

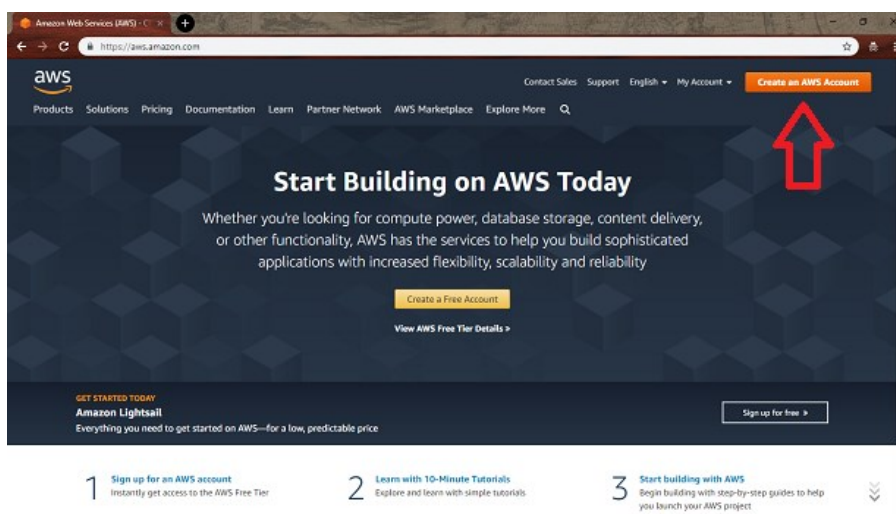
Introduction

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

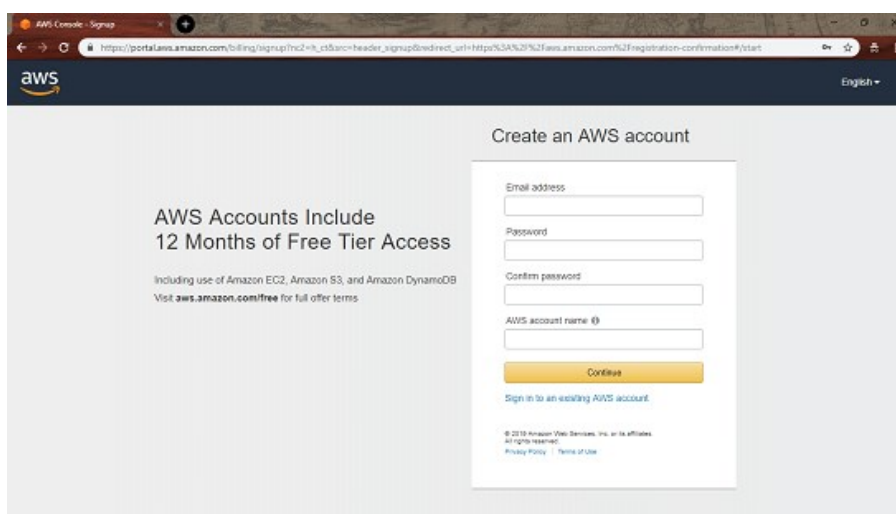
Creating AWS Account

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

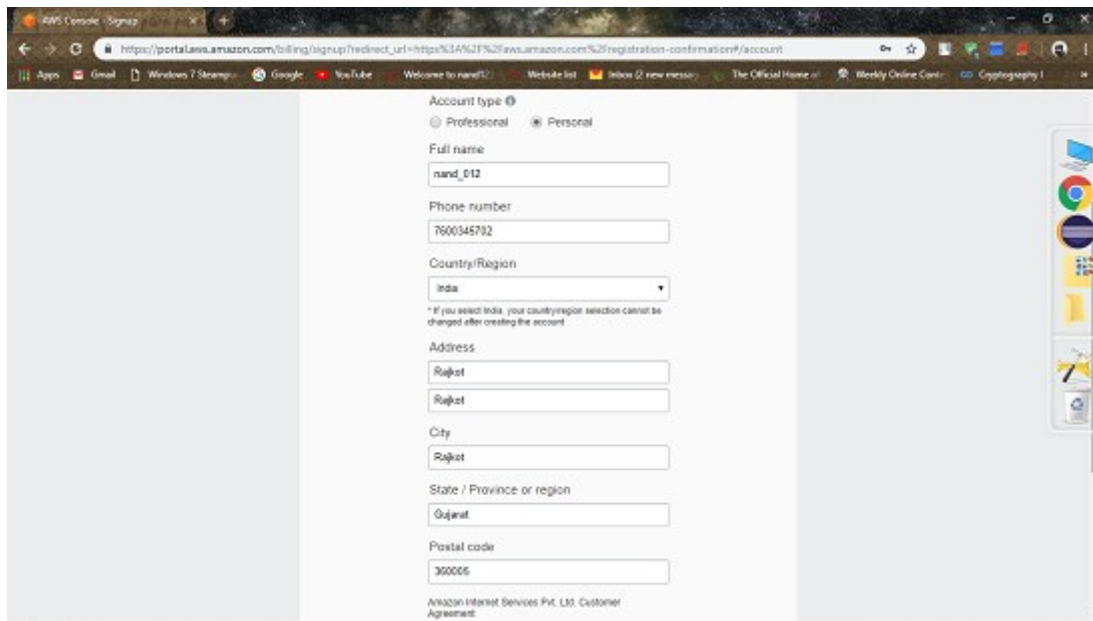
Then Click on Create a AWS Account



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



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

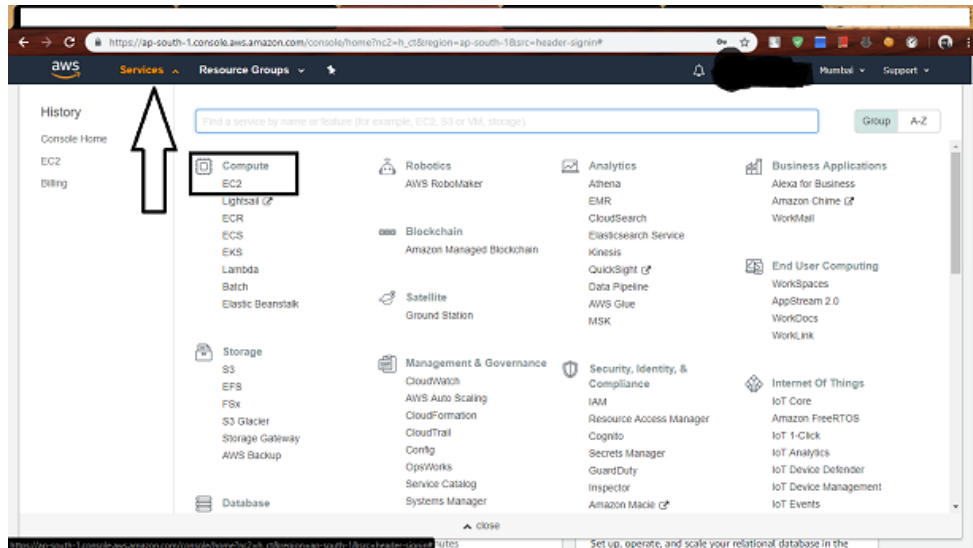
A screenshot of a web browser showing the AWS account creation page. The browser's address bar displays a URL from portal.aws.amazon.com. The page has a light gray background with a white central form area. At the top of the form, there are two radio buttons for 'Account type': 'Professional' (unselected) and 'Personal' (selected). Below this, the form contains several input fields: 'Full name' with the text 'nand_012', 'Phone number' with '7600345792', 'Country/Region' with a dropdown menu showing 'India', and a note stating '* If you select India, your country/region selection cannot be changed after creating the account'. The address section includes four stacked input fields for 'Address' (all containing 'Rajkot'), a 'City' field (containing 'Rajkot'), a 'State / Province or region' field (containing 'Gujarat'), and a 'Postal code' field (containing '360005'). At the bottom of the form, the text 'Amazon Internet Services Pvt. Ltd. Customer Agreement' is visible. The browser's taskbar at the bottom shows various icons including Google, YouTube, and several open windows.

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.

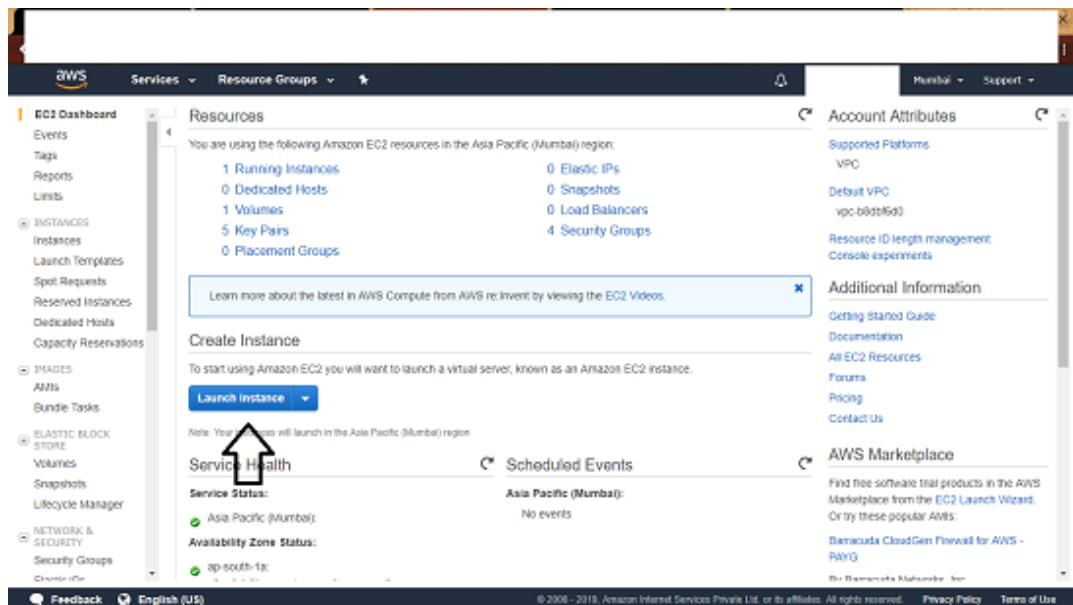
Creating a Server on AWS

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

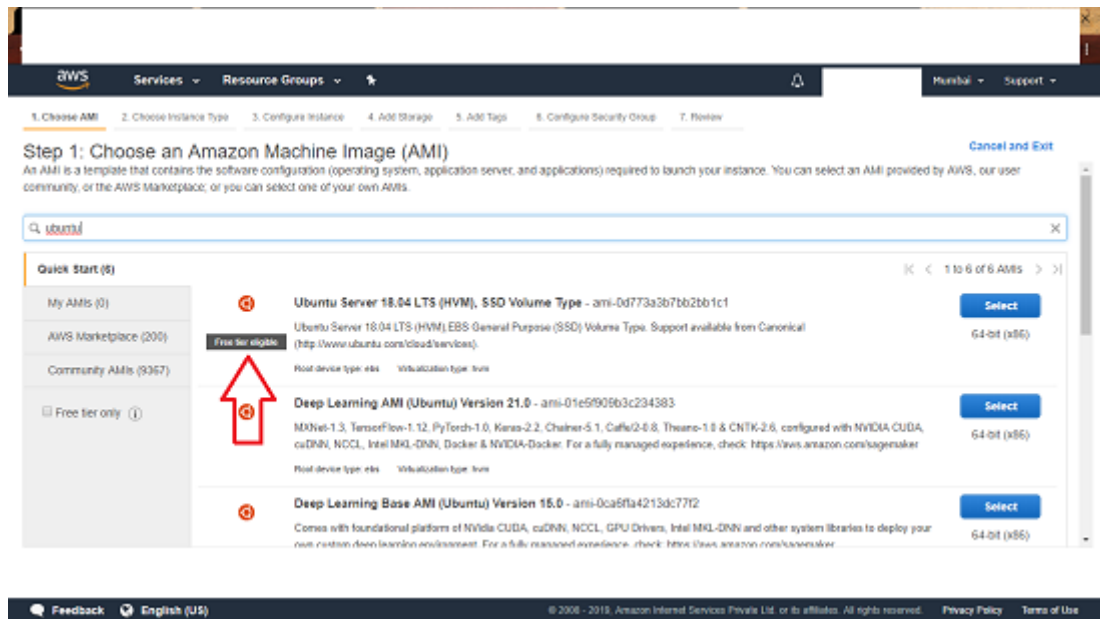


Step 2) now you can see here the total no of running instances, security groups, key pairs and etc.

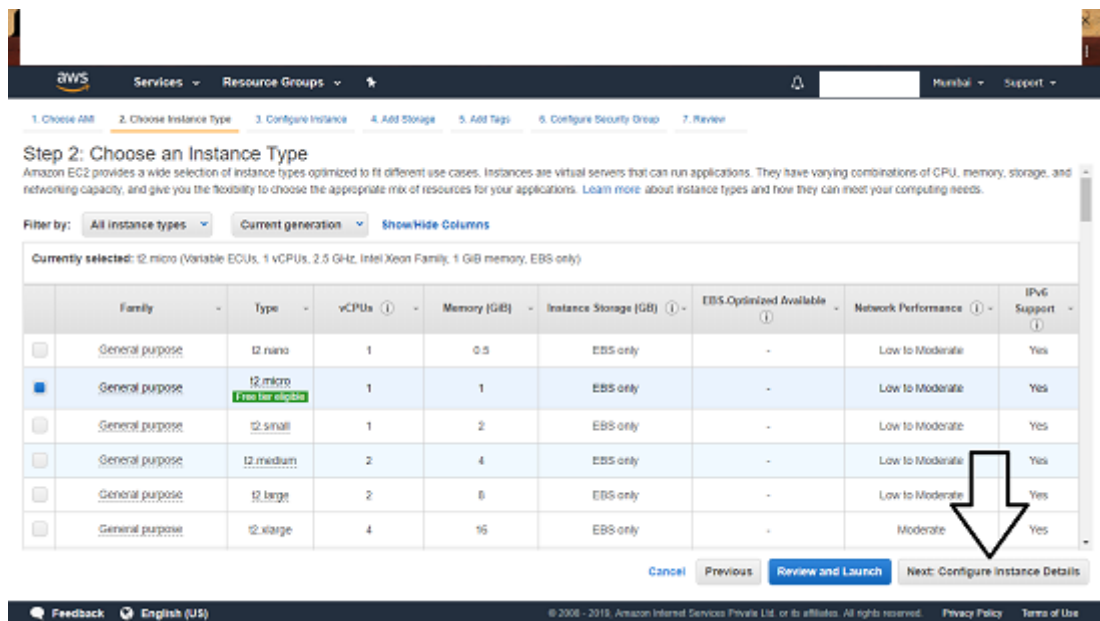
Step 3) For Create new Instance click on Launch Instance



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 youyou 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 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	Encrypted
Root	/dev/sda1	snap-027b12e5e1d2255d5	30	General Purpose SSD (gp2)	100 / 3000	N/A	<input checked="" type="checkbox"/>	Not Encrypted

[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 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 6: Configure Security Group

A security group is a set of firewall rules that control the traffic for your instance. On this page, you can add rules to allow specific traffic to reach your instance. For example, if you want to set up a web server and allow Internet traffic to reach your instance, add rules that allow unrestricted access to the HTTP and HTTPS ports. You can create a new security group or select from an existing one below. [Learn more](#) about Amazon EC2 security groups.

Assign a security group: ☒ Create a new security group ☐ Select an existing security group

Security group name: bunch-wizard-2

Description: bunch-wizard-2 created 2019-02-05T17:25:53.757+05:30

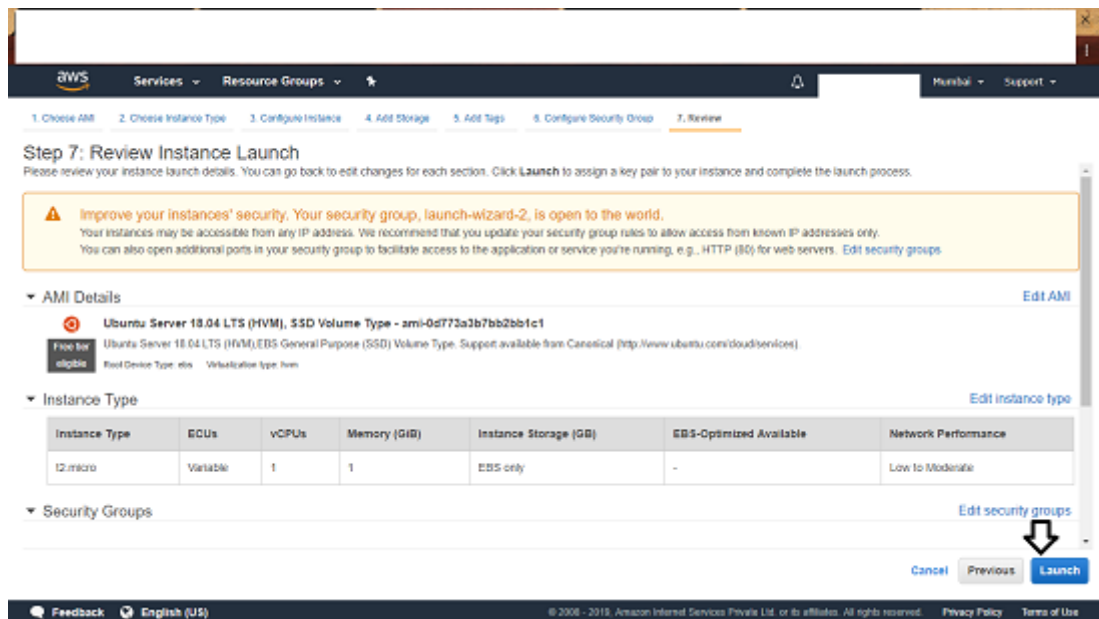
Type	Protocol	Port Range	Source	Description
SSH	TCP	22	Custom 0.0.0.0/0	e.g. SSH for Admin Desktop

[Add Rule](#)

Warning
Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

[Cancel](#) [Previous](#) [Review and Launch](#)

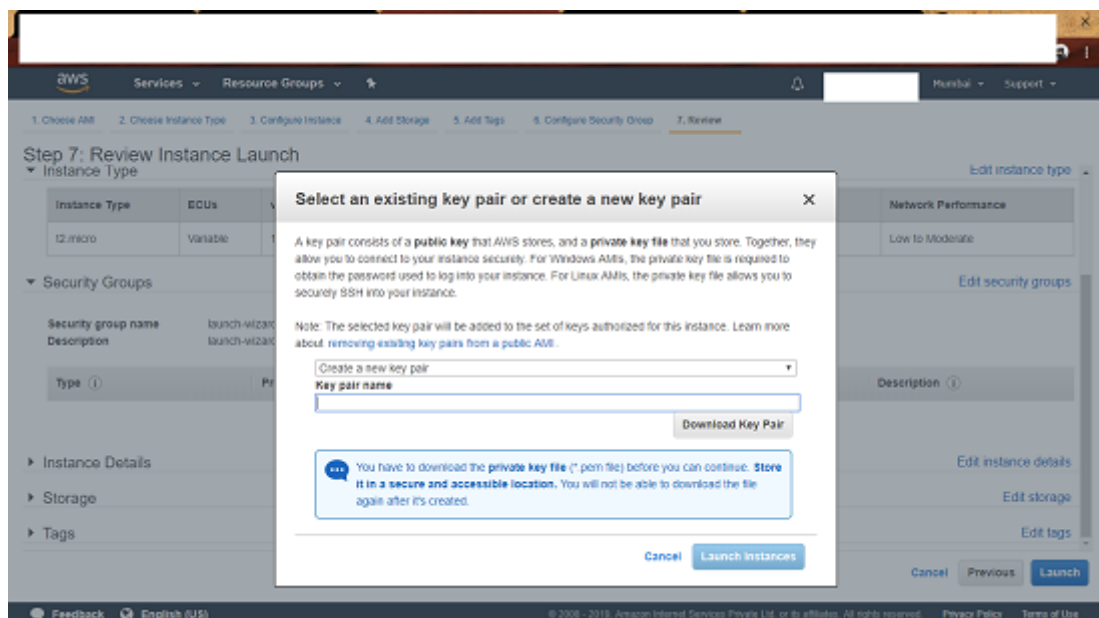
Step 10) Here complete details about the server you selected and other information of the instance. Check and click on Launch.



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

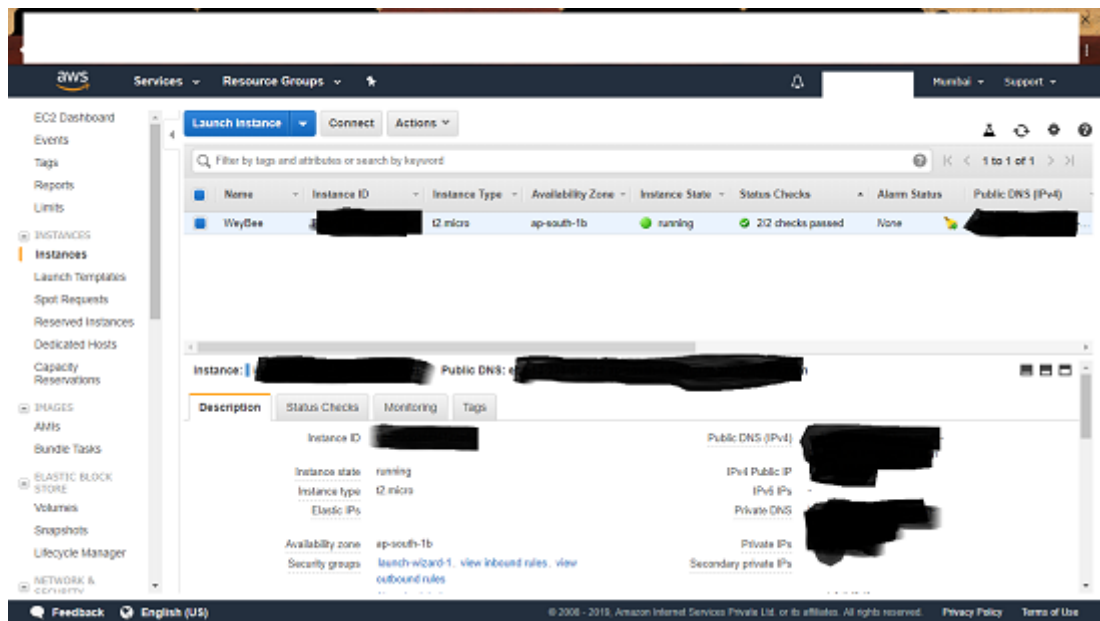
If you choose existing key pair first check that is available or not in your PC because without that key you can't login to your server or instance and the key is one time generated so no option available if you loss the key.

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.



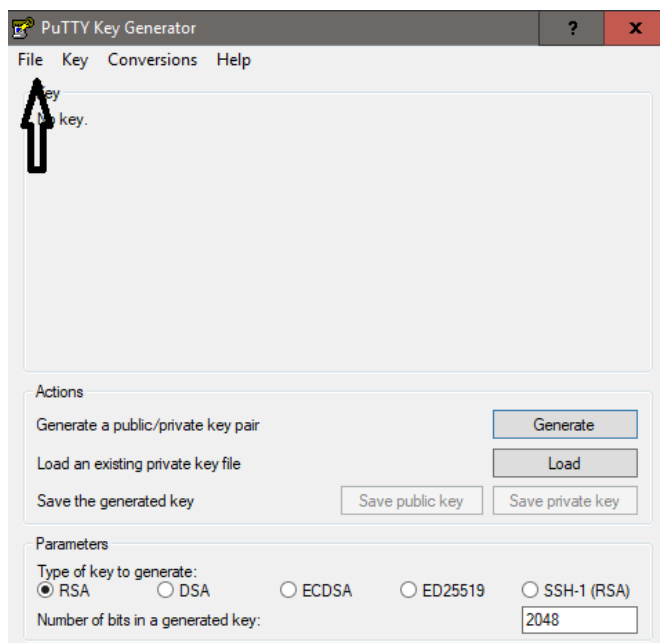
How to Connect SSH connection or Open the Instance.

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.

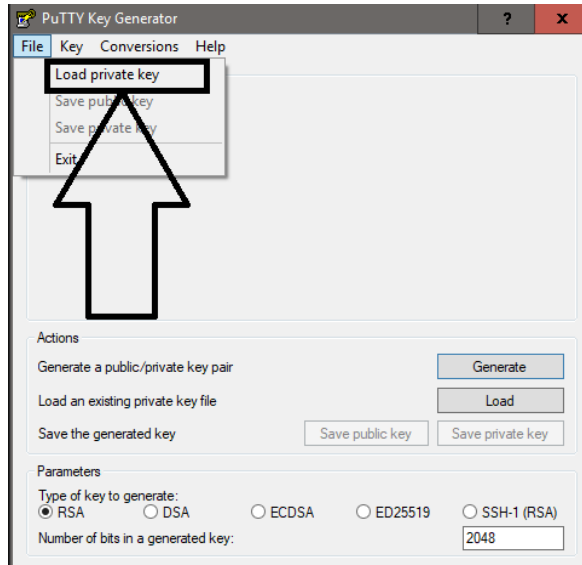
Download Link: <https://www.chiark.greenend.org.uk/~sgtatham/putty/latest.html>

Step 2) Download the PuTTY Software with PuTTYgen.

Step 3) now open PuTTYgen software.

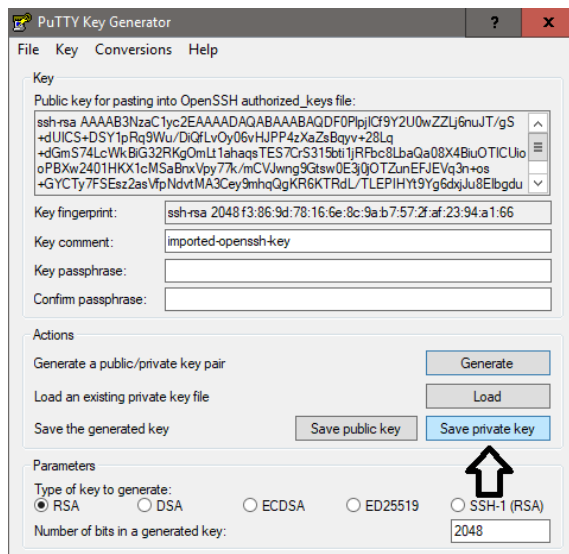


Step 4) now click on file -> load private key -> select proper (.pem) file

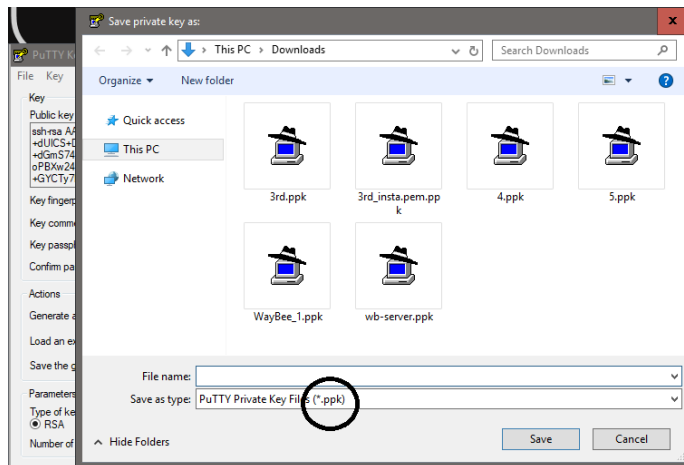


Step 5) after that one pop will appear click ok.

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.



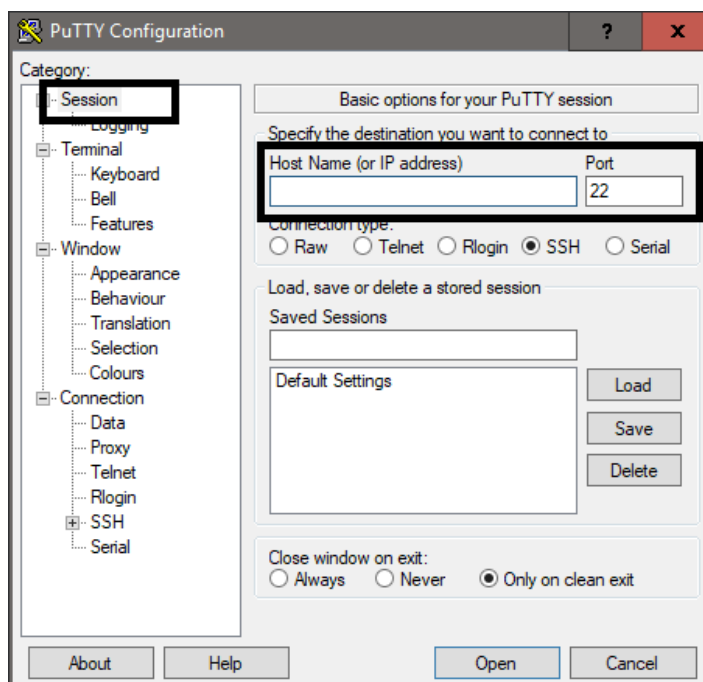
Step 8) you have successfully created .ppk file for SSH connection.

Step 9) Now open putty.

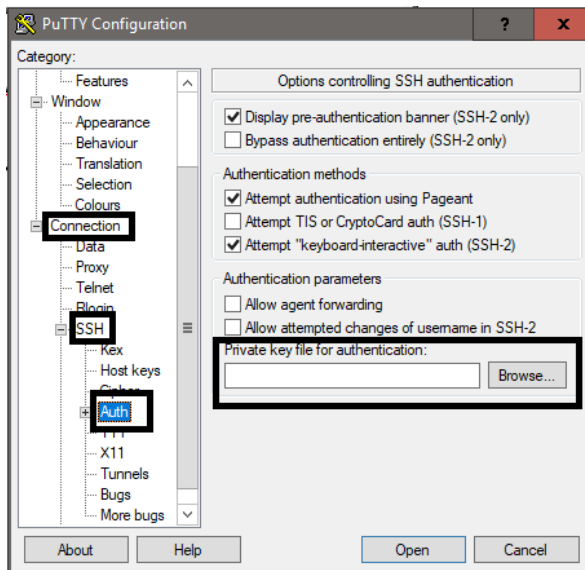
Step 10) in session enter the hostname@PublicDNS in hostname field.

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.

[illegible]

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 notif 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>