1) First open https://aws.amazon.com

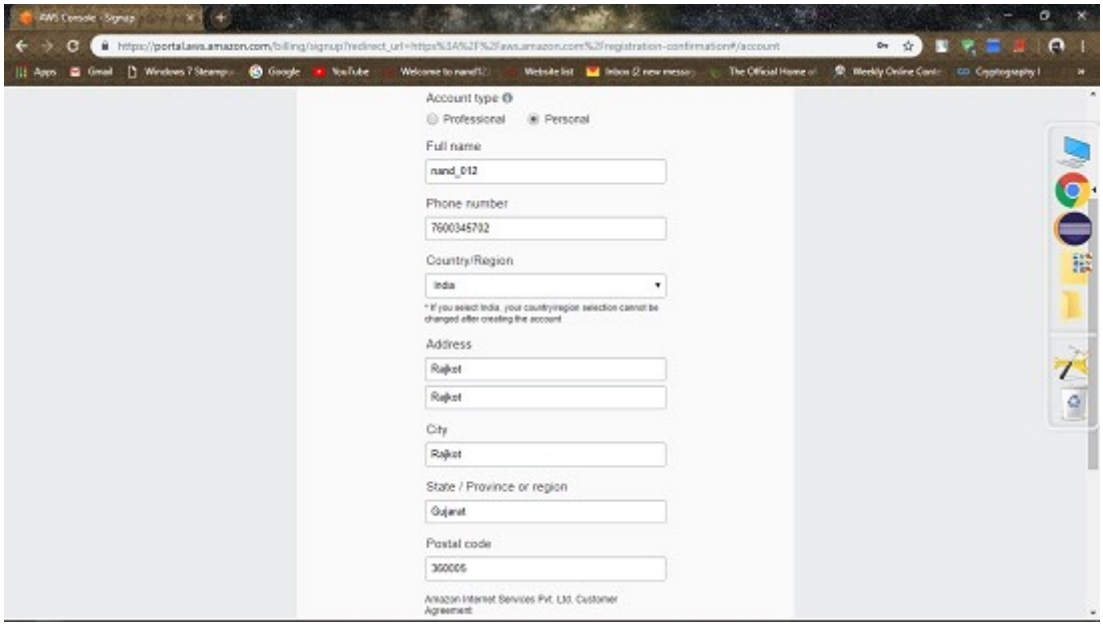
Then Click on Create a AWS Account



Step 2) then Fill the details and press on continue.



Step 3) then Fill the contact information and after that create account and continue,

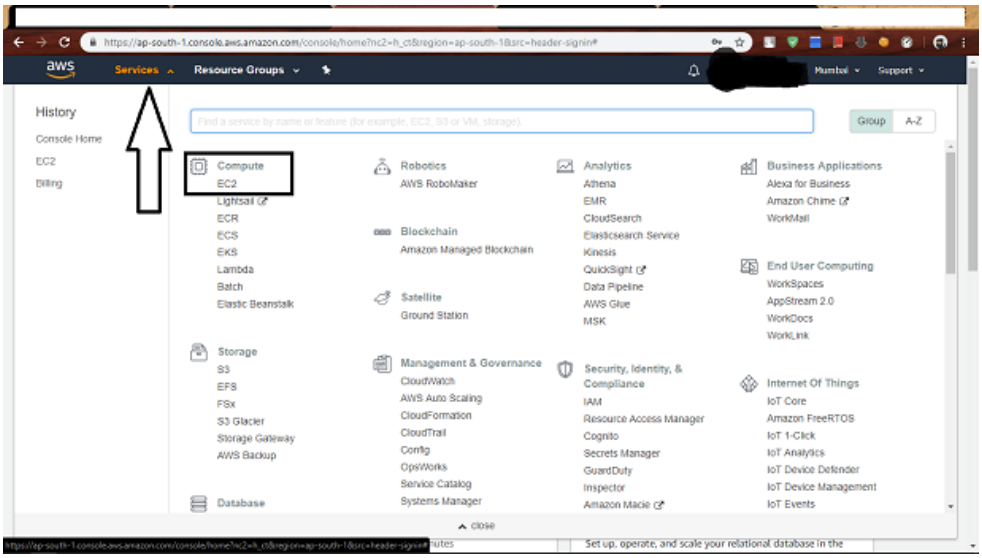


Step 4) then Fill the Payment information in this you need to give the credit or debit card information and to verify the credential they cut 2 Rs on that card so fill the information according to that and provide the valid phone number.

Step 5) after click on secure submit they redirect you to payment master and after that you see the Home page of AWS.

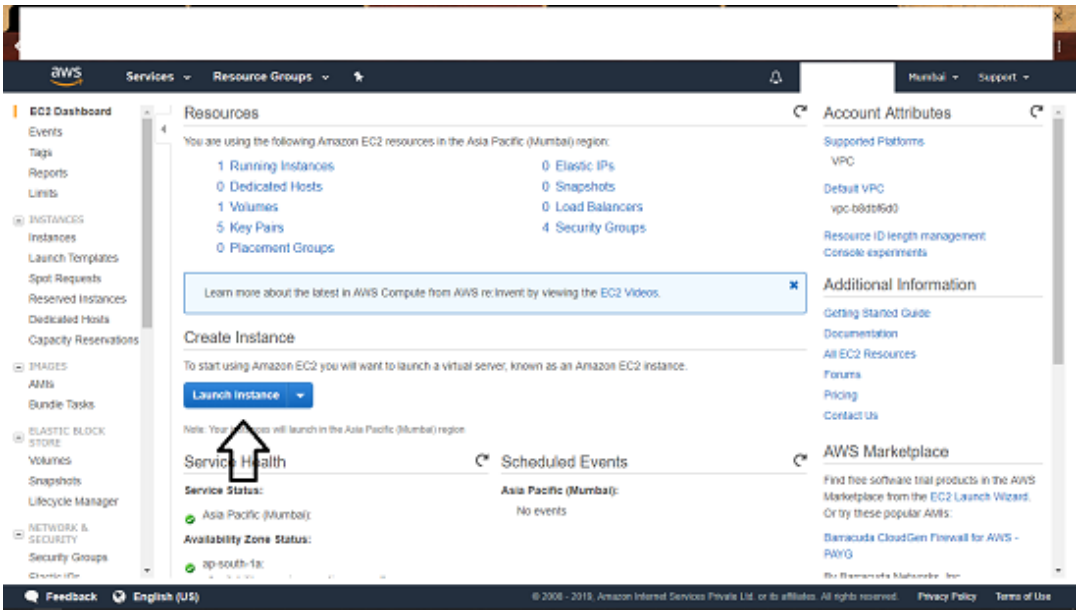
Creating a Server on AWS

Step 1) First Click on Service in menu bar and select EC2 from Compute.

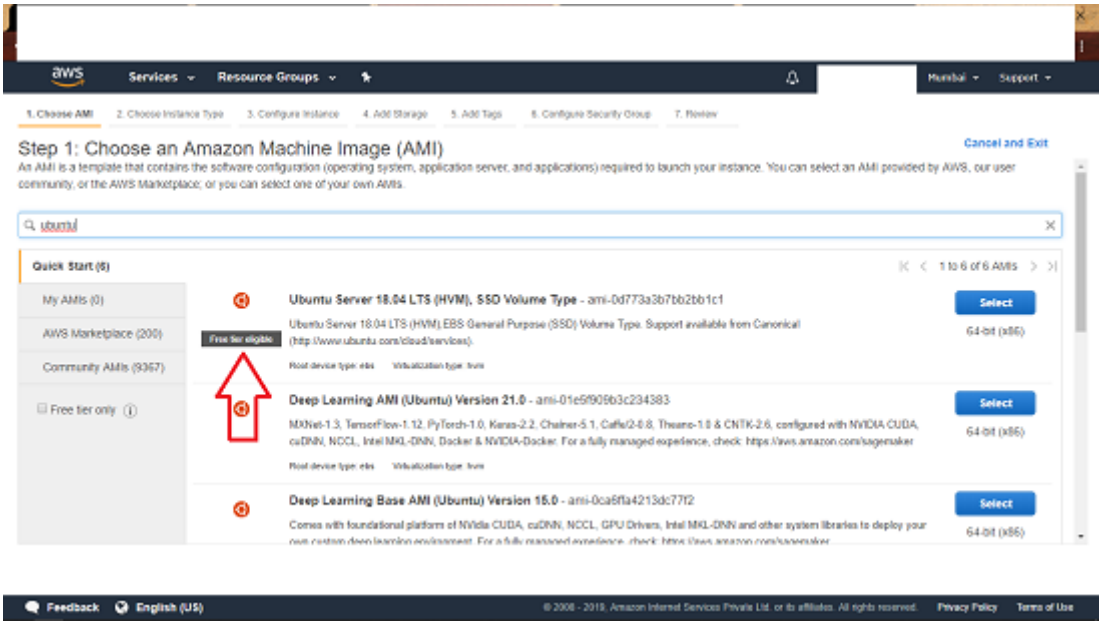


Step 2) now you can see here the total no of running instances, security groups, key pairs and etc.

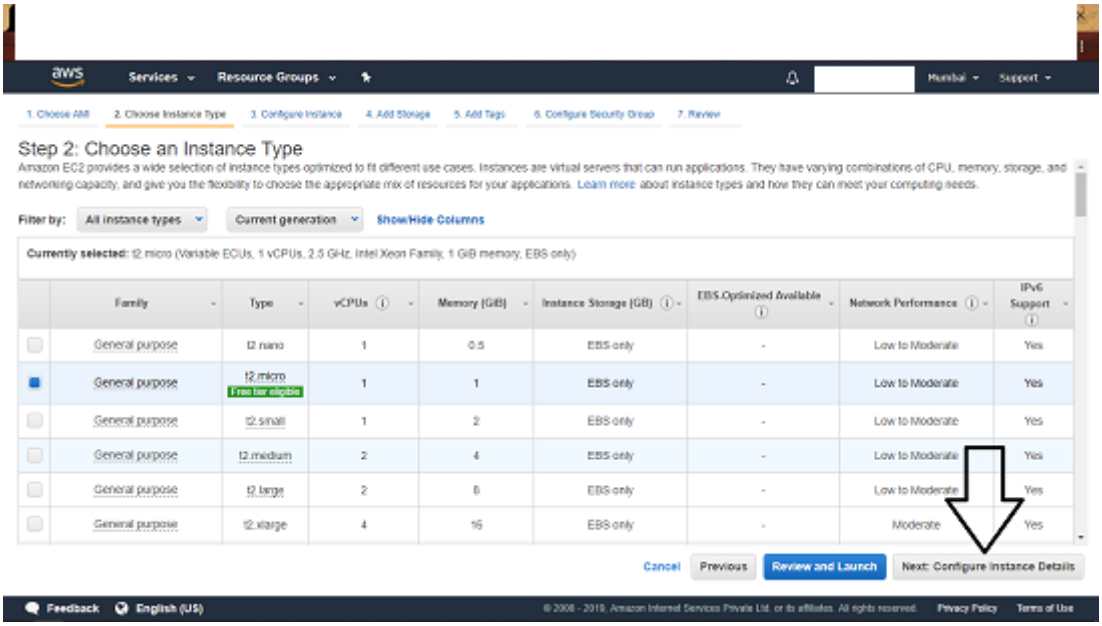
Step 3) For Create new Instance click on Launch Instance



Step 4) now you need to choose an Amazon Machine Image. So select the AMI according to your requirement. (For free service choose t2.micro services and checked the free tier only option) (Here i choose the Ubuntu 18.04 AMI) Then click on next

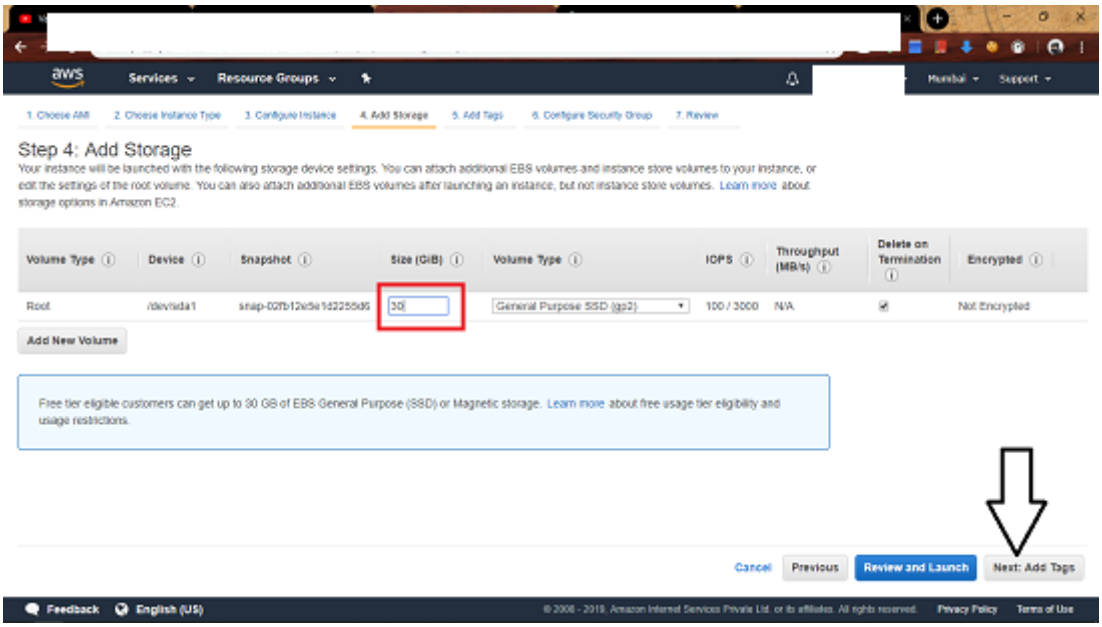


Step 5) now we need to choose the instance type. For free tier choose t2.micro or you need high lev CPU memory etc. you can choose according to it AWS charge the instance. Click on next



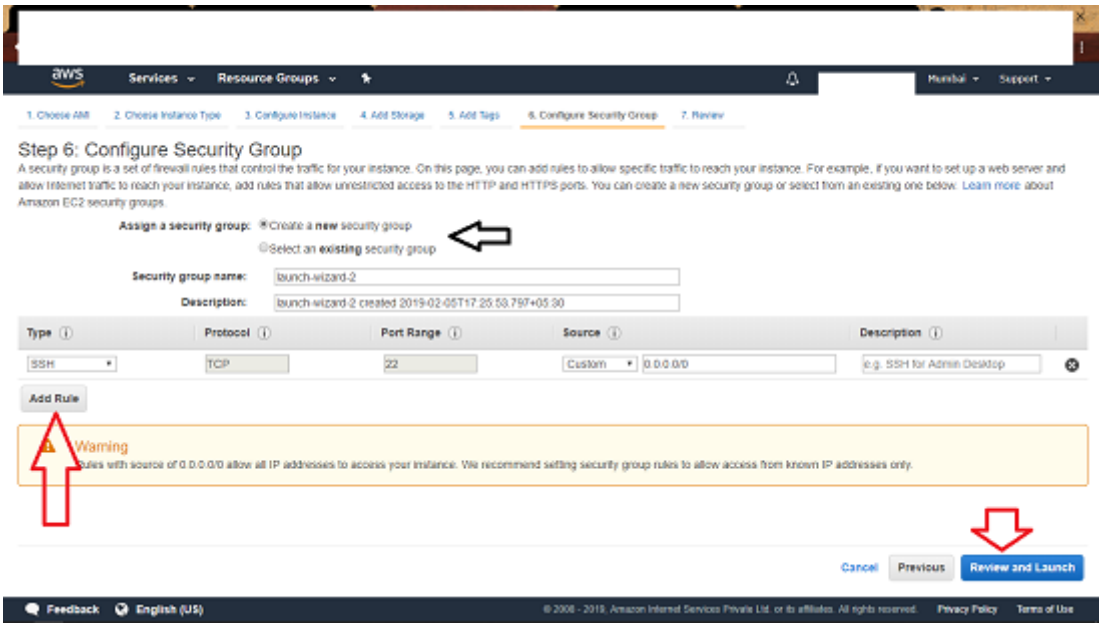
Step 6) for here Configure Instance Details provide to you ....you can change if you want otherwise click on next: Add storage.

Step 7) Add Storage....Now AWS provide Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage. So enter size whatever you need.

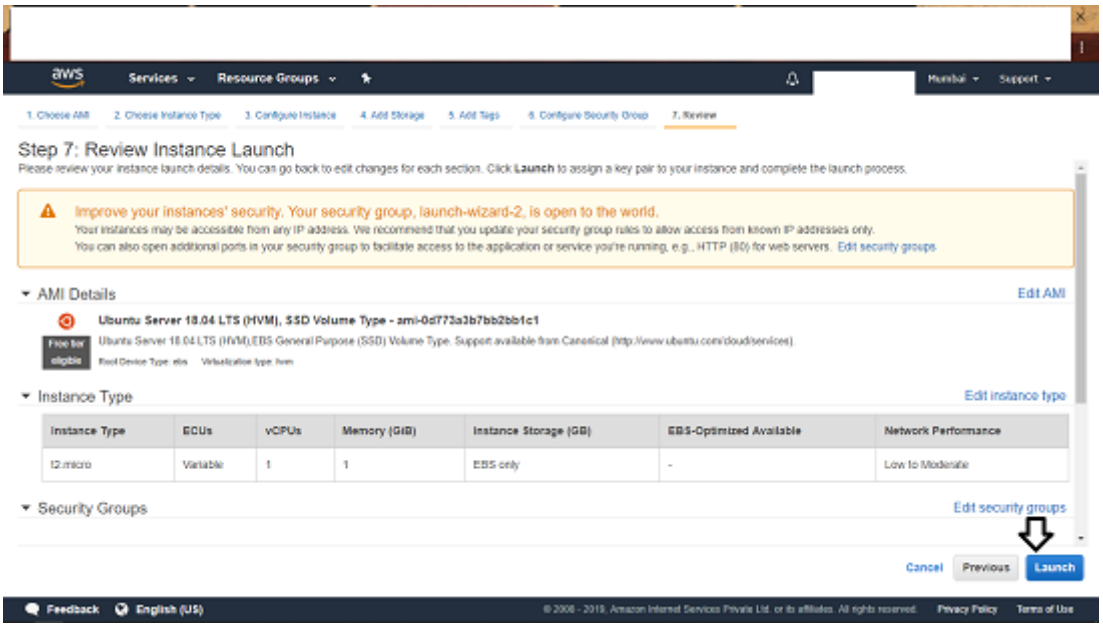


Step 8) now if you want to add tag you can otherwise skip this and click on Next.

Step 9) Step 6: Configure Security Group...Here you need to select the port number that can access you website or server. So you can create a new or select existing if you already created before. now add rules 1) SSH 2) HTTP(without this you can't open the terminal or Ubuntu or any server) 3) HTTPS 4) for VestaCP you need to add Custom TCP rule and give port range 8083 and for general purpose give all source form anywhere. Now click on review and Launch.



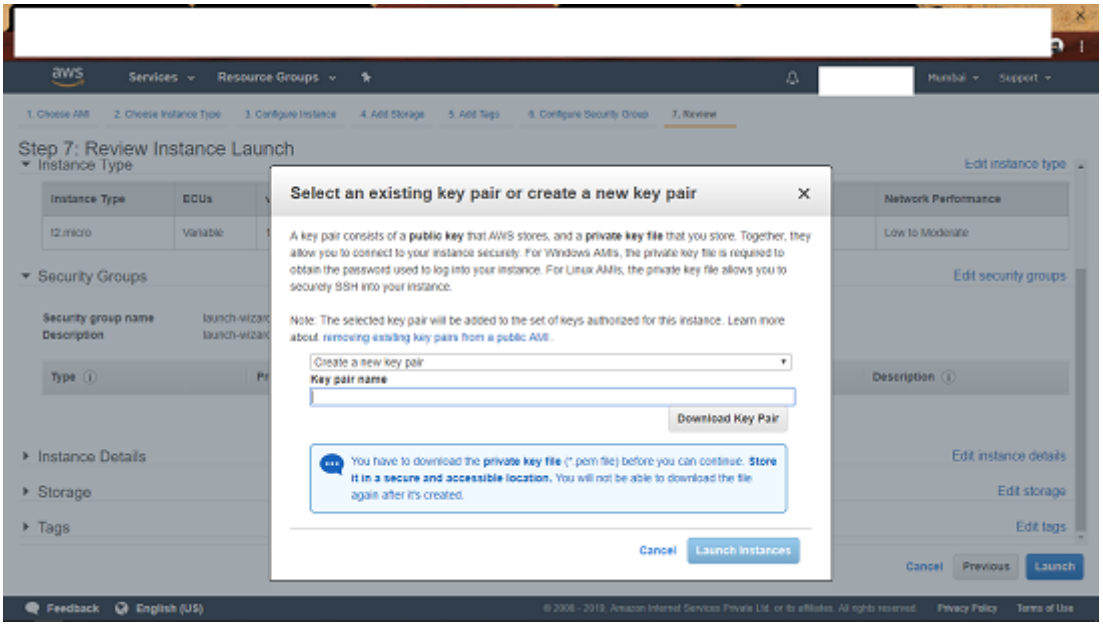
Step 10) Here complete details about the server you selected and other information of the instance. Check and click on Launch.



Step 11) Now you need to select an existing key pair or create a new key pair.

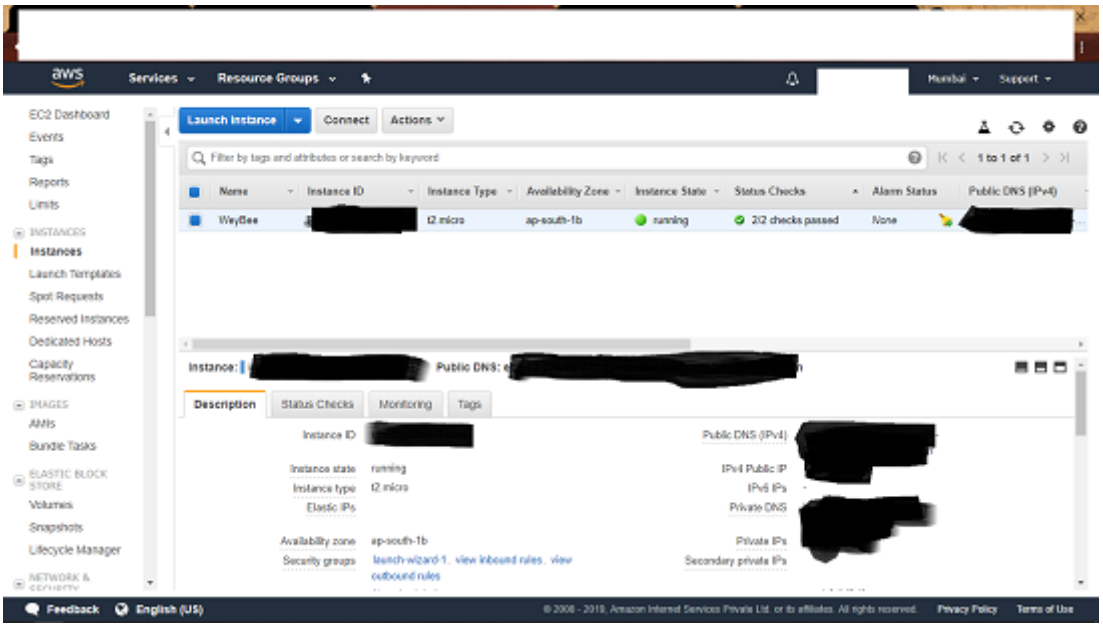
If you choose existing key pair first check that is available or not in your PC because without that key you can't login to your server or instance and the key is one time generated so no option available if you loss the key.

If you choose new key pair give name and download the key pair file and the click on Launch Instance.



Step 12) Now go to services -> EC2 -> Running Instance

Step 13) select the instance and you can see the full details about server or instance with public IP and Private IP and DNS name and etc. info.



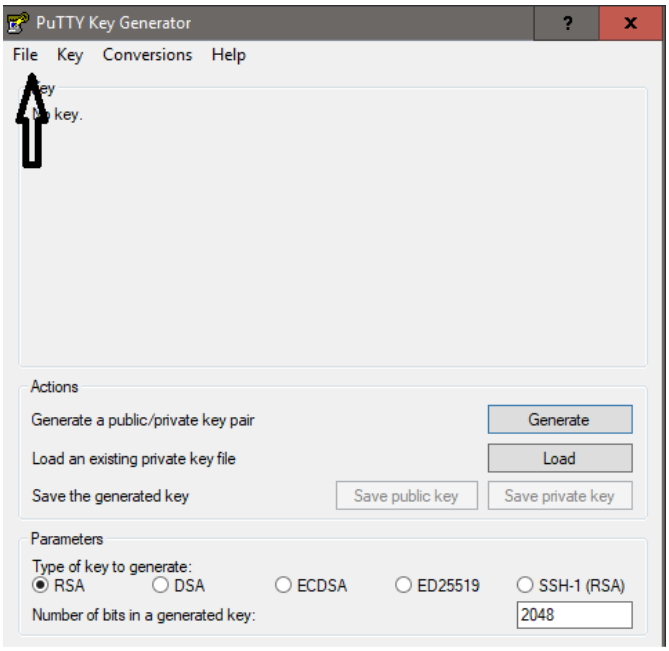
How to Connect SSH connection or Open the Instance.

Step 1) you need to choose which method you want to access the SSH connection. There are many software available in market here we choose Putty for SSH connection.

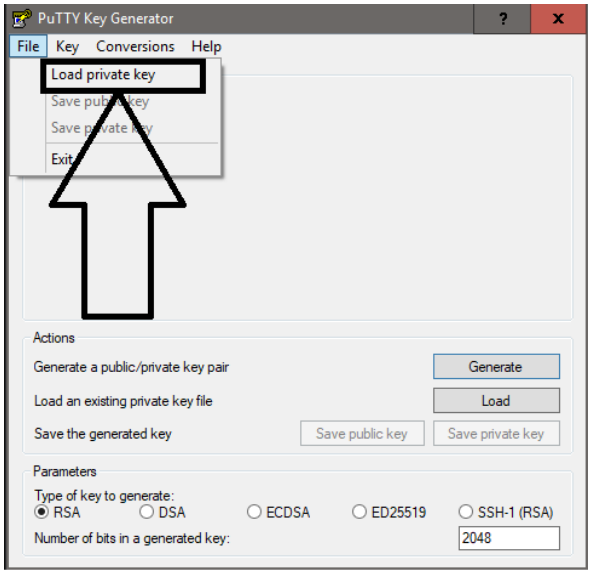
Download Link: https://www.chiark.greenend.org.uk/~sgtatham/putty/latest.html

Step 2) Download the PuTTY Software with PuTTYgen.

Step 3) now open PuTTYgen software.

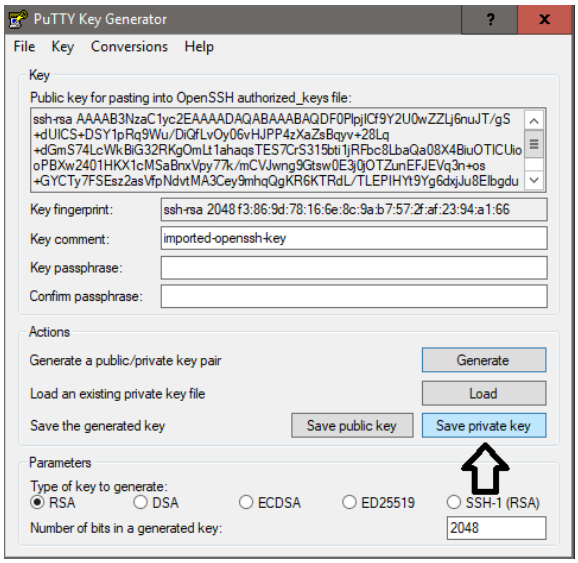


Step 4) now click on file -> load private key -> select proper (.pem) file

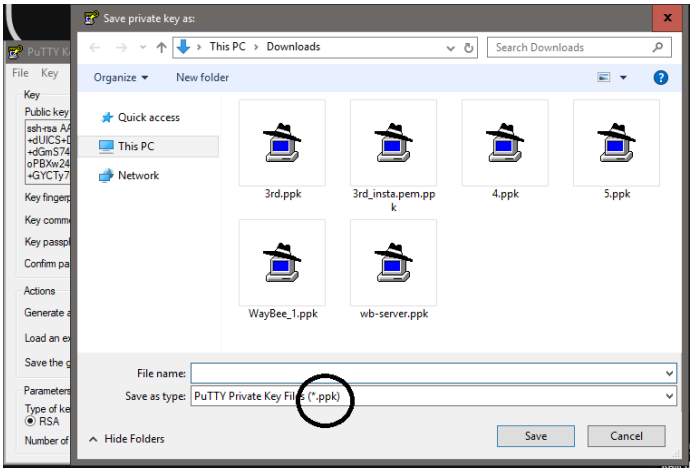


Step 5) after that one pop will appear click ok.

Step 6) Then click on save private key after click on that on popup will appear click yes.



Step 7) save with .ppk format on desire destination.



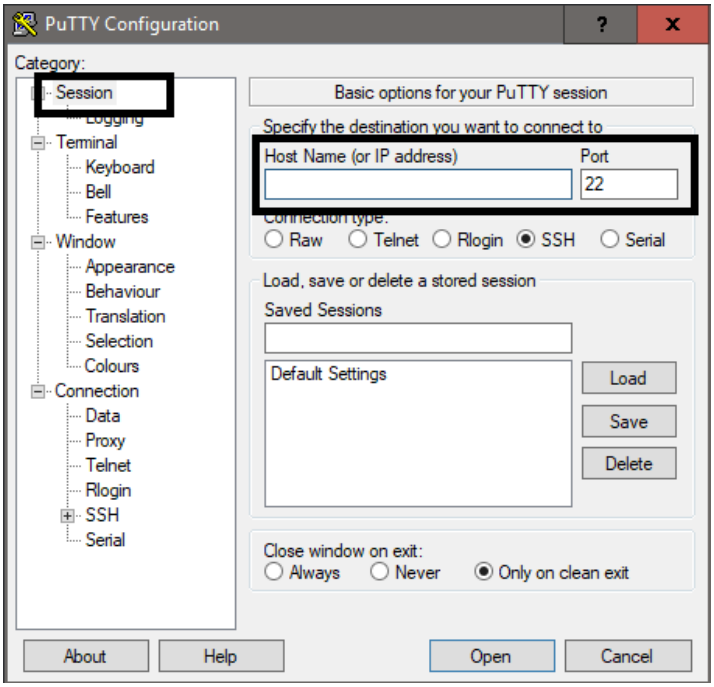
Step 8) you have successfully created .ppk file for SSH connection.

Step 9) Now open putty.

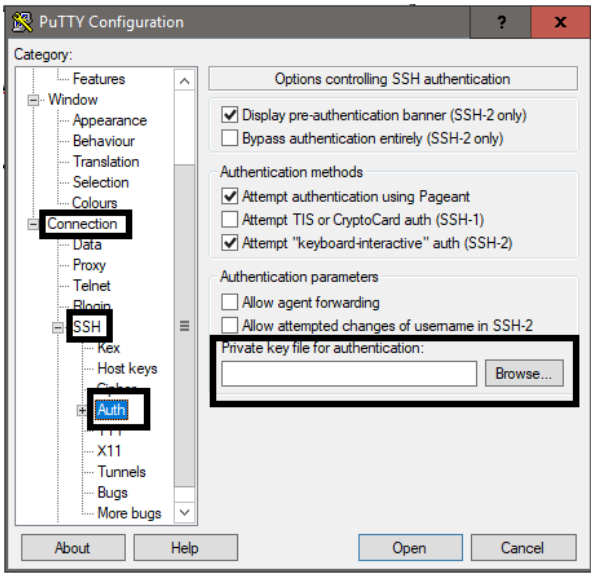
Step 10) in session enter the hostname@PublicDNS in hostname field.

Step 11) For Ubuntu servers' hostname is Ubuntu

For windows server hostname is root.



Step 12) Go to Connection -> SSH -> click on Auth.



Step 13) Now in private key file for authentication browse that .ppk file to connect with server.

Step 14) click on Open and then you see a terminal and then click yes (only first time they ask whether it is secure or not)

Step 15) SSH Connection open with your server.

Note: - If port no 80 is closed you cannot connect to your service until it open.

How to install vestaCp on your server.

Step 1) Open SSH connection with your instance.

Step 2) Type following commands...

```
sudo apt-get update && sudo apt-get upgrade -y
```

```
curl -O http://vestacp.com/pub/vst-install.sh
```

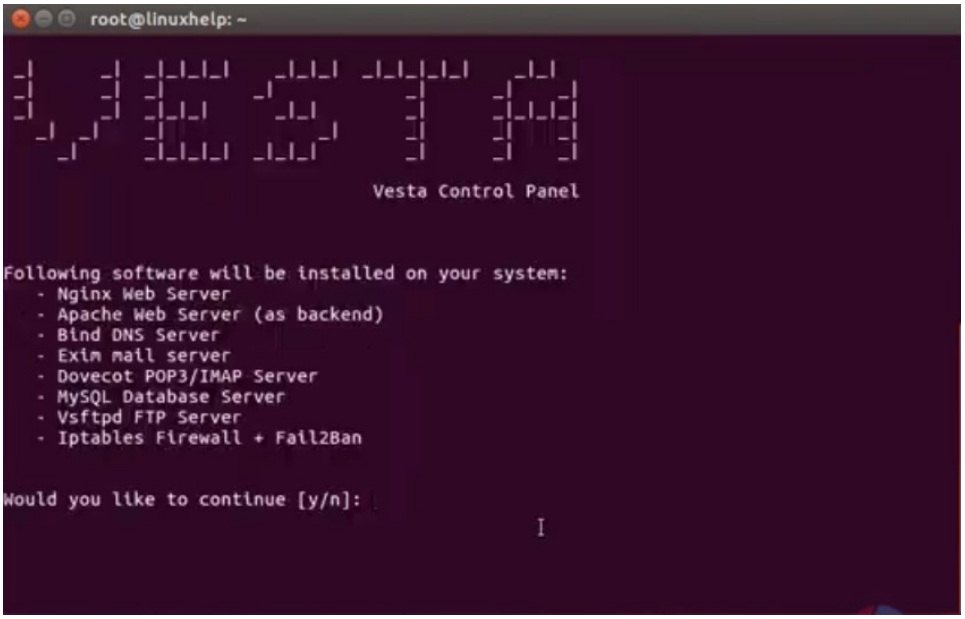
```
bash vst-install.sh
```

After run last command installation will start.

->now press y for install all software

->After that enter email address

->after that enter hostname(IP) or you can enter blank it will automatically take IP from ssh connection.



Installation takes 15 mins.

-> Once installation complete in terminal admin and password is given note that.

Once installation complete open your ip in browser with port no 8083.

First check that in your security group is 8083 port added or not ....if not then add that port.

Now enter the username and password that you note somewhere after that you can see a vesta panel in your browser.

Reference: https://www.youtube.com/watch?v=aVe9VxdRt2c