Amazon Web Services
SSH EC2

TUTORIAL

http://aws.amazon.com

Author/s:

External Sources:

- http://aws.amazon.com/
- https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/AccessingInstancesLinux.html

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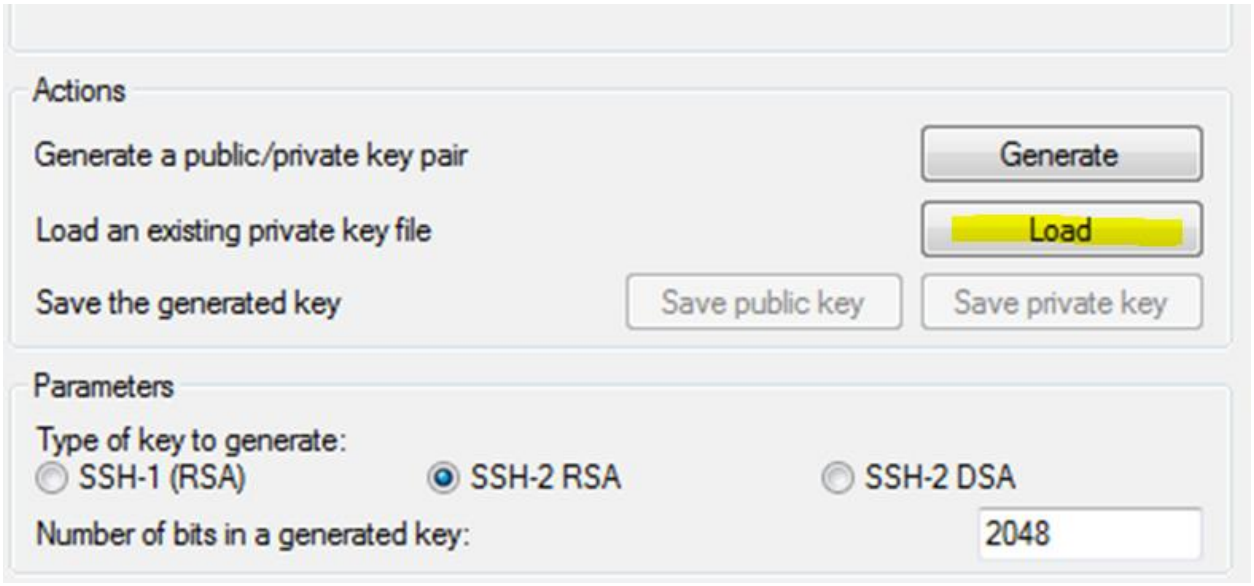
AWS EC2 – Connection to EC2 instance using SSH

EC2 After you launch your instance, you can connect to it and use it the way that you'd use a computer sitting in front of you.

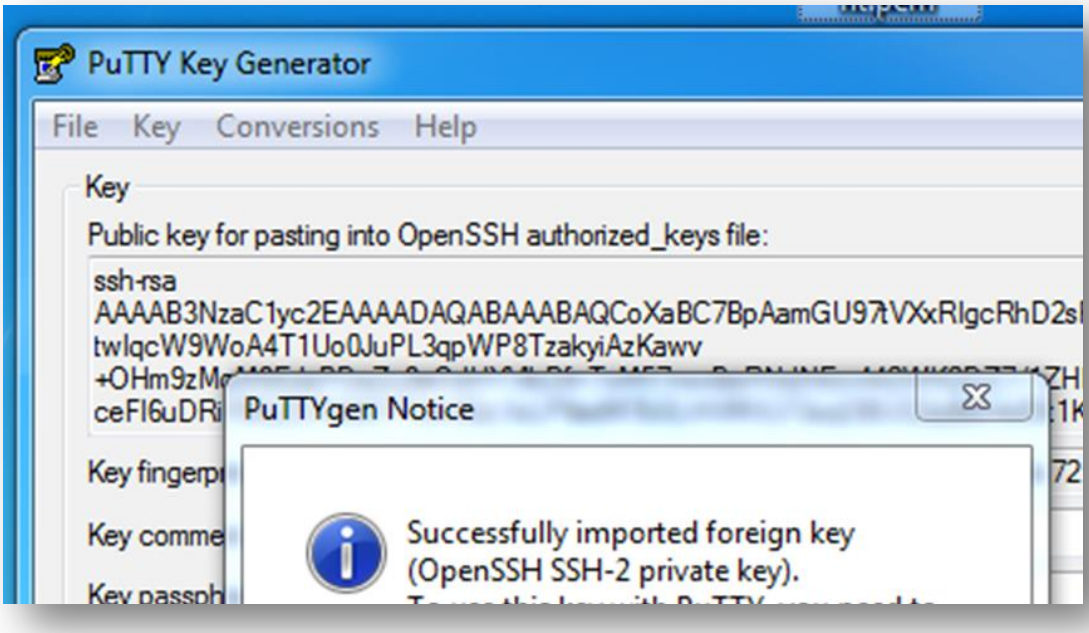
Requirements

- A running EC2 Instance
- Software to download
  - Putty
  - PuTTgen
- "key pair" (.pem) file that you have downloaded when creating instance
- ".ppk" file - We will generate this file using PuTTygen.

Create ppk file using PuTTygen

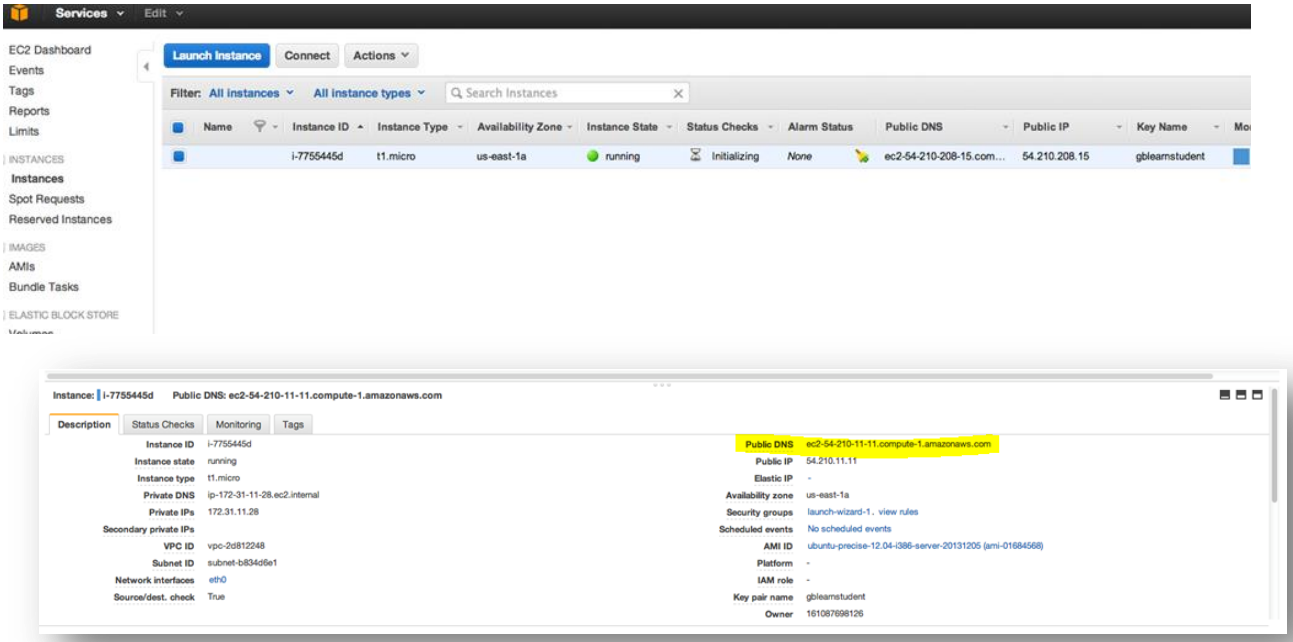


- Open Putty Key Generator
- Click on “Load” button
- Browse to where you have save you (name).pem file and select the file
- Click open to generate the key to use by Putty



- When you load your key file PuTTygen will suggest you to save the key
- Click on “OK”
- Click on “Save private key”
- Save the key without passphrase by clicking “Yes”
- Save the file where you have saved .pem file and give it the same name as .pem file name

Connecting to the Server

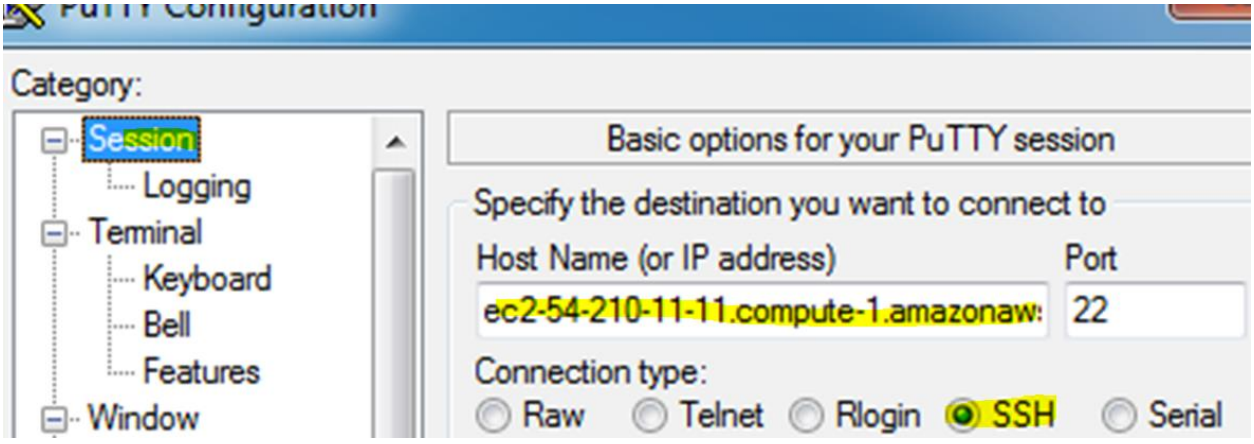


Requirements

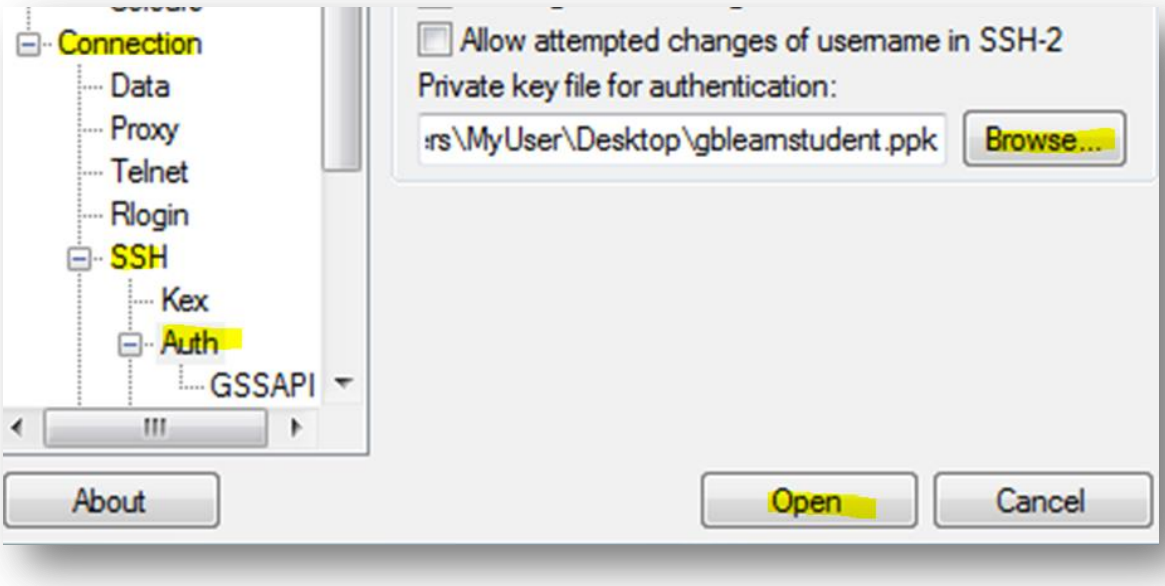
- Ppk file
- Host name
    - Login in to your AWS console
    - Go to EC2 Dashboard
    - Get "Public DNS" value

PuTTy setup

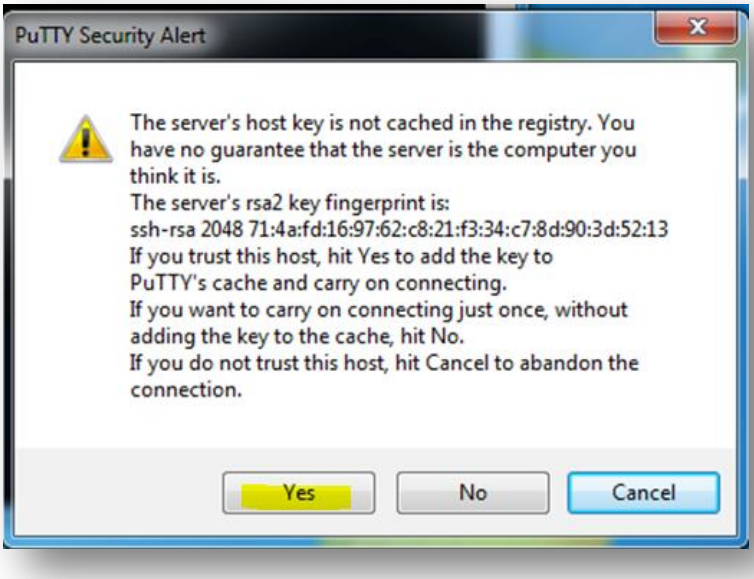
- Open PuTTy
- Click on Session fill in the Host Name (or IP address) With "Public DNS" from EC2 Instance

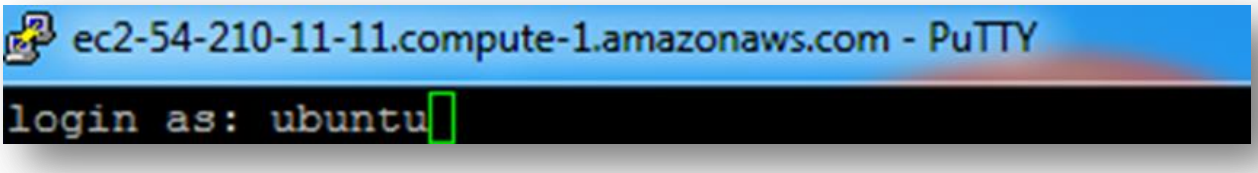


- Expend Connection -> SSH -> Auth (select Auth)
- Click on “Browse” and load your .ppk file
- Click “Open” to start the connection.

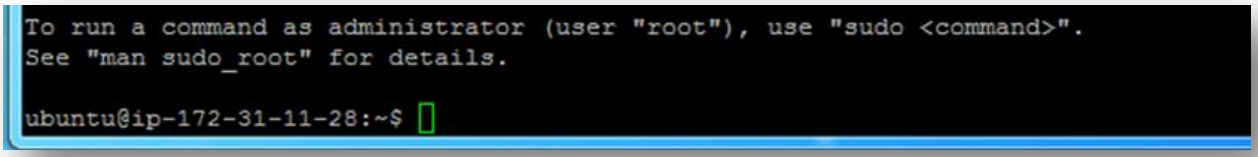


The very first time that you connect, you will see a **Security Alert** telling you that the server's host key is not cached in the registry. Click on Yes to add the key to PuTTY's cache. You should not see this message again.



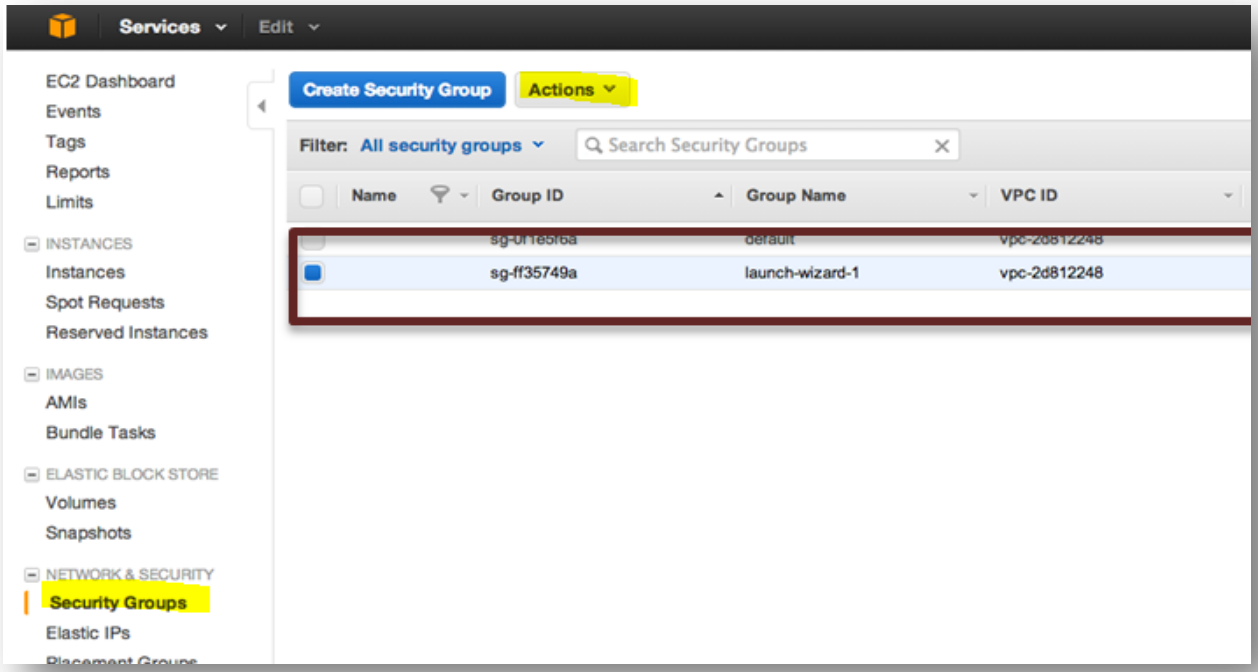


- Enter **ubuntu** as username

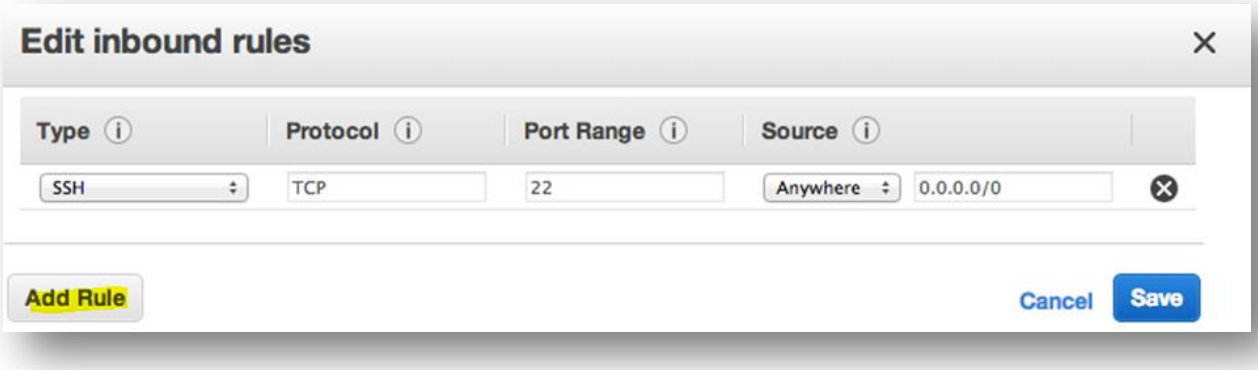


- You are now connected to you EC2 Instance.

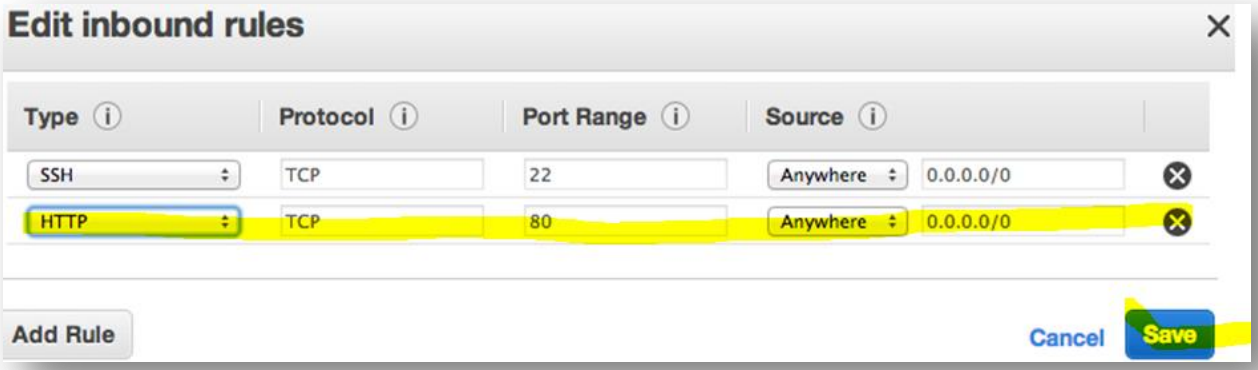
Enabling port 80 inbound connections



- Open the Amazon EC2 console
- In the navigation pane, click " Security Groups"
- Select the security group you wish to enter 80 inbound connection
- Click on "Actions"



- Click on “Add Rule” button



- Select “HTTP” from the dropdown and click on “Save”
- Now you should be able to see webpage from your site by using your “Public DNS” or “Public IP”