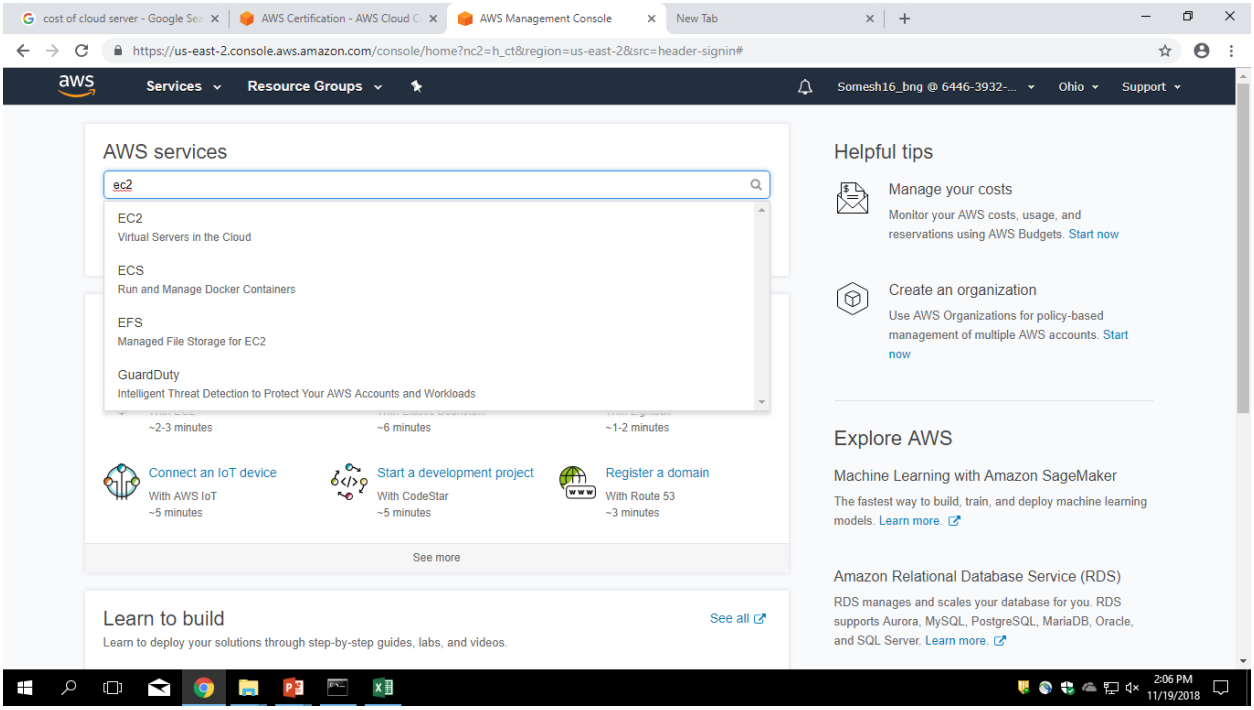
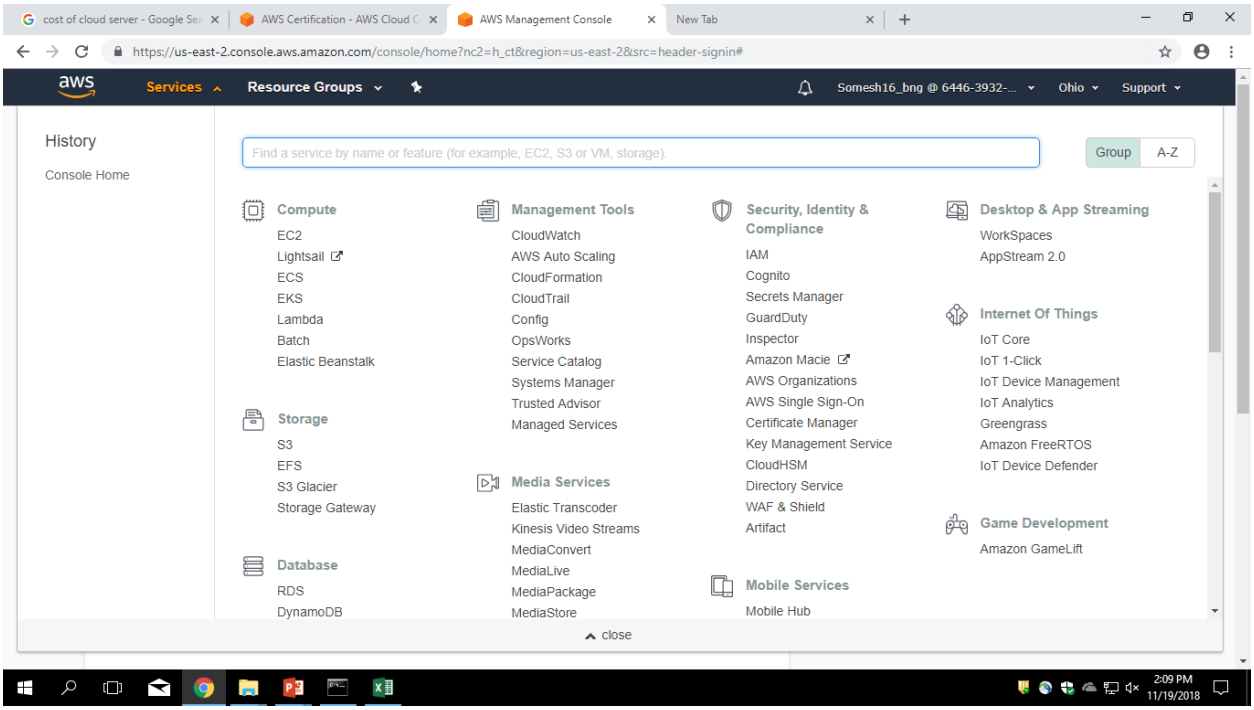
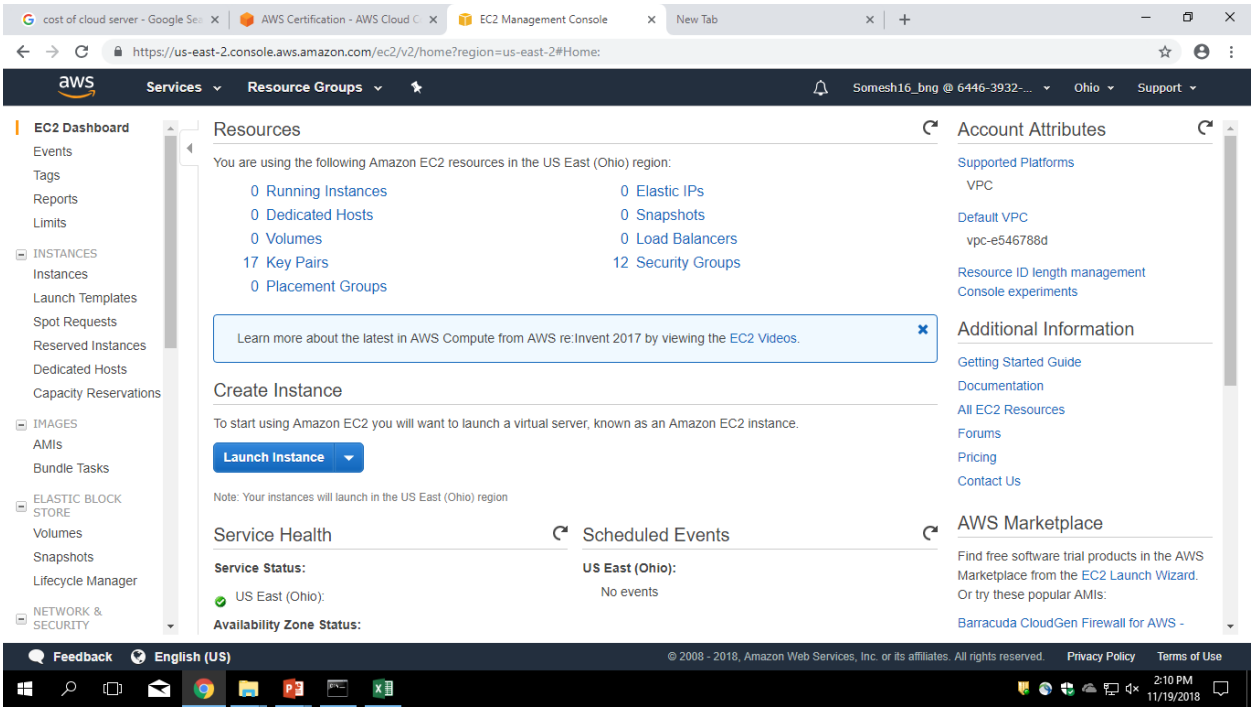
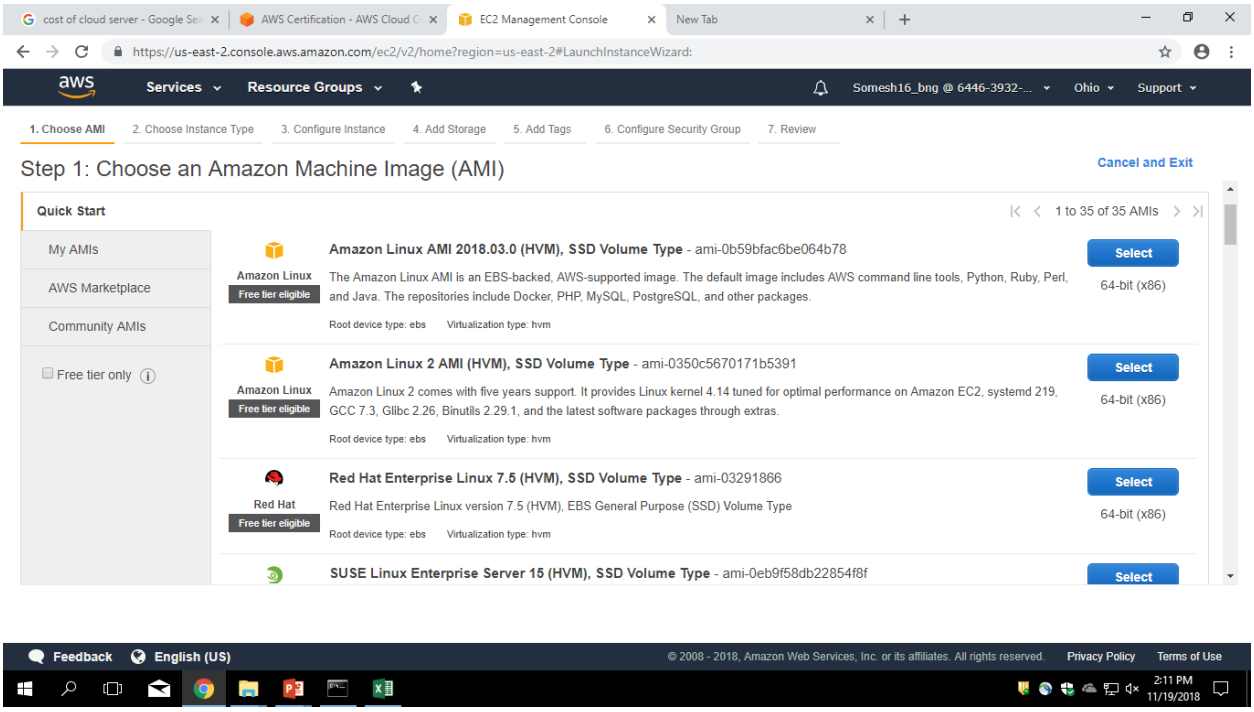
Creation of Ec2 instance

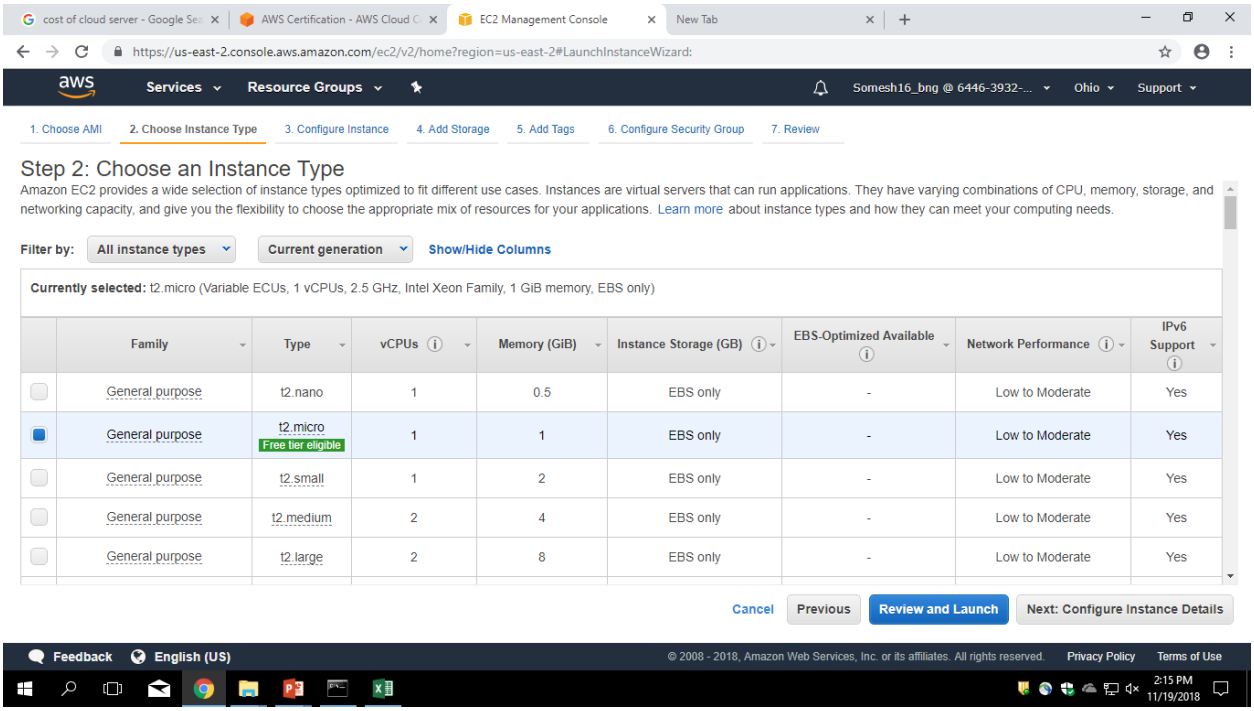








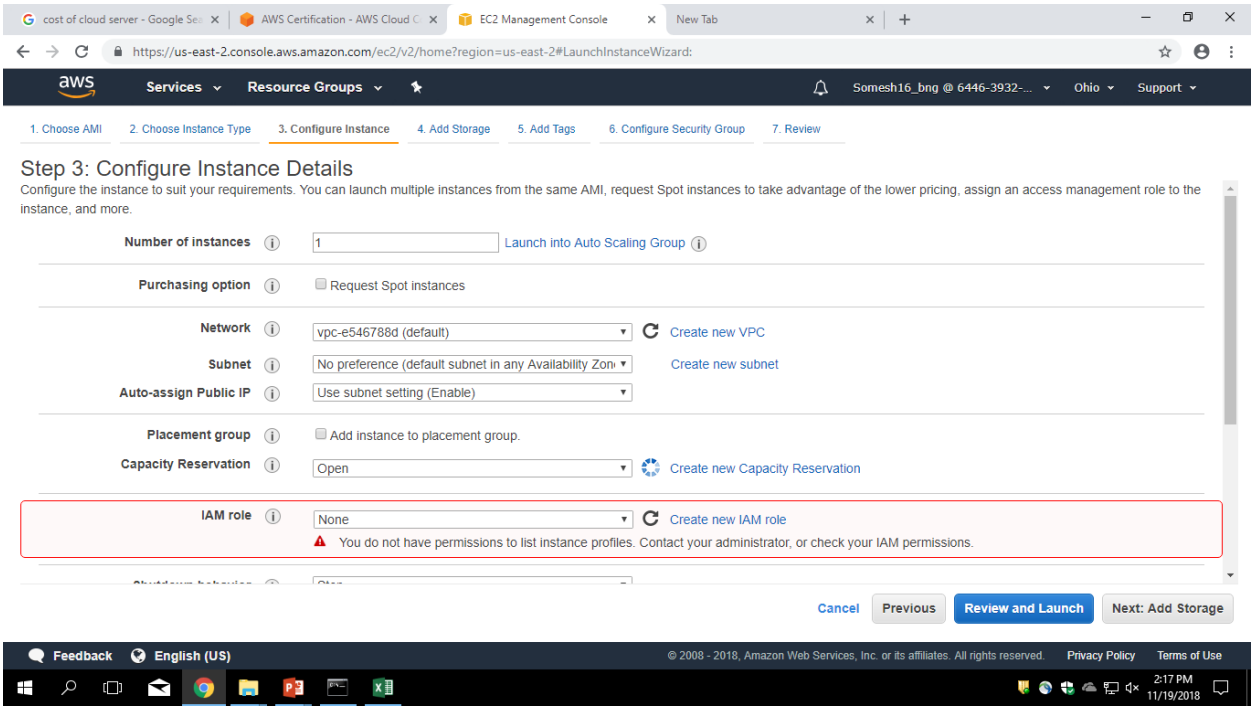
->Select Amazon linux ami



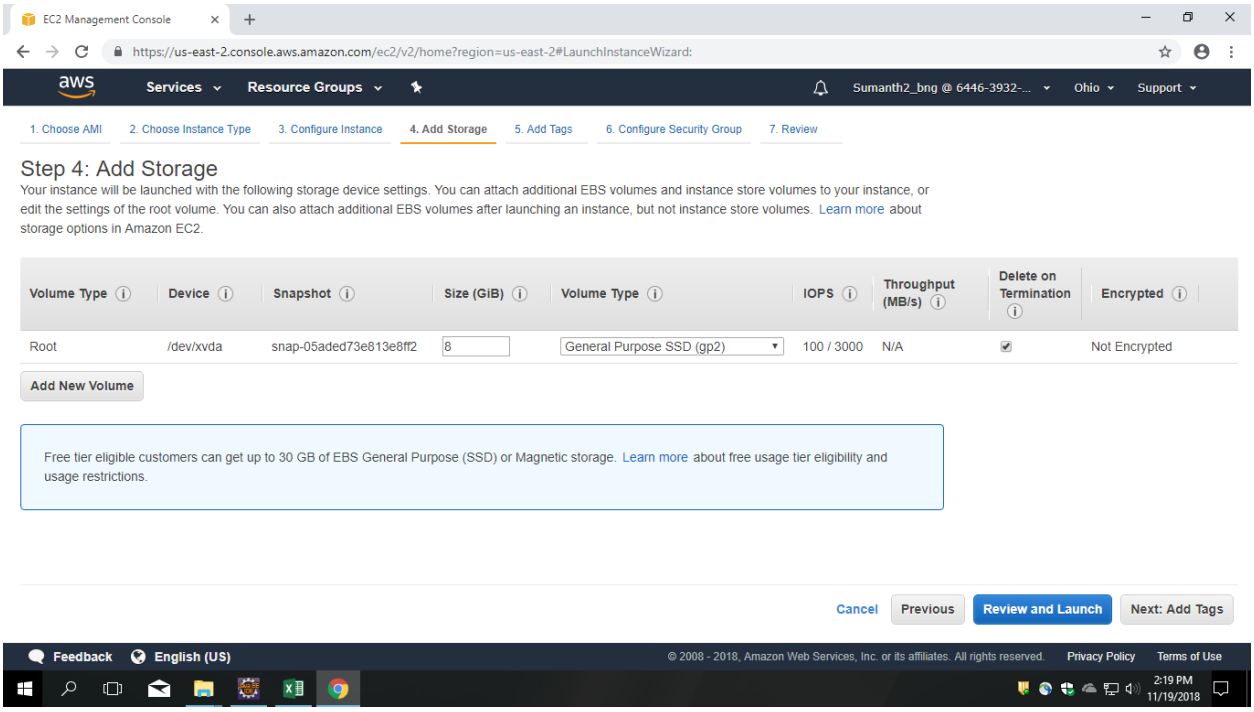
->choose free tiers only

->next: configure instance details

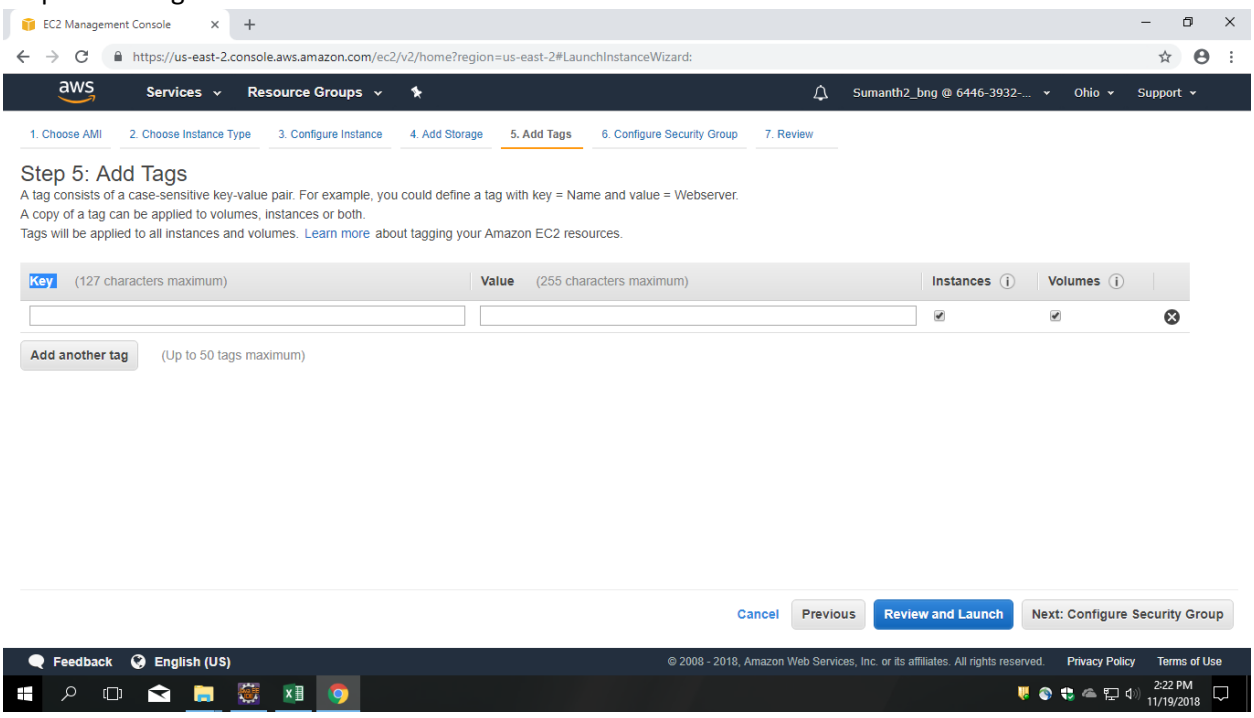
->



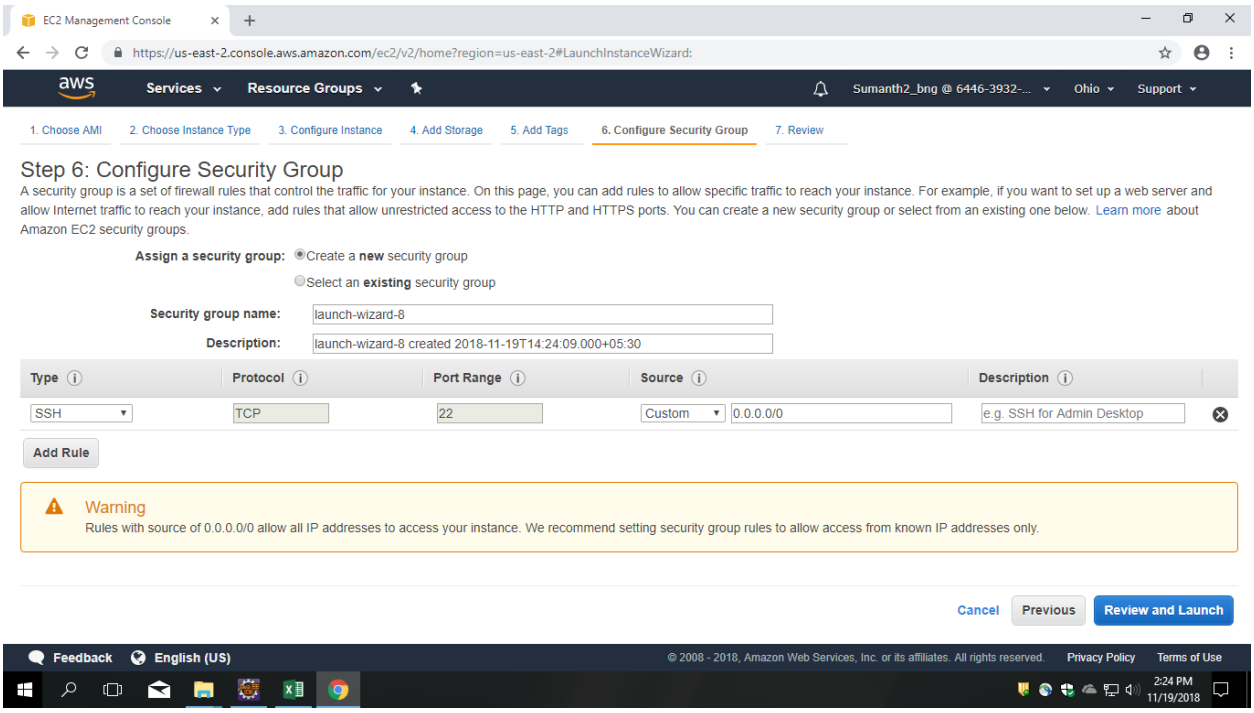
Step 4 : Add Storage (default)



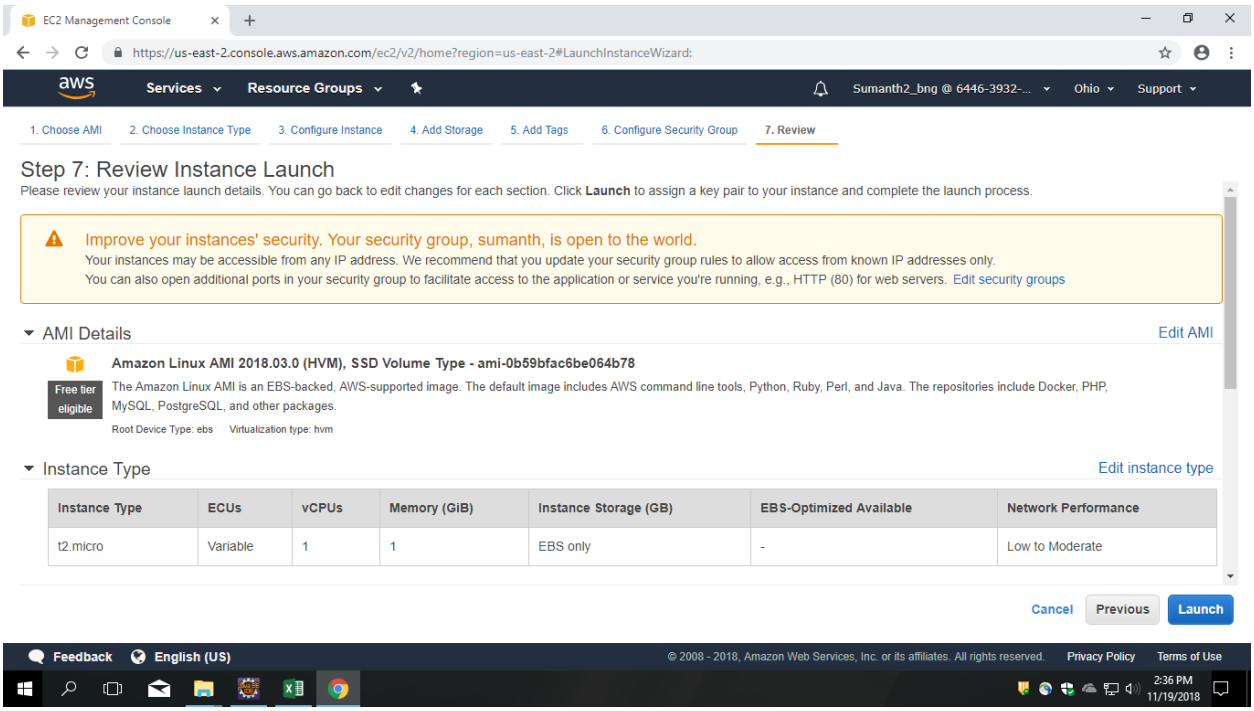
Step 5: Add tags

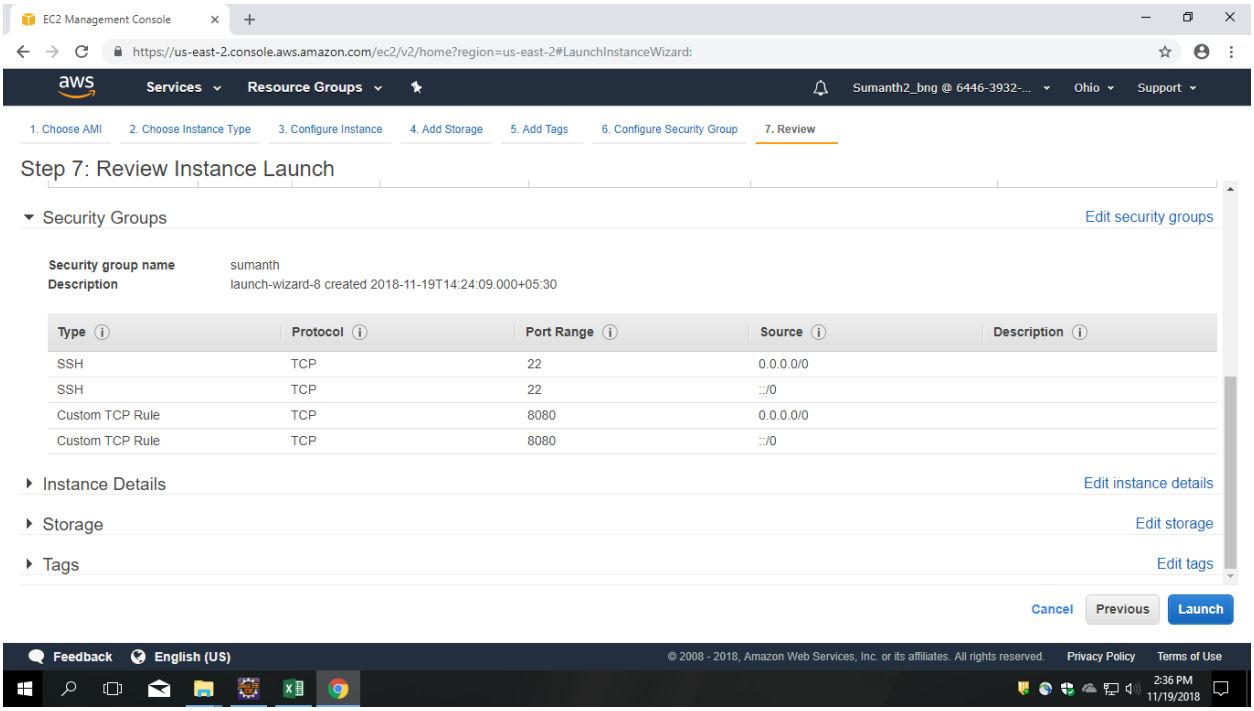


Step 6: Configure security group

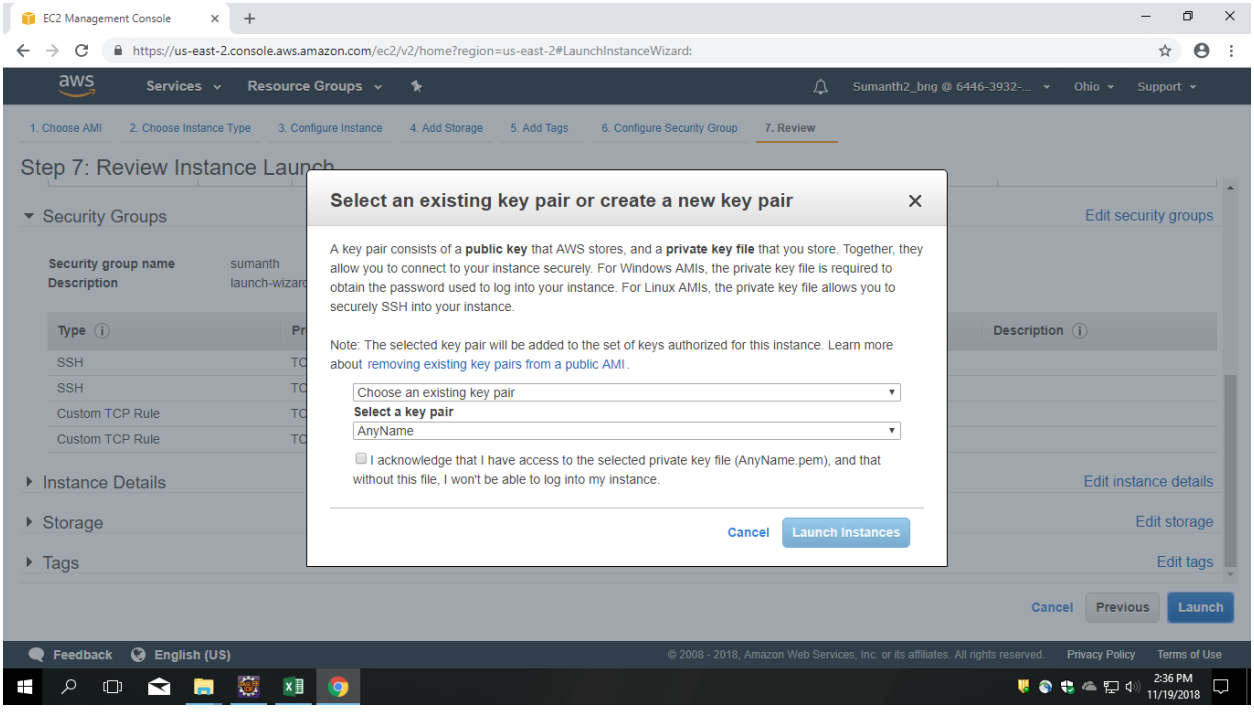


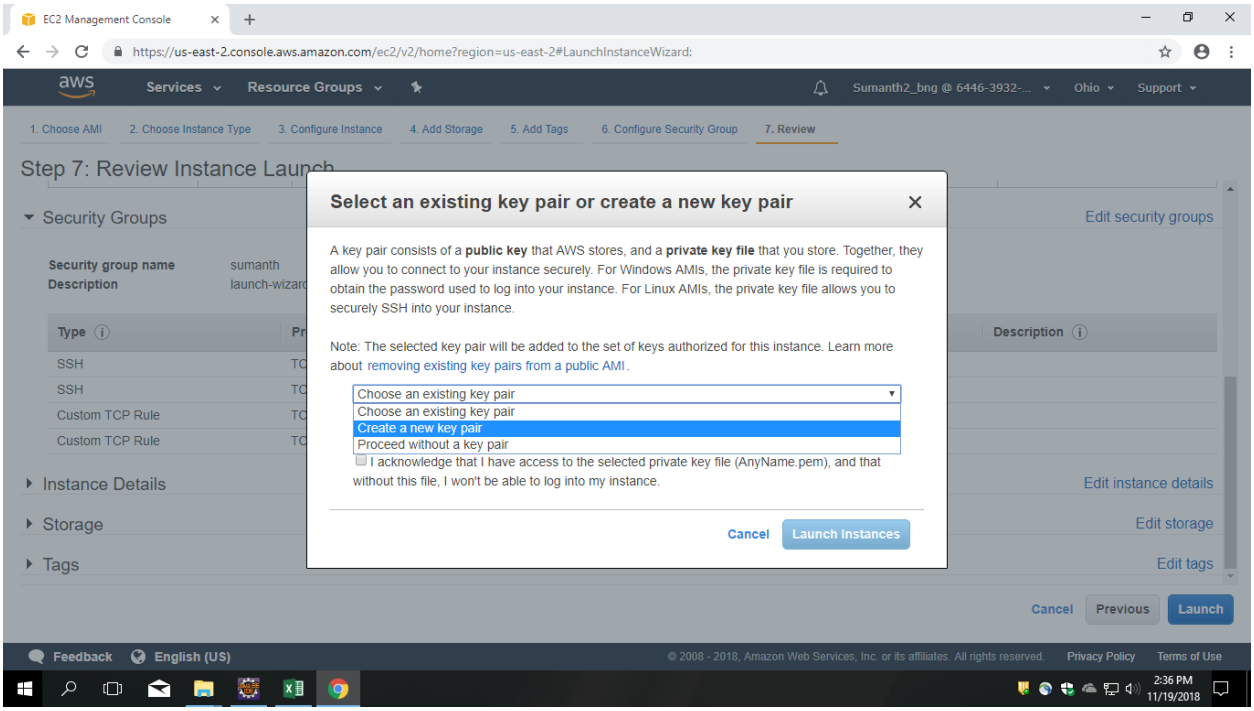
Step 7: Click on launch

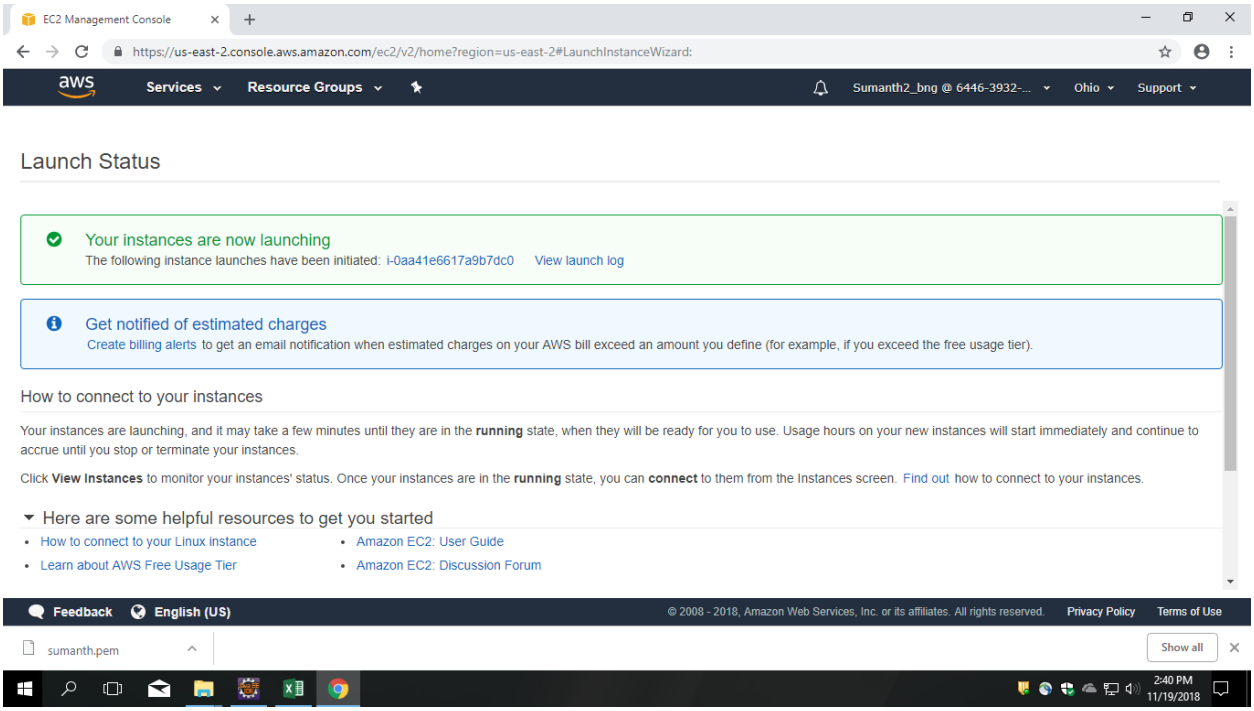




Step 8: Create a new key pair and click on launch instance




EC2 Management Console
https://us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#LaunchInstanceWizard:
Services
Resource Groups
Ohio
Support
1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 7: Review Instance Launch
Security Groups
Edit security groups
Security group name
Description
Type
Description
Instance Details
Edit instance details
Storage
Edit storage
Tags
Edit tags
Cancel
Previous
Launch
Select an existing key pair or create a new key pair
A key pair consists of a public key that AWS stores, and a private key file that you store. Together, they allow you to connect to your instance securely. For Windows AMIs, the private key file is required to obtain the password used to log into your instance. For Linux AMIs, the private key file allows you to securely SSH into your instance.
Note: The selected key pair will be added to the set of keys authorized for this instance. Learn more about removing existing key pairs from a public AMI.
Choose an existing key pair
Choose an existing key pair
Create a new key pair
Proceed without a key pair
I acknowledge that I have access to the selected private key file (AnyName.pem), and that without this file, I won't be able to log into my instance.
Cancel
Launch Instances
Feedback
English (US)
© 2008 - 2018, Amazon Web Services, Inc. or its affiliates. All rights reserved.
Privacy Policy
Terms of Use
2:36 PM
11/19/2018


EC2 Management Console
https://us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#LaunchInstanceWizard:
Services
Resource Groups
Ohio
Support
Launch Status
Your instances are now launching
The following instance launches have been initiated: i-0aa41e6617a9b7dc0
View launch log
Get notified of estimated charges
Create billing alerts to get an email notification when estimated charges on your AWS bill exceed an amount you define (for example, if you exceed the free usage tier).
How to connect to your instances
Your instances are launching, and it may take a few minutes until they are in the running state, when they will be ready for you to use. Usage hours on your new instances will start immediately and continue to accrue until you stop or terminate your instances.
Click View Instances to monitor your instances' status. Once your instances are in the running state, you can connect to them from the Instances screen. Find out how to connect to your instances.
Here are some helpful resources to get you started
How to connect to your Linux instance
Learn about AWS Free Usage Tier
Amazon EC2: User Guide
Amazon EC2: Discussion Forum
Feedback
English (US)
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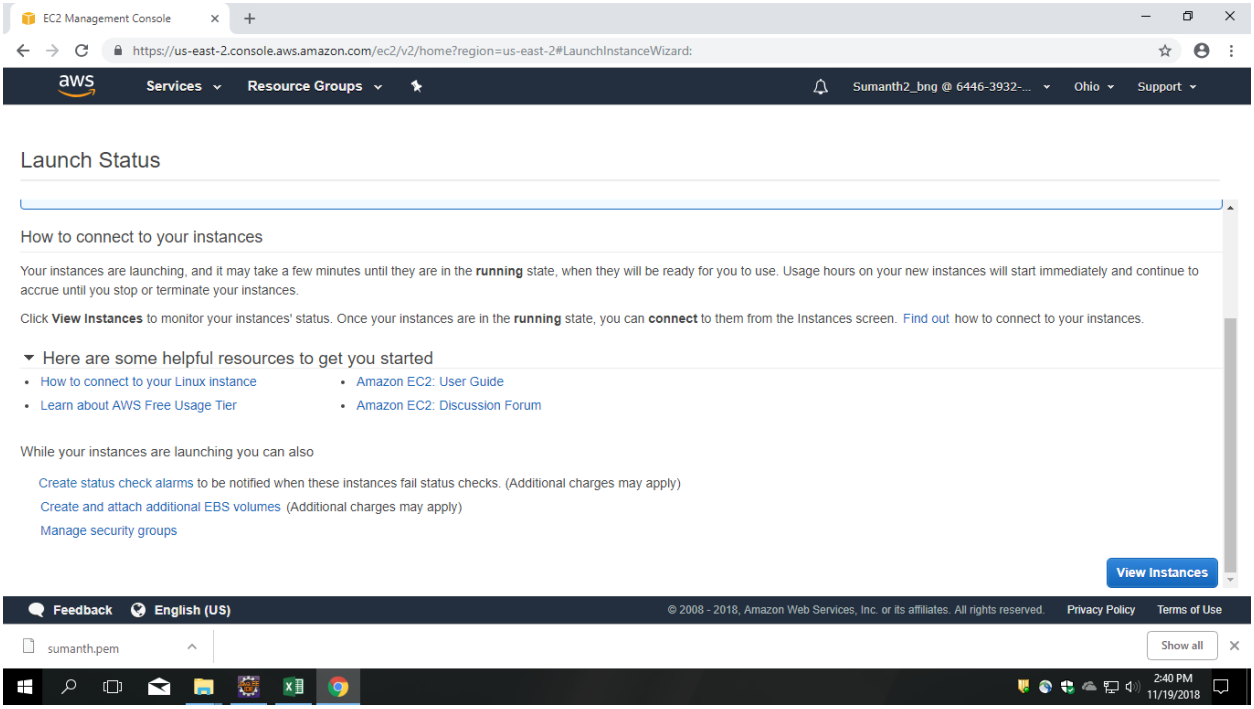
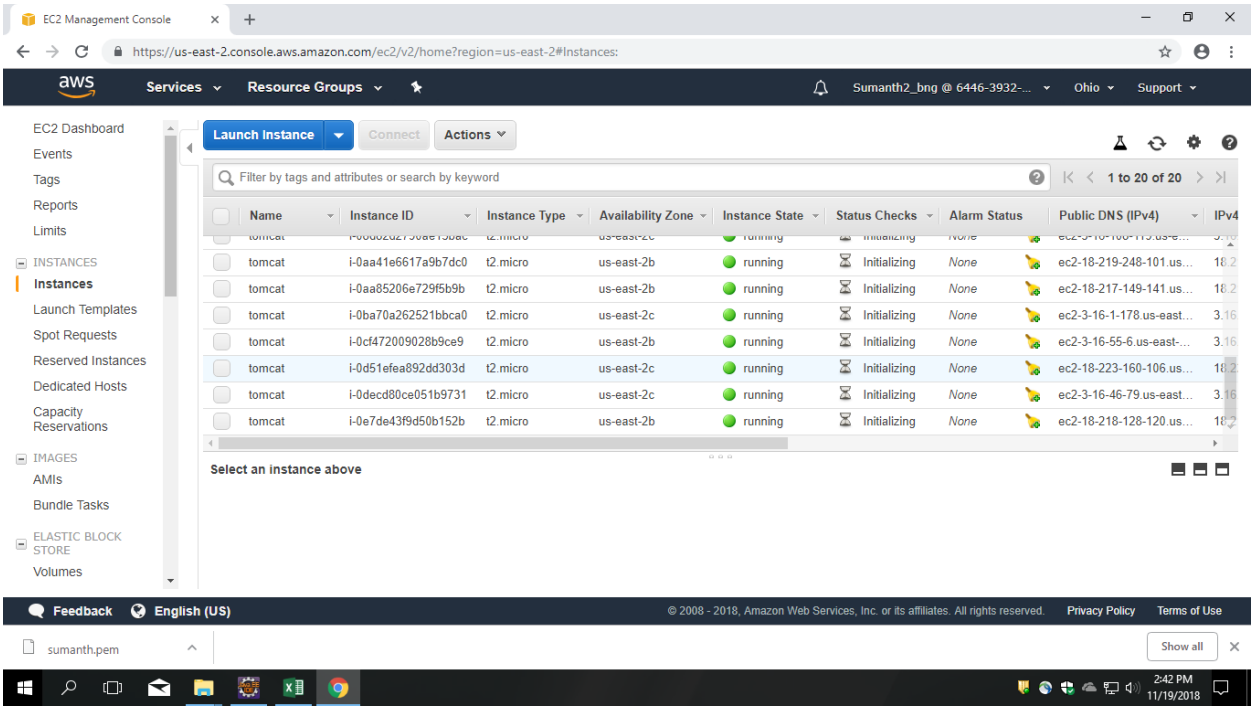
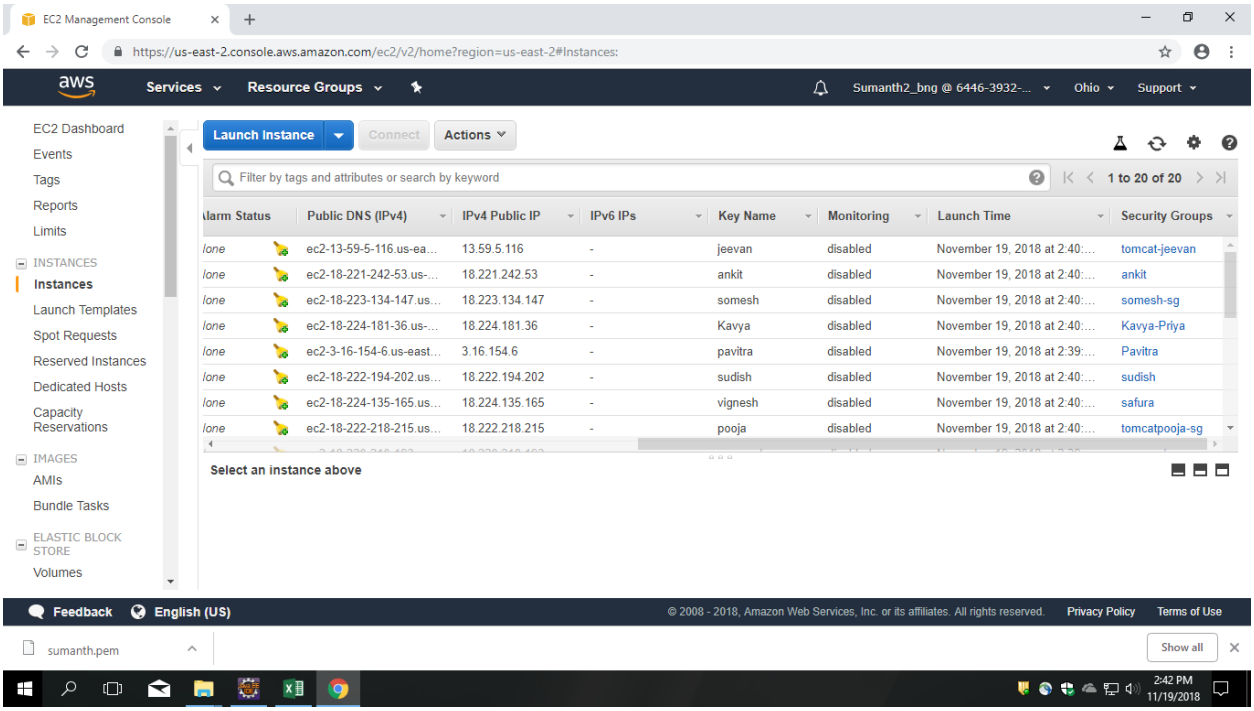
Privacy Policy
Terms of Use
sumanth.pem
Show all
2:40 PM
11/19/2018

Step 9: Click on view instances



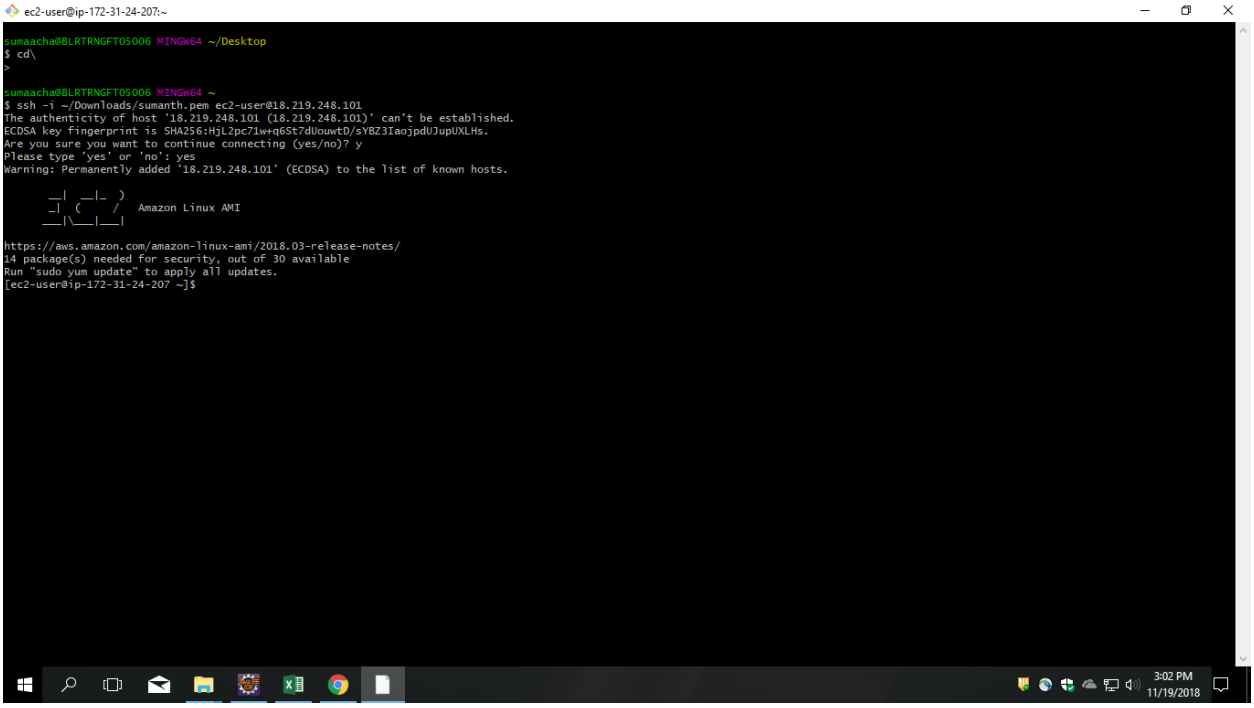


Step 10: Click on launch instance

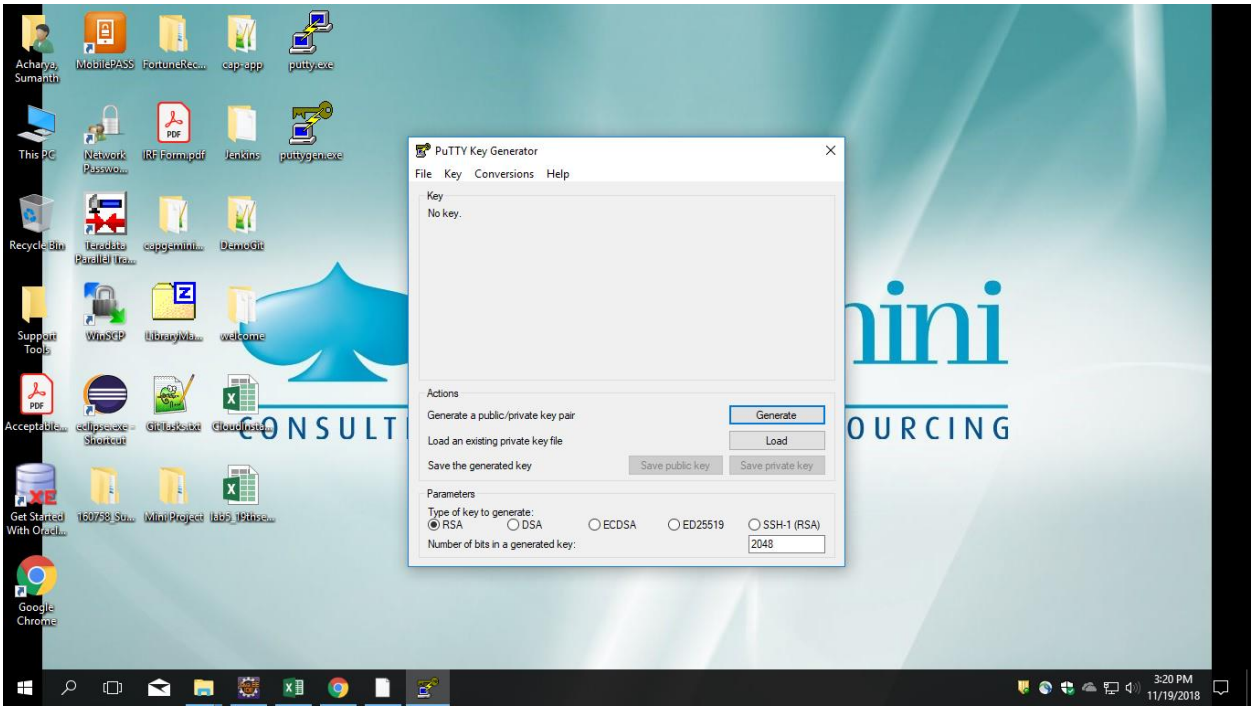


Step 11: open git bash in desktop.

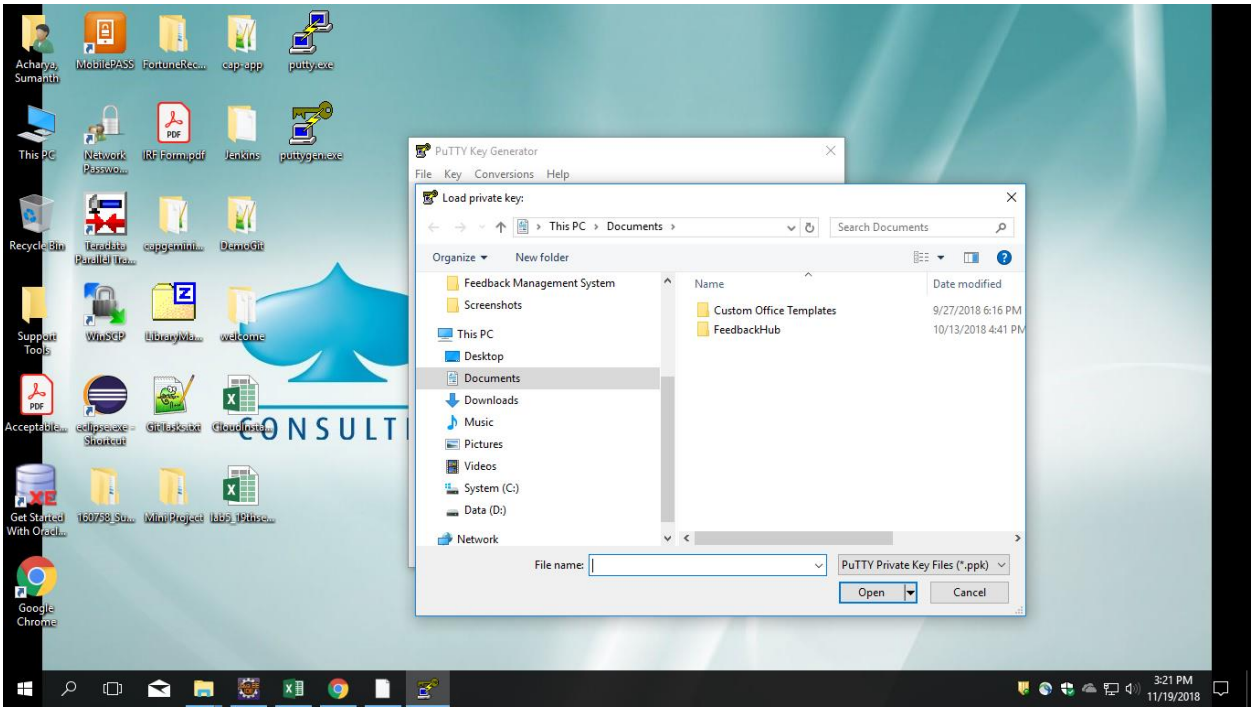
Type following command. This command is used for connecting to EC2/linux servers.

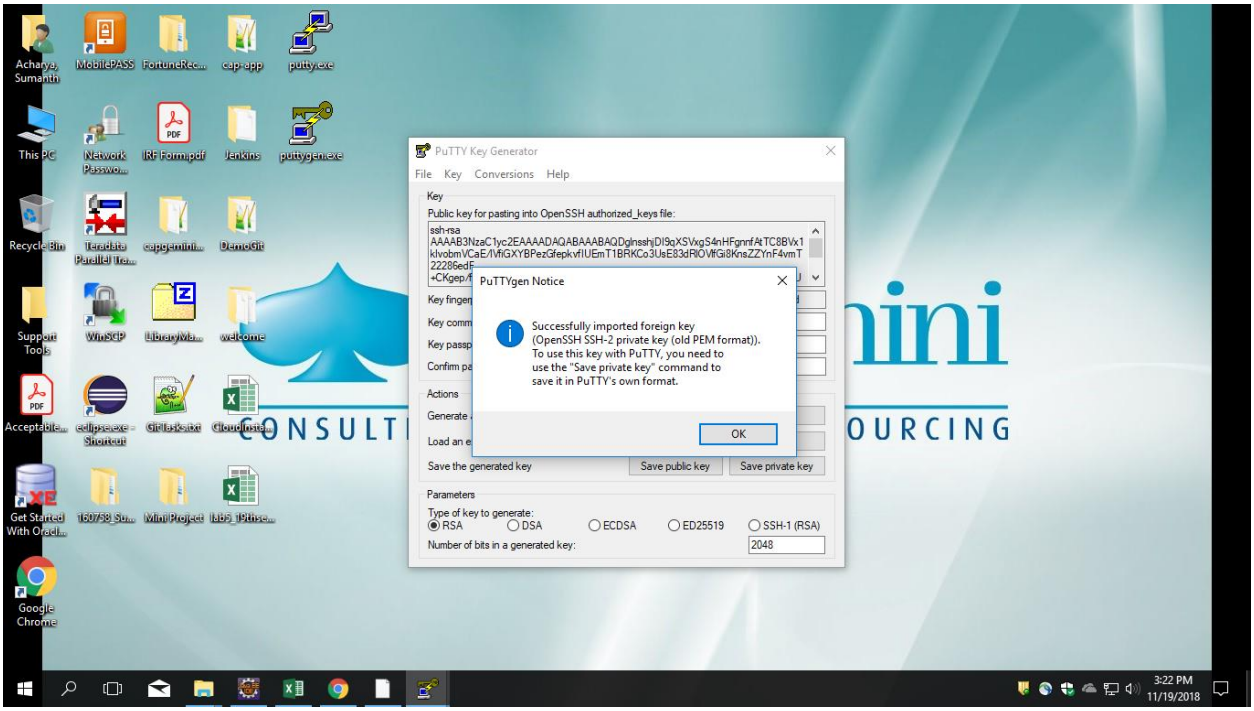


Step 12: Open puttygen.exe

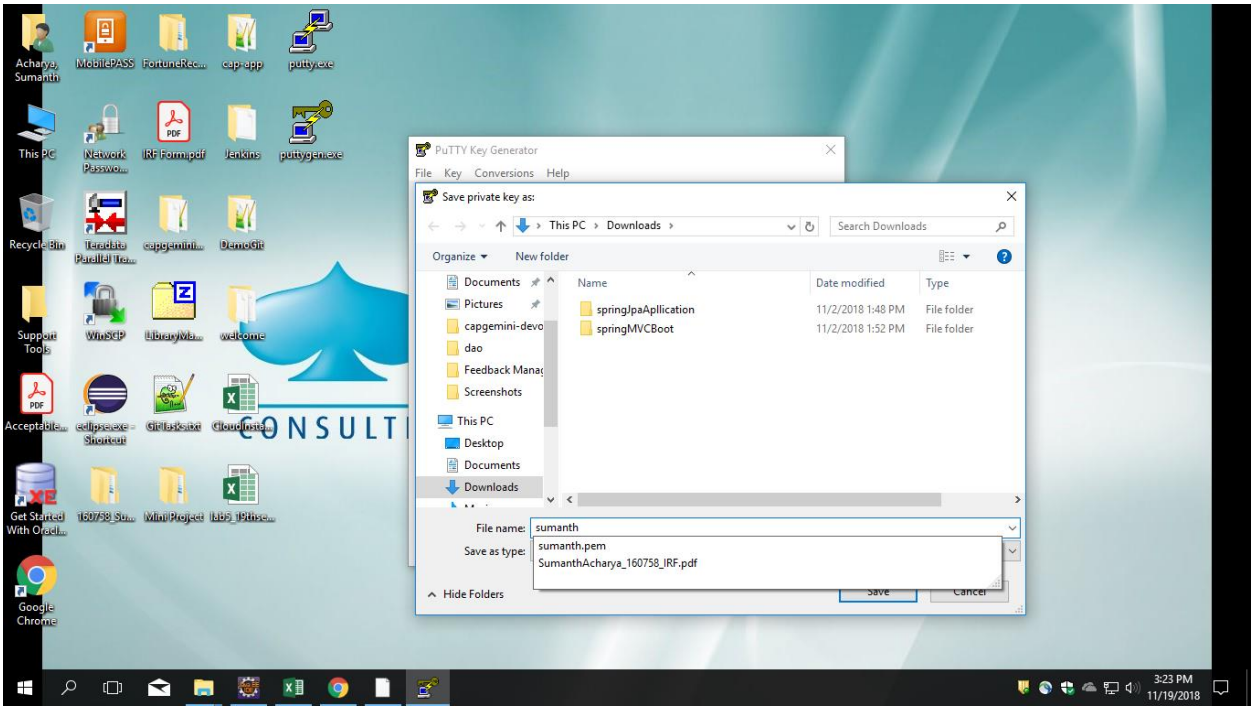


Step 13: Click on Load, and select any file for type of file.

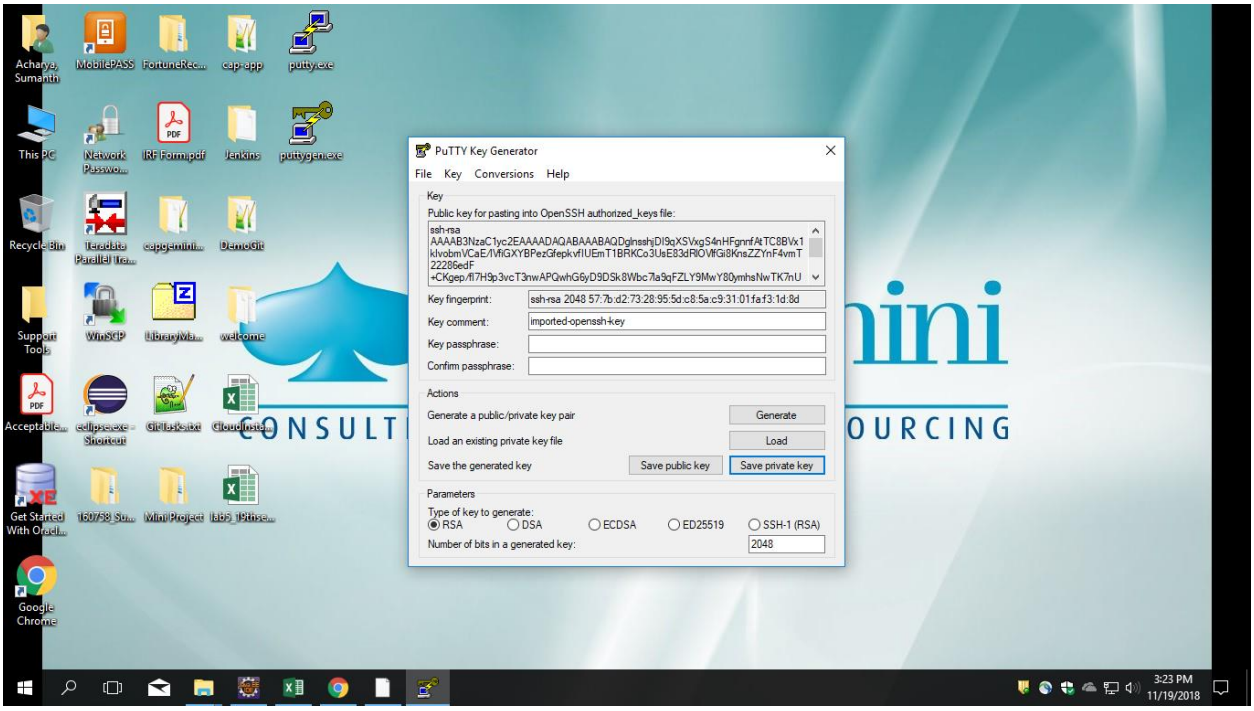


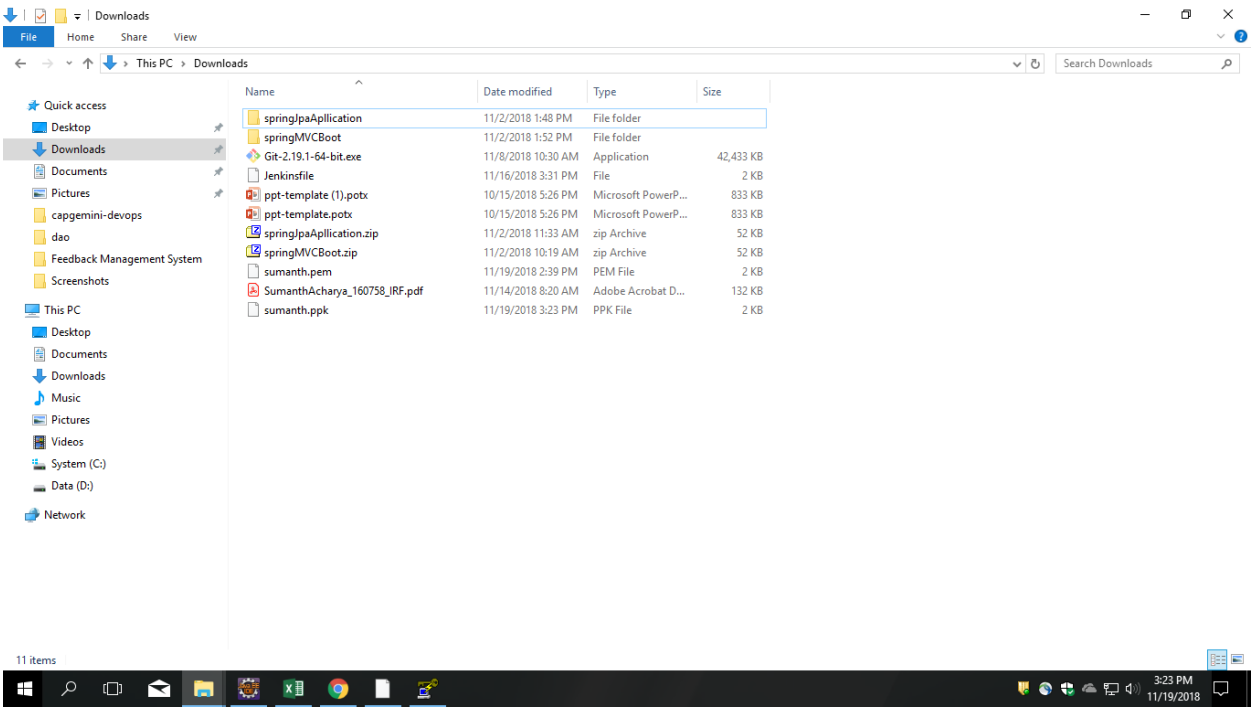


Step 13: Open Putty.exe
Select the pem file which you have created using puttygen.exe.



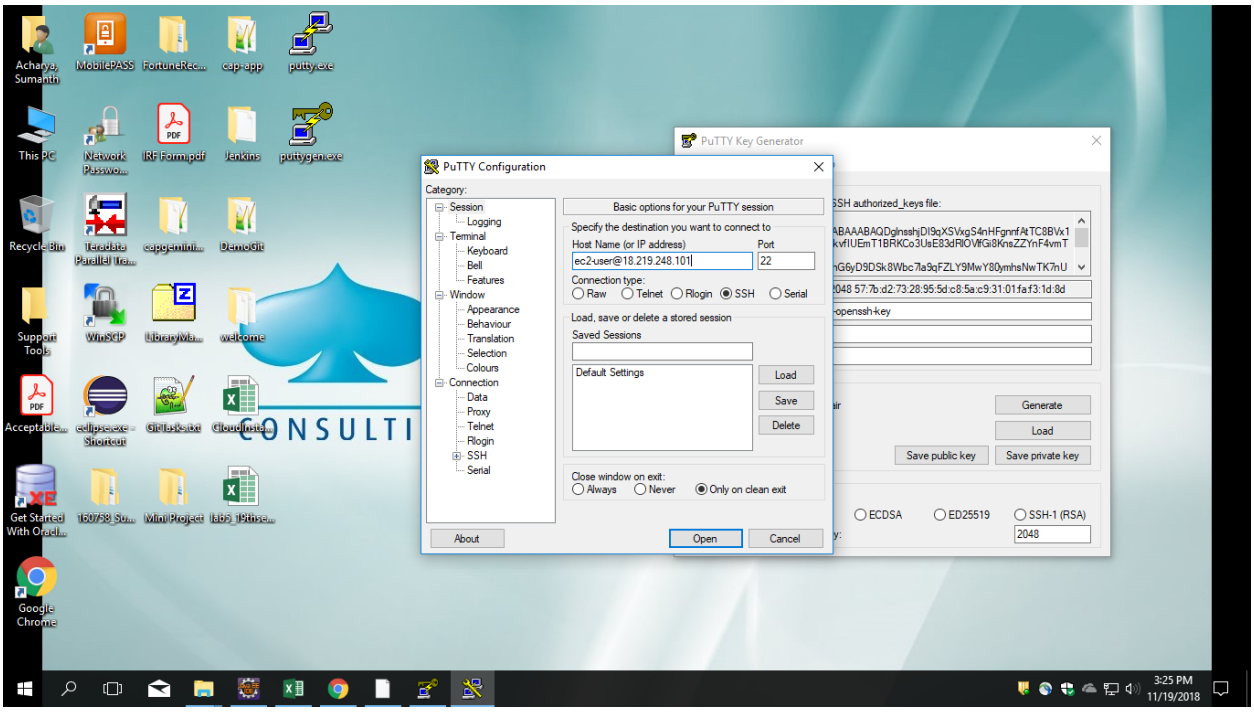
Then save private key.

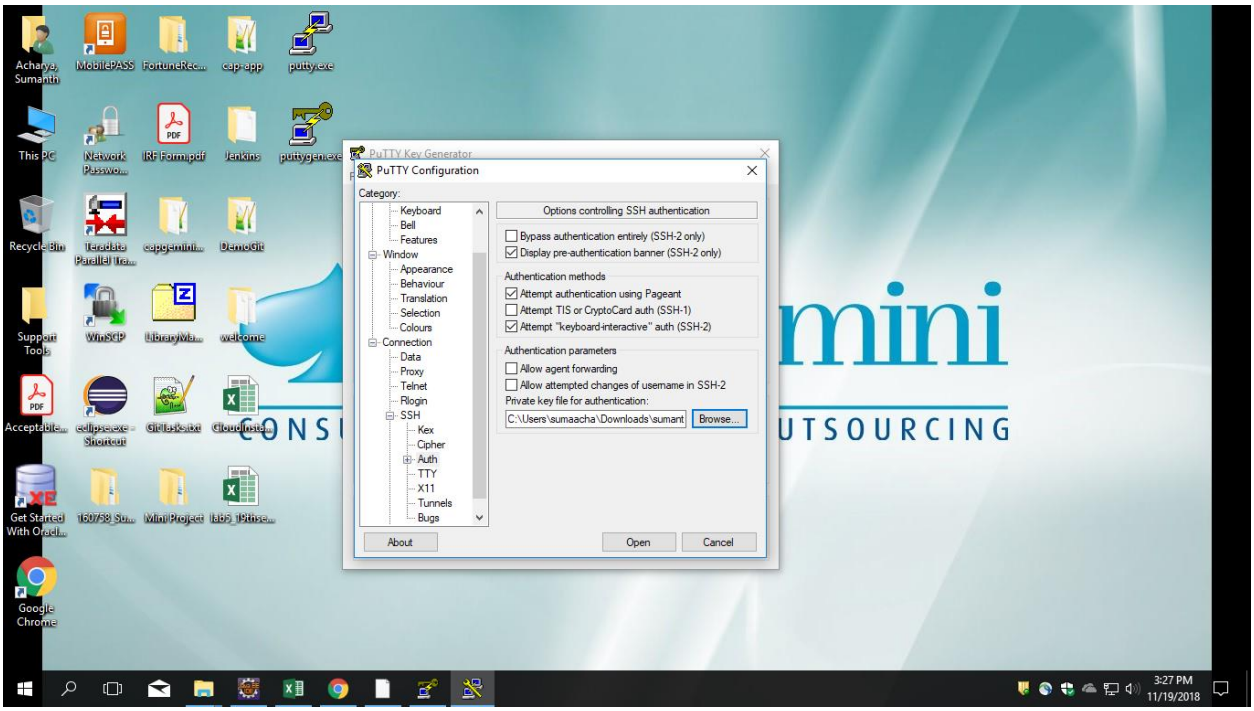




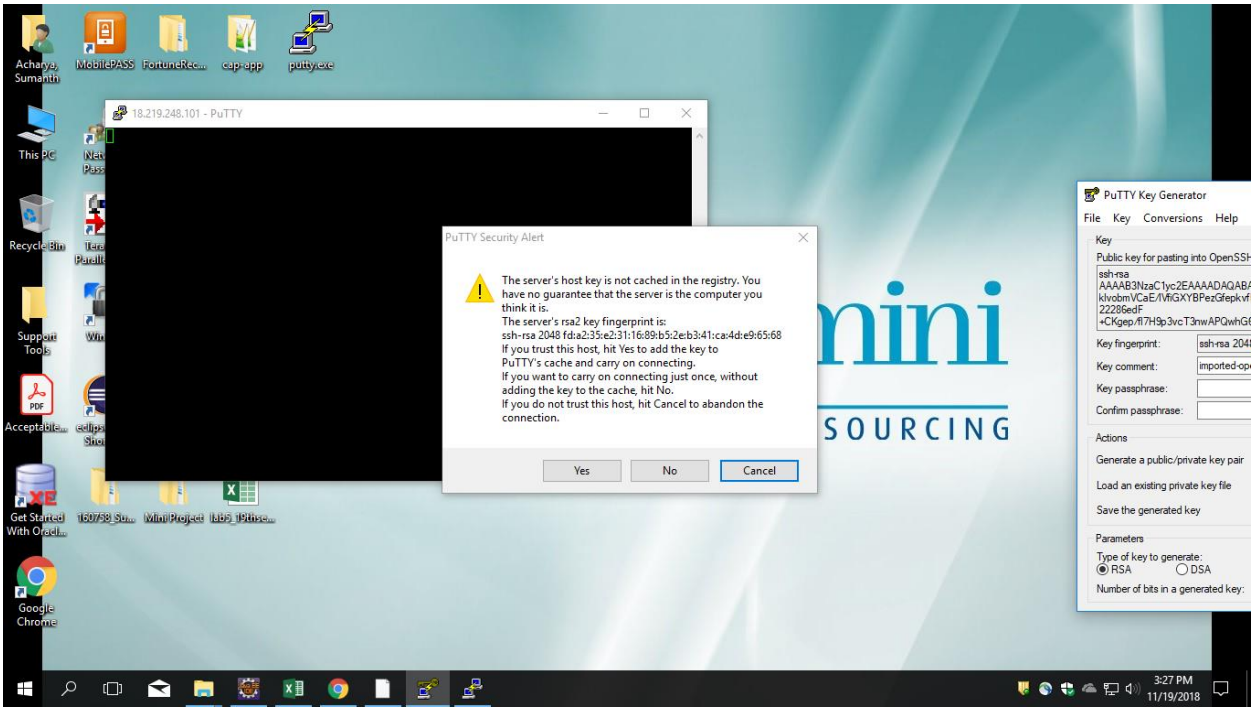
Step 14: Select .ppk file.
Add host name (ec2-user@(Public ip of your instance id))
Expand SSH
Then select AUTH

Then browse .ppk file location and click open.

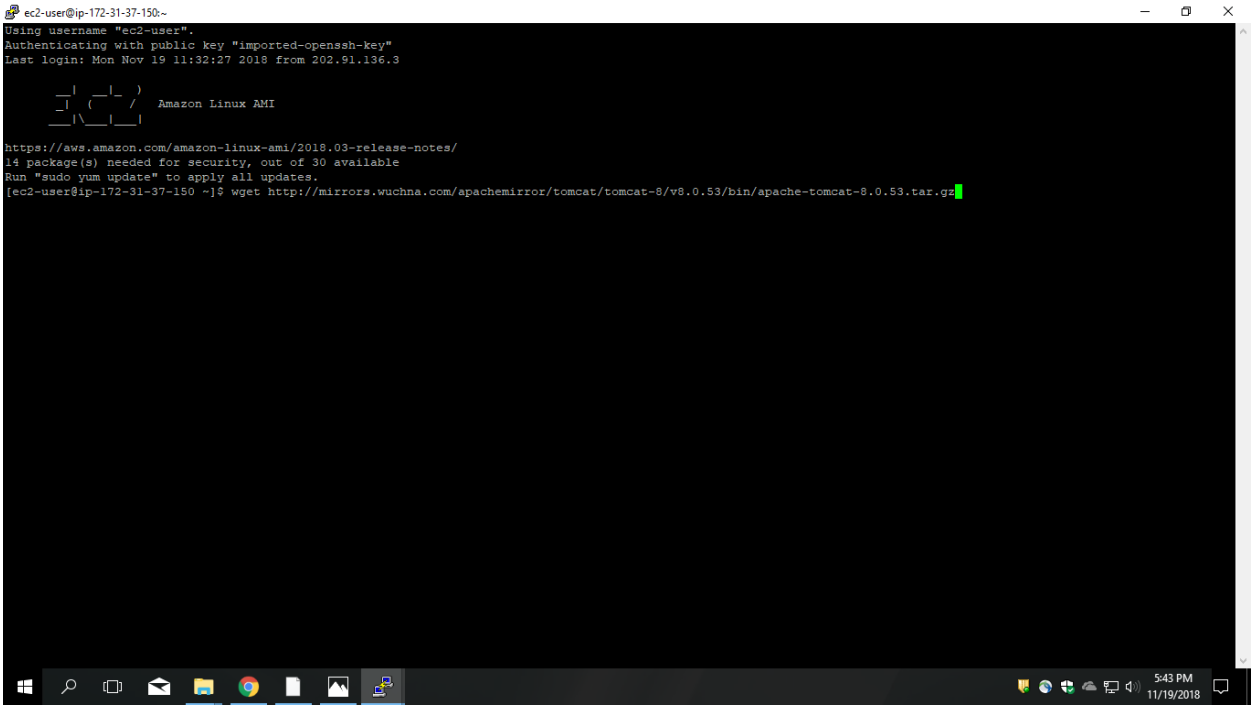


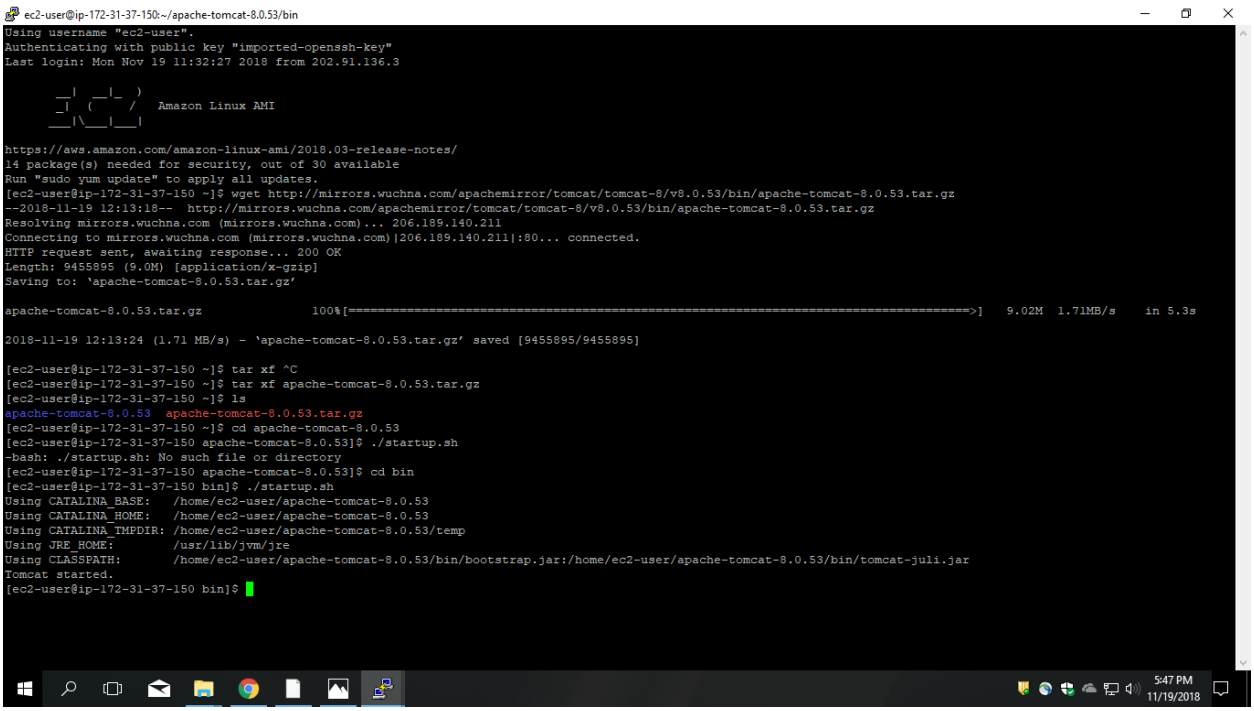


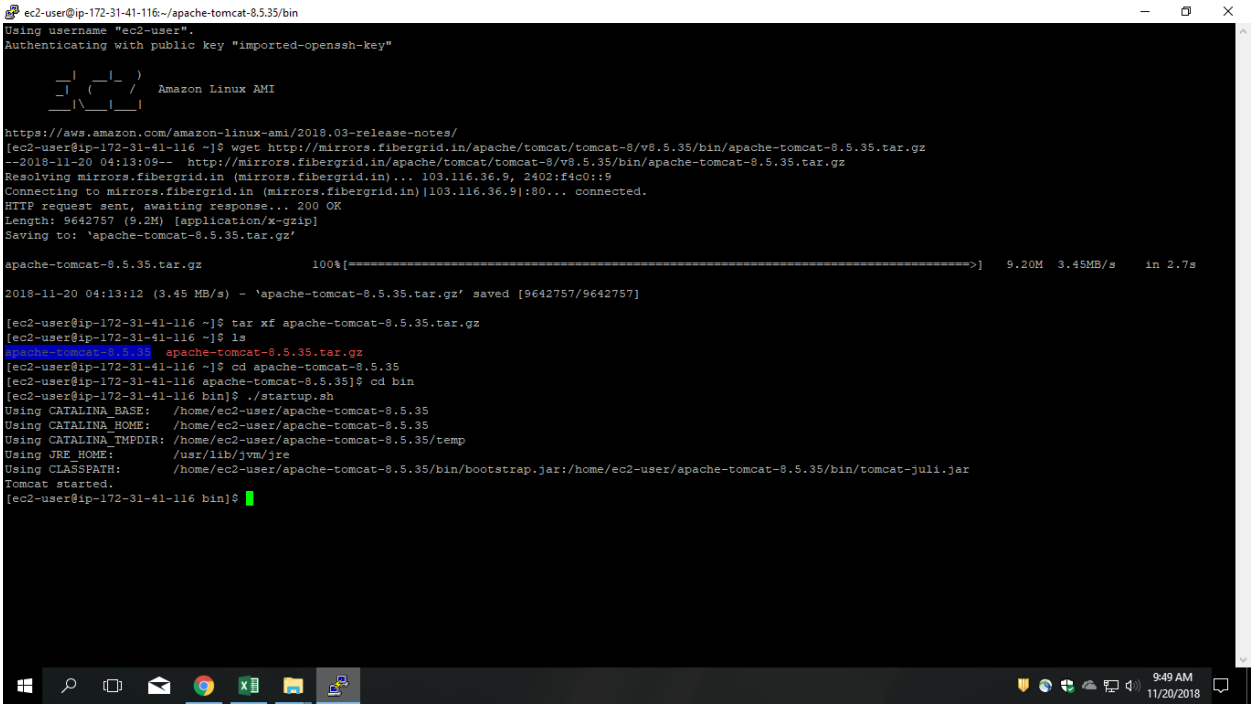
Step 15: Click yes.



Step 16: Follow the following commands.

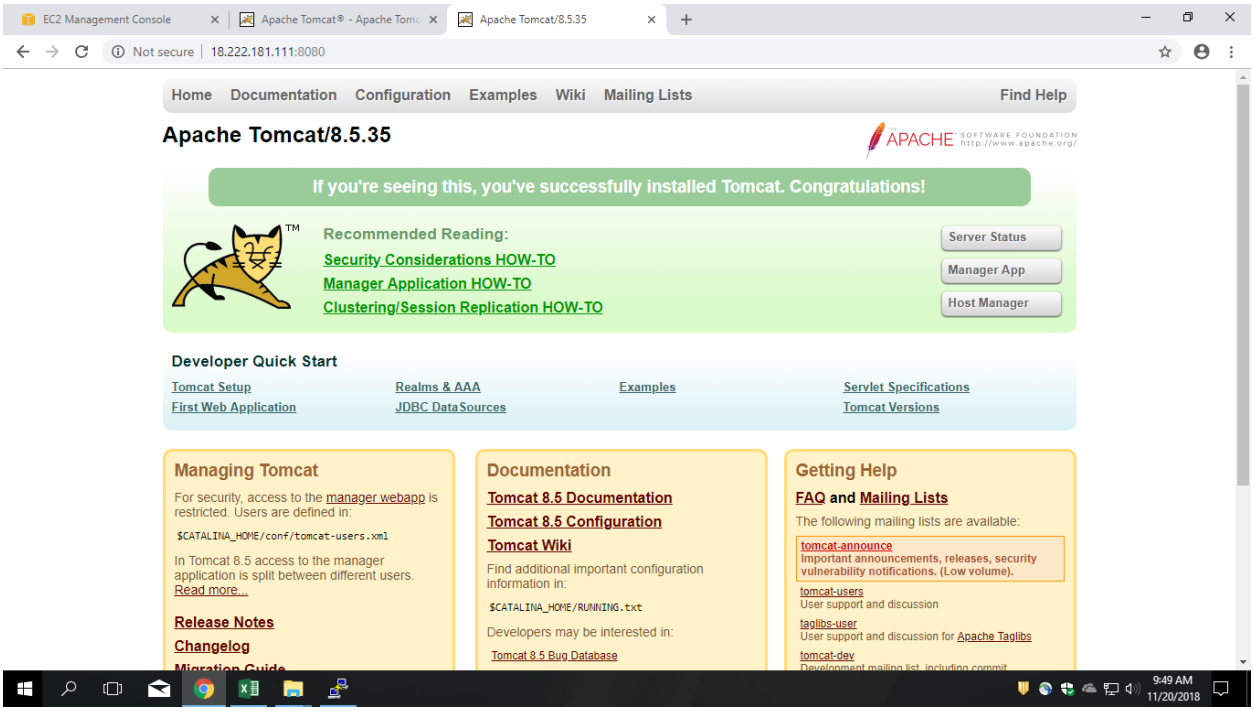






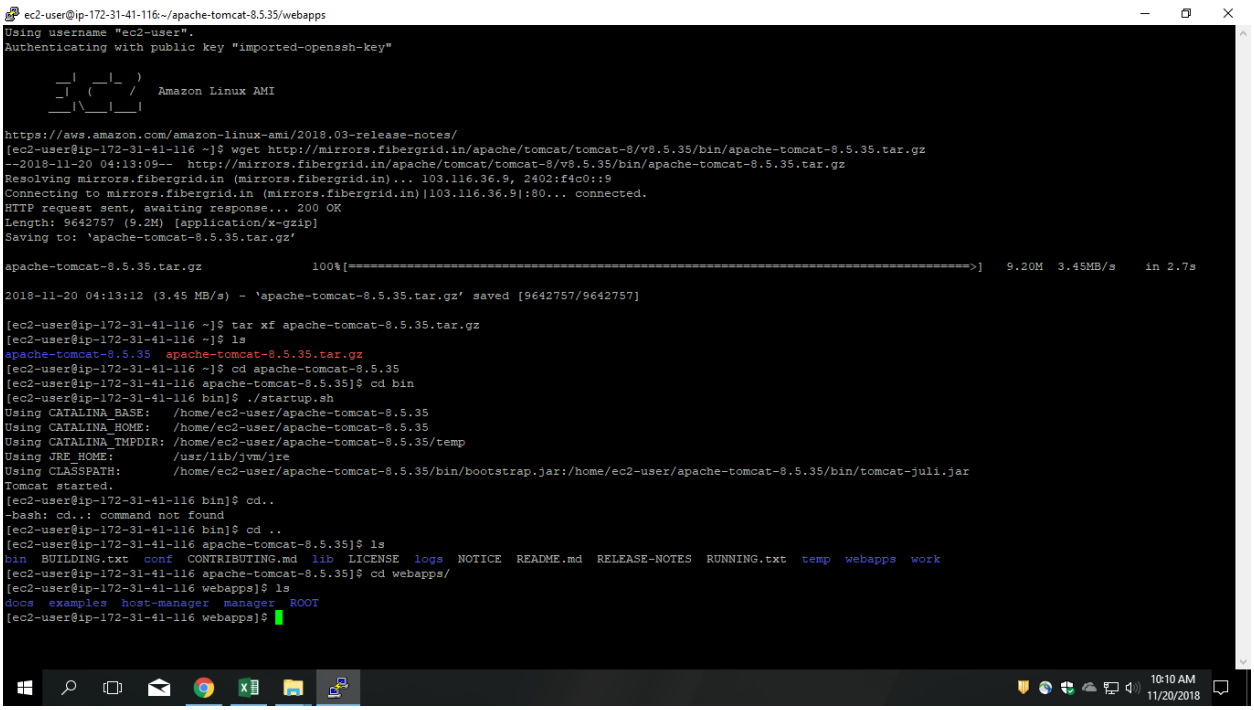
Step 17: Open the browser and type public id of your instance and type :8080

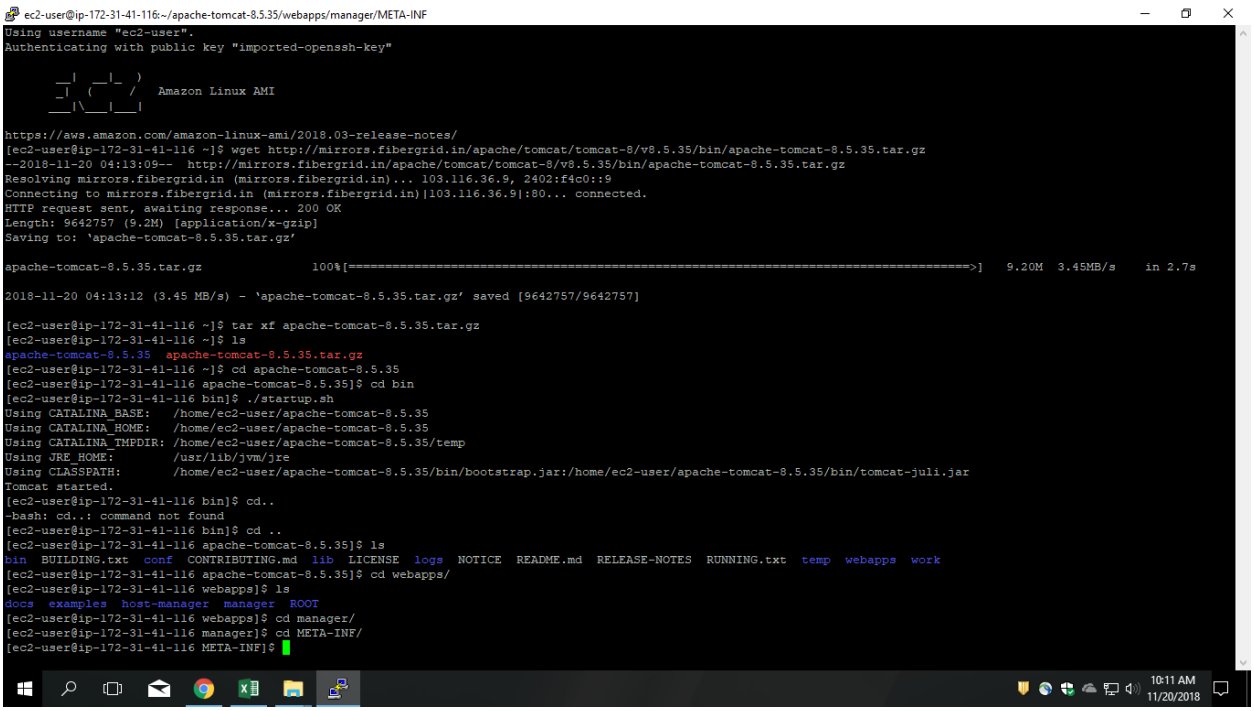
Ex: 18.222.181.111:8080

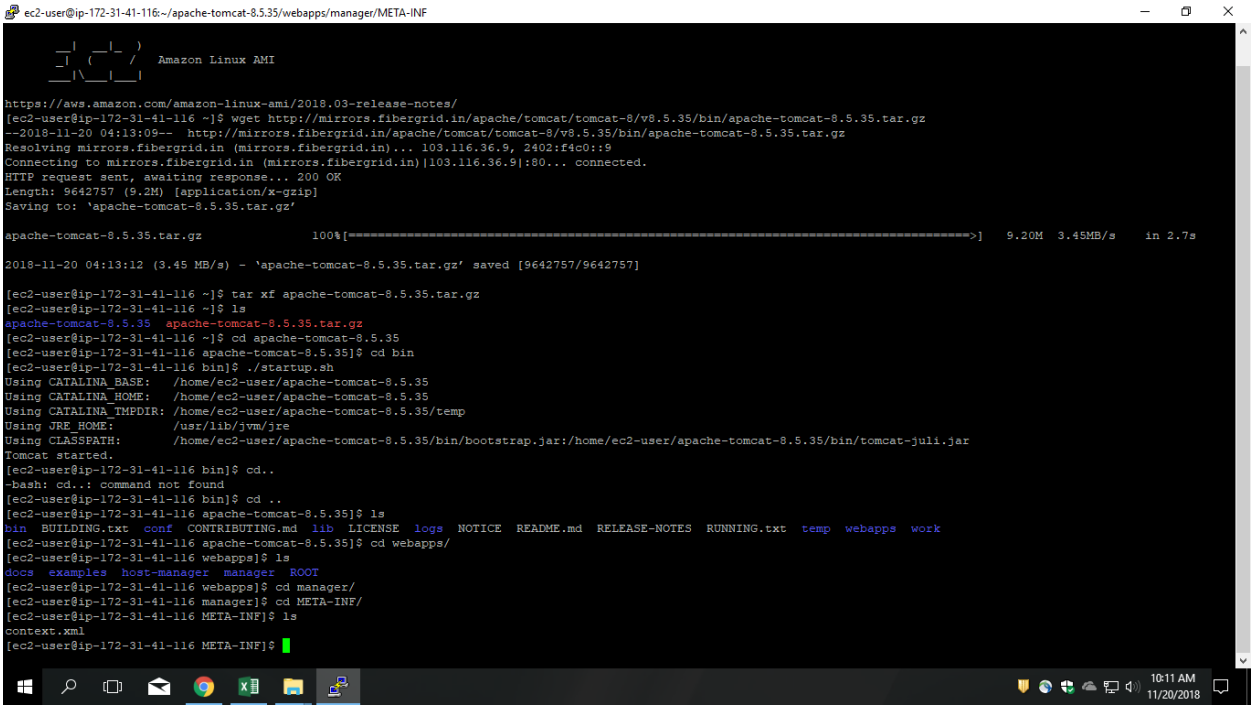


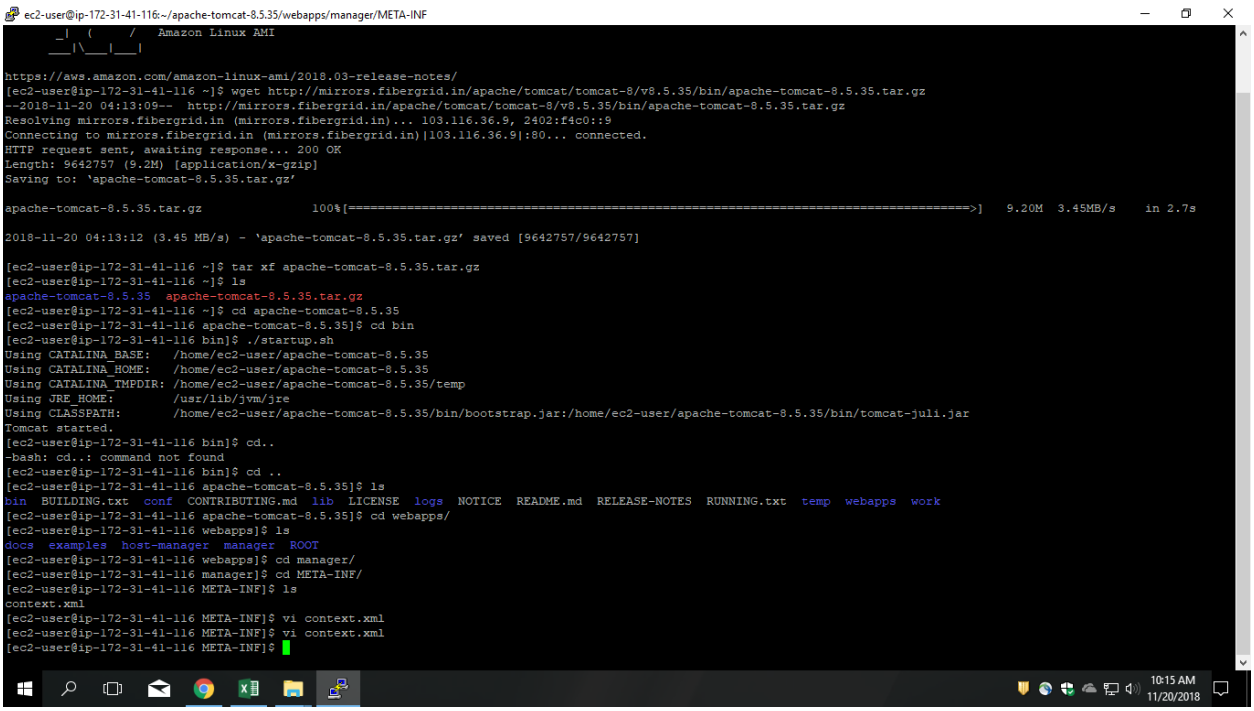
Step 17: Tomcat server is starting.

Then follow the following commands as shown in screen shots.

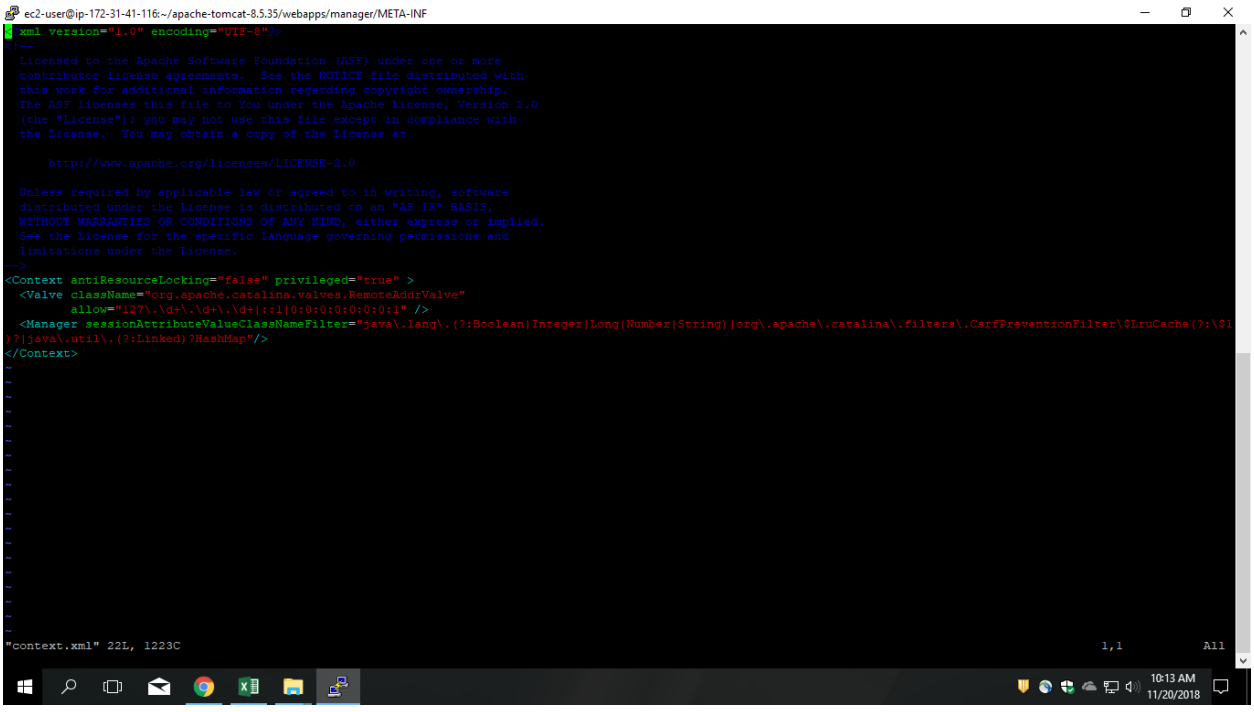


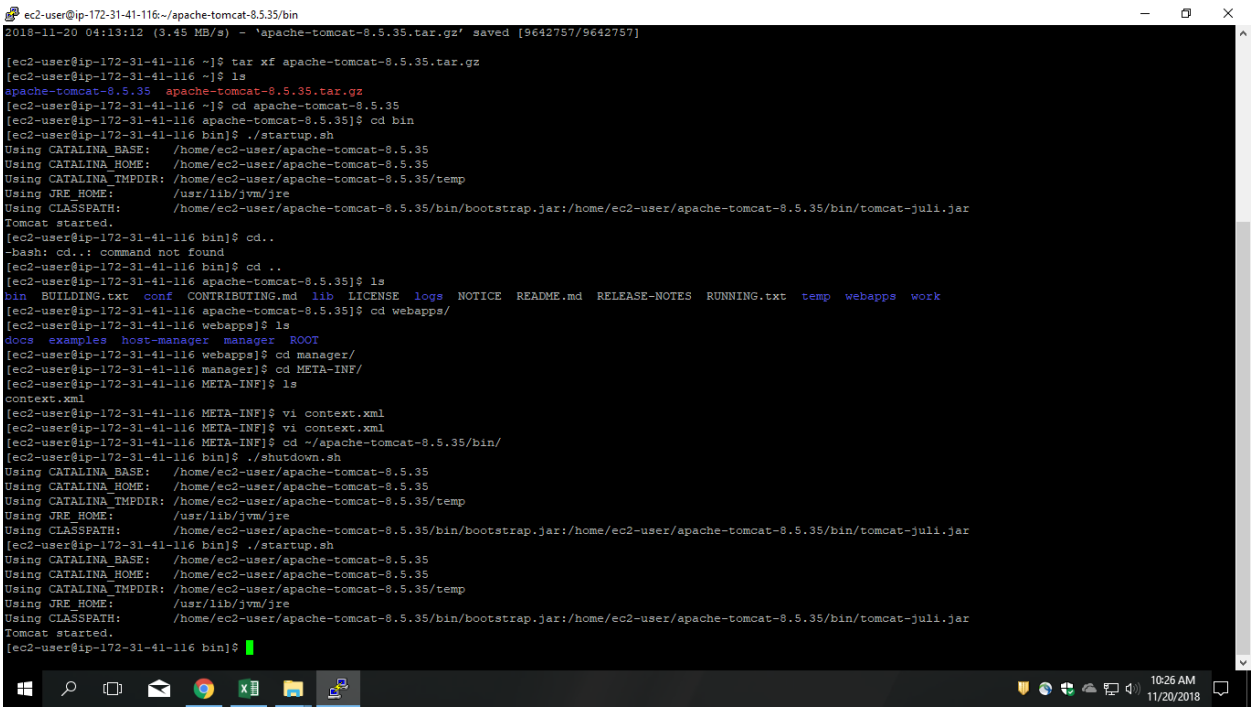

ec2-user@ip-172-31-41-116:~/apache-tomcat-8.5.35/webapps/manager/META-INF
Using username "ec2-user".
Authenticating with public key "imported-openssh-key"
__| __|_)
_| (/ Amazon Linux AMI
___|___|___|
https://aws.amazon.com/amazon-linux-ami/2018.03-release-notes/
[ec2-user@ip-172-31-41-116 ~]$ wget http://mirrors.fibergrid.in/apache/tomcat/tomcat-8/v8.5.35/bin/apache-tomcat-8.5.35.tar.gz
--2018-11-20 04:13:09-- http://mirrors.fibergrid.in/apache/tomcat/tomcat-8/v8.5.35/bin/apache-tomcat-8.5.35.tar.gz
Resolving mirrors.fibergrid.in (mirrors.fibergrid.in)... 103.116.36.9, 2402:f4c0::9
Connecting to mirrors.fibergrid.in (mirrors.fibergrid.in)|103.116.36.9|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 9642757 (9.2M) [application/x-gzip]
Saving to: 'apache-tomcat-8.5.35.tar.gz'
apache-tomcat-8.5.35.tar.gz 100%[=>] 9.20M 3.45MB/s in 2.7s
2018-11-20 04:13:12 (3.45 MB/s) - 'apache-tomcat-8.5.35.tar.gz' saved [9642757/9642757]
[ec2-user@ip-172-31-41-116 ~]$ tar xf apache-tomcat-8.5.35.tar.gz
[ec2-user@ip-172-31-41-116 ~]$ ls
apache-tomcat-8.5.35 apache-tomcat-8.5.35.tar.gz
[ec2-user@ip-172-31-41-116 ~]$ cd apache-tomcat-8.5.35
[ec2-user@ip-172-31-41-116 apache-tomcat-8.5.35]$ cd bin
[ec2-user@ip-172-31-41-116 bin]$ ./startup.sh
Using CATALINA_BASE: /home/ec2-user/apache-tomcat-8.5.35
Using CATALINA_HOME: /home/ec2-user/apache-tomcat-8.5.35
Using CATALINA_TMPDIR: /home/ec2-user/apache-tomcat-8.5.35/temp
Using JRE_HOME: /usr/lib/jvm/jre
Using CLASSPATH: /home/ec2-user/apache-tomcat-8.5.35/bin/bootstrap.jar:/home/ec2-user/apache-tomcat-8.5.35/bin/tomcat-juli.jar
Tomcat started.
[ec2-user@ip-172-31-41-116 bin]$ cd..
-bash: cd..: command not found
[ec2-user@ip-172-31-41-116 bin]$ cd ..
[ec2-user@ip-172-31-41-116 apache-tomcat-8.5.35]$ ls
bin BUILDING.txt conf CONTRIBUTING.md lib LICENSE logs NOTICE README.md RELEASE-NOTES RUNNING.txt temp webapps work
[ec2-user@ip-172-31-41-116 apache-tomcat-8.5.35]$ cd webapps/
[ec2-user@ip-172-31-41-116 webapps]$ ls
docs examples host-manager manager ROOT
[ec2-user@ip-172-31-41-116 webapps]$ cd manager/
[ec2-user@ip-172-31-41-116 manager]$ cd META-INF/
[ec2-user@ip-172-31-41-116 META-INF]$
10:11 AM
11/20/2018

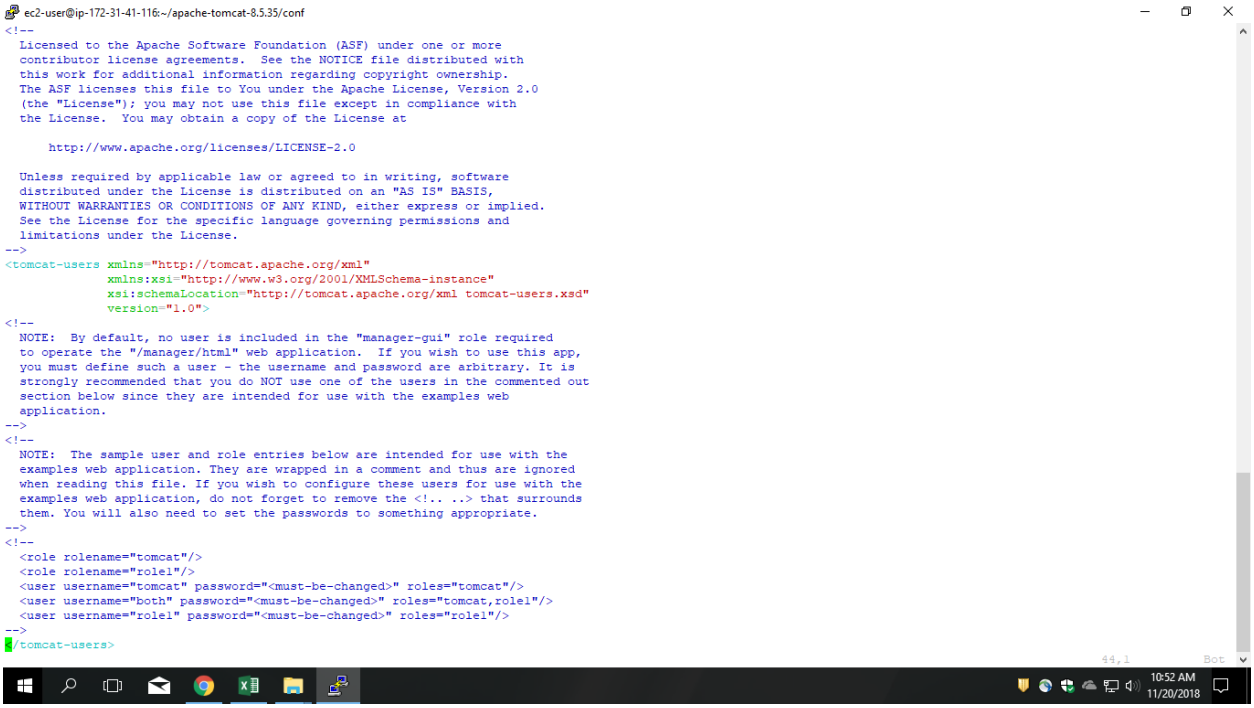

ec2-user@ip-172-31-41-116:~/apache-tomcat-8.5.35/webapps/manager/META-INF
__| __|_)
_| (/ Amazon Linux AMI
___|___|___|
https://aws.amazon.com/amazon-linux-ami/2018.03-release-notes/
[ec2-user@ip-172-31-41-116 ~]$ wget http://mirrors.fibergrid.in/apache/tomcat/tomcat-8/v8.5.35/bin/apache-tomcat-8.5.35.tar.gz
--2018-11-20 04:13:09-- http://mirrors.fibergrid.in/apache/tomcat/tomcat-8/v8.5.35/bin/apache-tomcat-8.5.35.tar.gz
Resolving mirrors.fibergrid.in (mirrors.fibergrid.in)... 103.116.36.9, 2402:f4c0::9
Connecting to mirrors.fibergrid.in (mirrors.fibergrid.in)|103.116.36.9|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 9642757 (9.2M) [application/x-gzip]
Saving to: 'apache-tomcat-8.5.35.tar.gz'
apache-tomcat-8.5.35.tar.gz 100%[=>] 9.20M 3.45MB/s in 2.7s
2018-11-20 04:13:12 (3.45 MB/s) - 'apache-tomcat-8.5.35.tar.gz' saved [9642757/9642757]
[ec2-user@ip-172-31-41-116 ~]$ tar xf apache-tomcat-8.5.35.tar.gz
[ec2-user@ip-172-31-41-116 ~]$ ls
apache-tomcat-8.5.35 apache-tomcat-8.5.35.tar.gz
[ec2-user@ip-172-31-41-116 ~]$ cd apache-tomcat-8.5.35
[ec2-user@ip-172-31-41-116 apache-tomcat-8.5.35]$ cd bin
[ec2-user@ip-172-31-41-116 bin]$ ./startup.sh
Using CATALINA_BASE: /home/ec2-user/apache-tomcat-8.5.35
Using CATALINA_HOME: /home/ec2-user/apache-tomcat-8.5.35
Using CATALINA_TMPDIR: /home/ec2-user/apache-tomcat-8.5.35/temp
Using JRE_HOME: /usr/lib/jvm/jre
Using CLASSPATH: /home/ec2-user/apache-tomcat-8.5.35/bin/bootstrap.jar:/home/ec2-user/apache-tomcat-8.5.35/bin/tomcat-juli.jar
Tomcat started.
[ec2-user@ip-172-31-41-116 bin]$ cd..
-bash: cd..: command not found
[ec2-user@ip-172-31-41-116 bin]$ cd ..
[ec2-user@ip-172-31-41-116 apache-tomcat-8.5.35]$ ls
bin BUILDING.txt conf CONTRIBUTING.md lib LICENSE logs NOTICE README.md RELEASE-NOTES RUNNING.txt temp webapps work
[ec2-user@ip-172-31-41-116 apache-tomcat-8.5.35]$ cd webapps/
[ec2-user@ip-172-31-41-116 webapps]$ ls
docs examples host-manager manager ROOT
[ec2-user@ip-172-31-41-116 webapps]$ cd manager/
[ec2-user@ip-172-31-41-116 manager]$ cd META-INF/
[ec2-user@ip-172-31-41-116 META-INF]$ ls
context.xml
[ec2-user@ip-172-31-41-116 META-INF]$
10:11 AM
11/20/2018



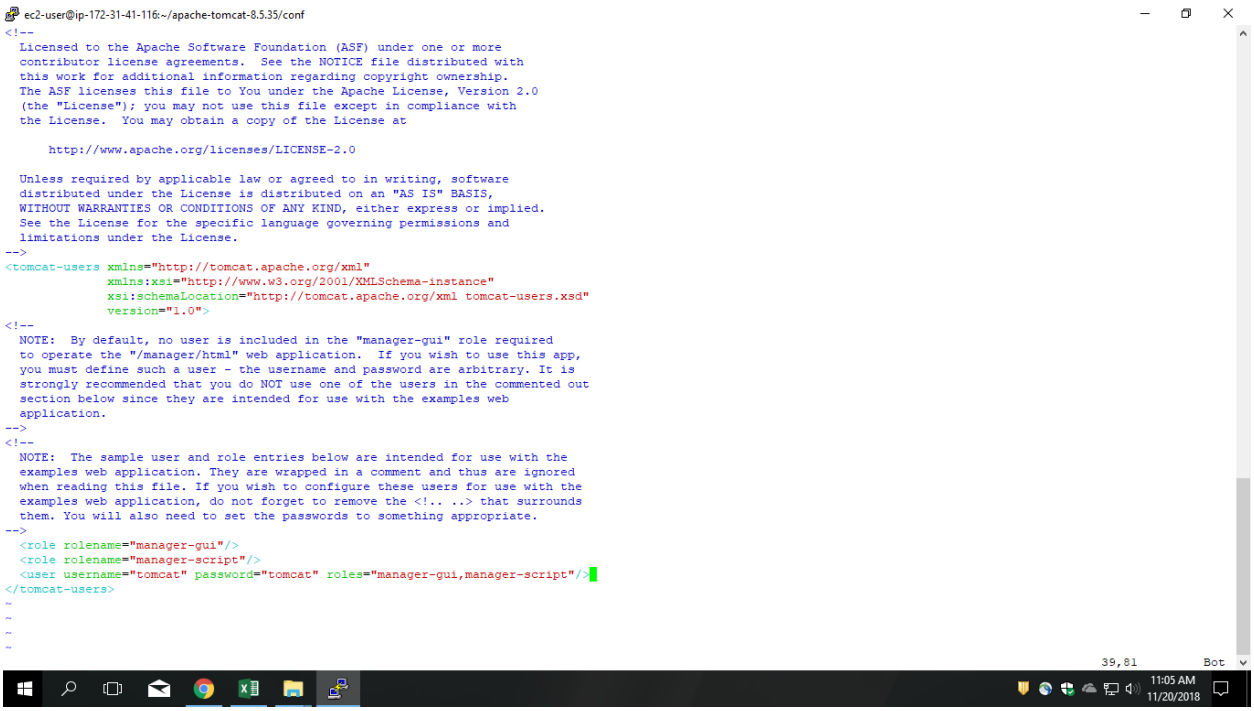
Remove Valve tag in this context.xml file , follow the following screenshots for editing any file.



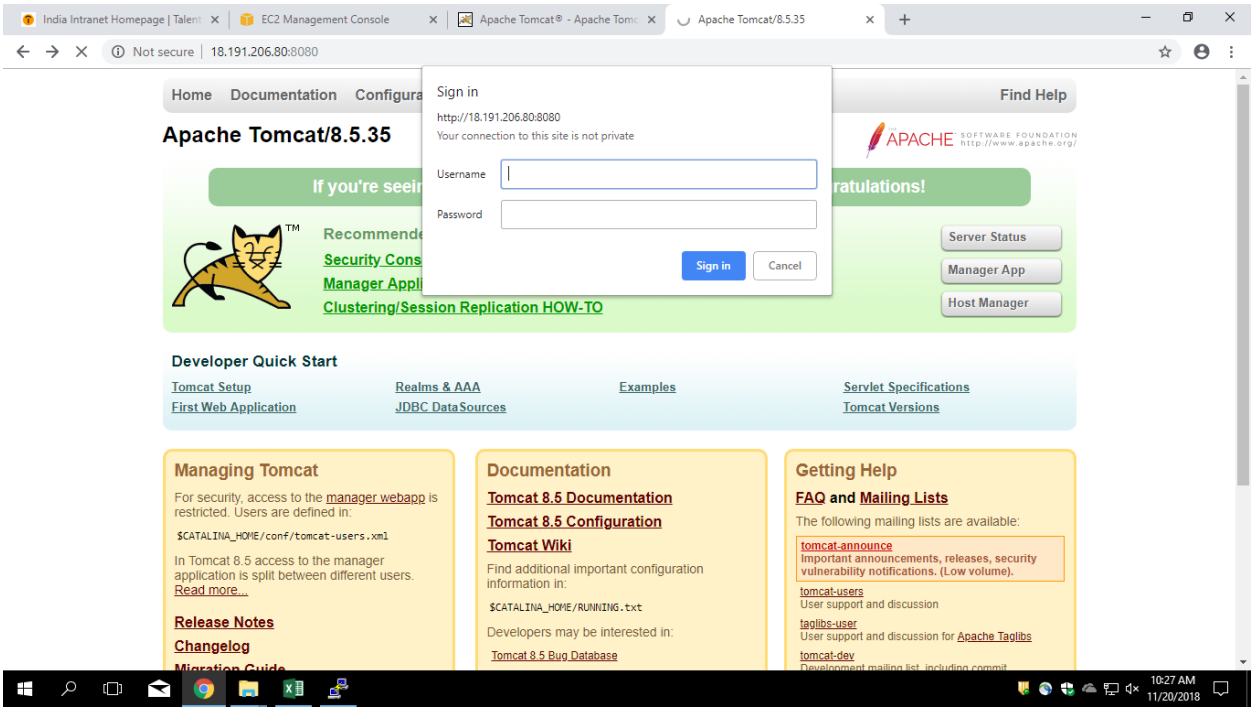


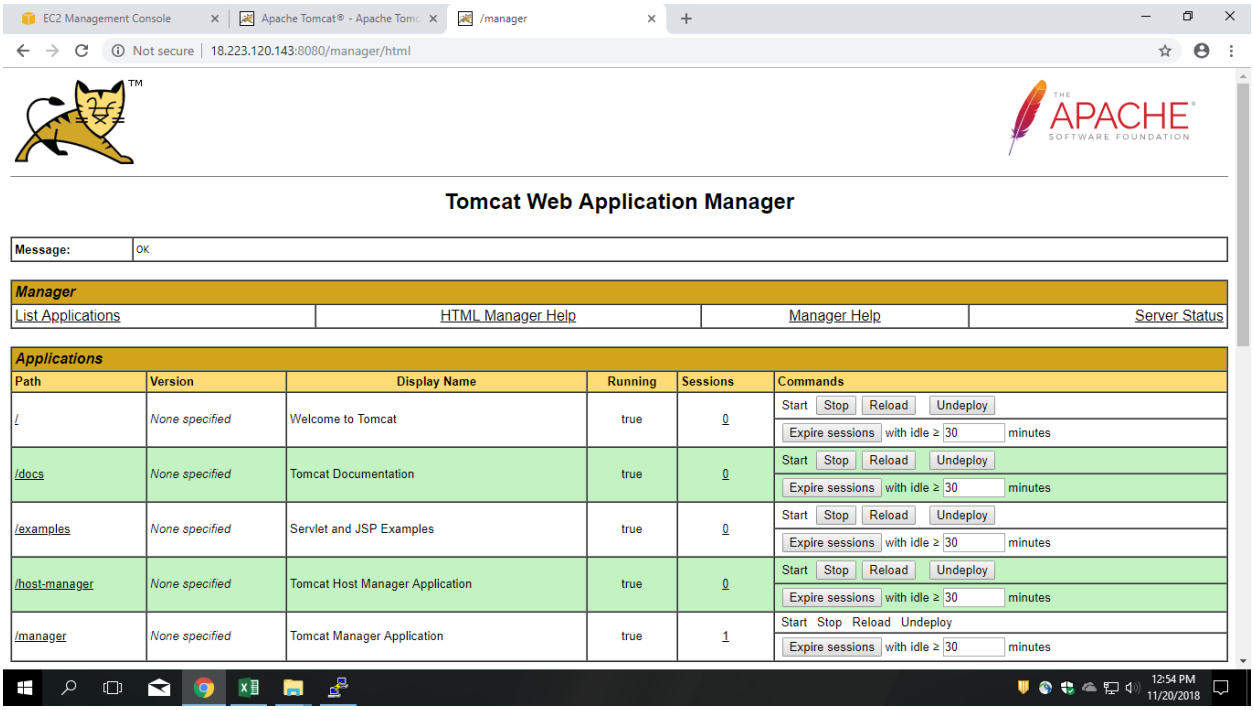


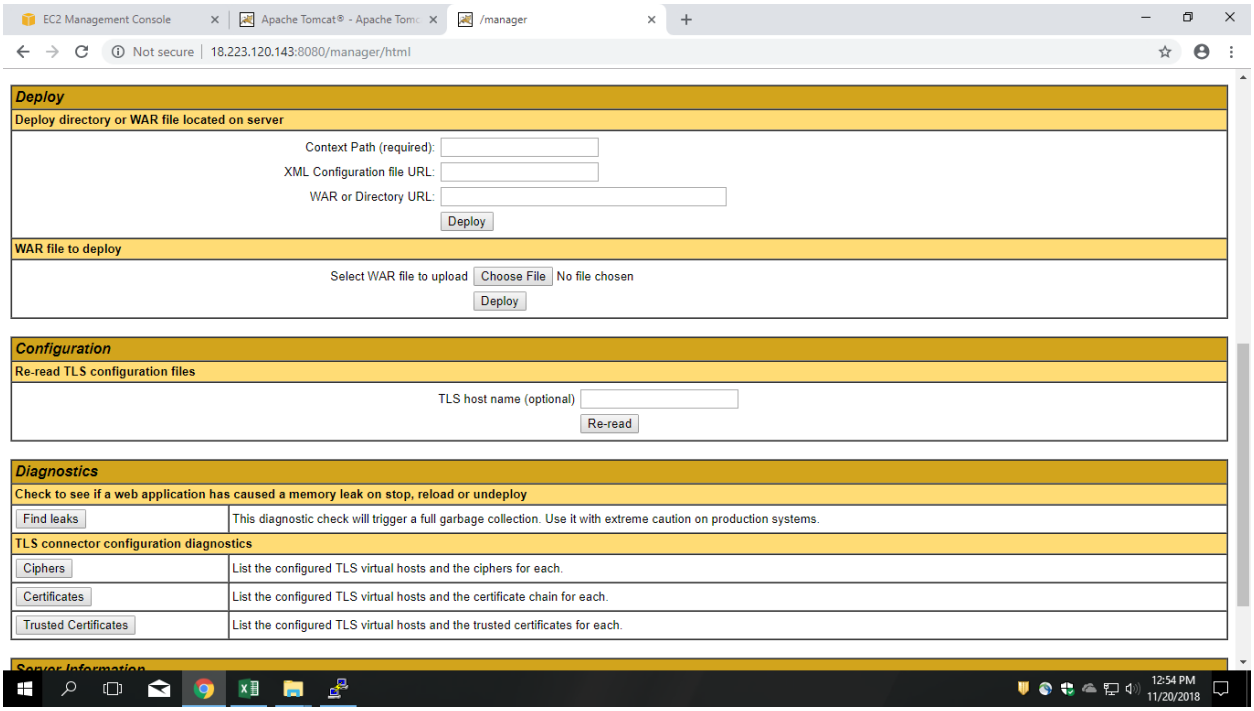
Edit the tomcat-users.xml file as it is in screenshots.



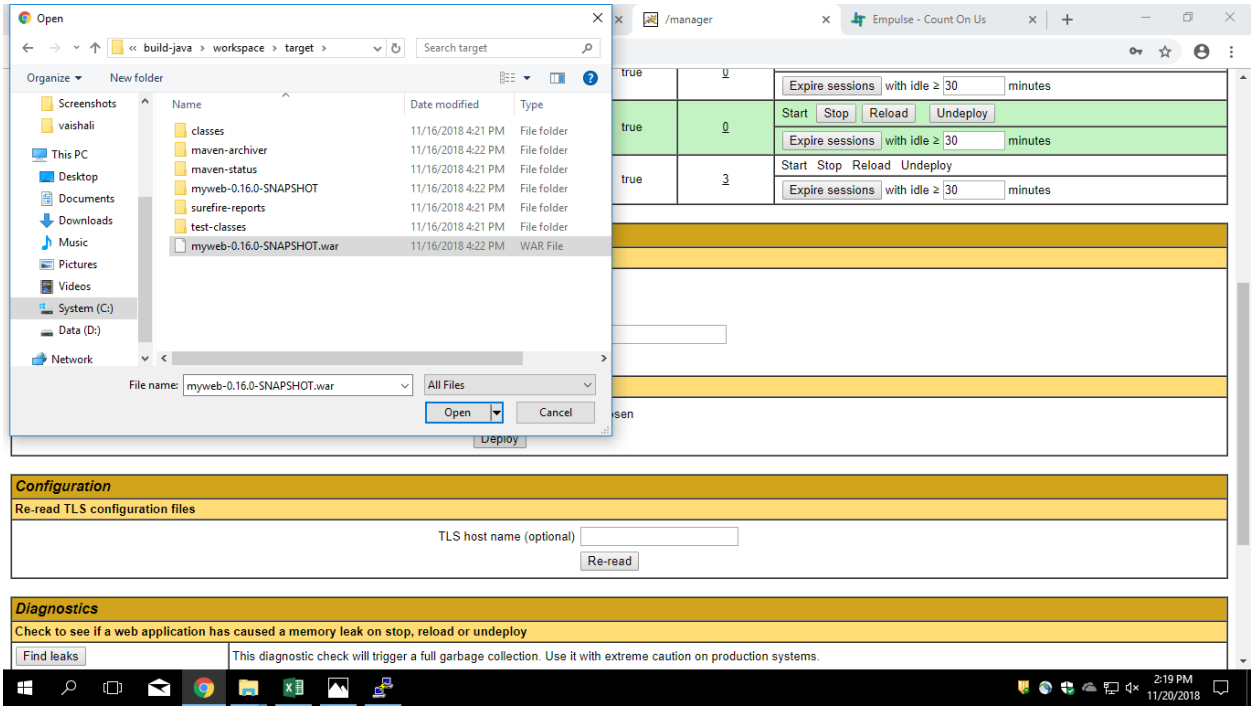
Step 18: Save the file and exit . Go to Browser and click on Manager-app , and enter your user-name and password , which you have given in tomcat-users.xml file .

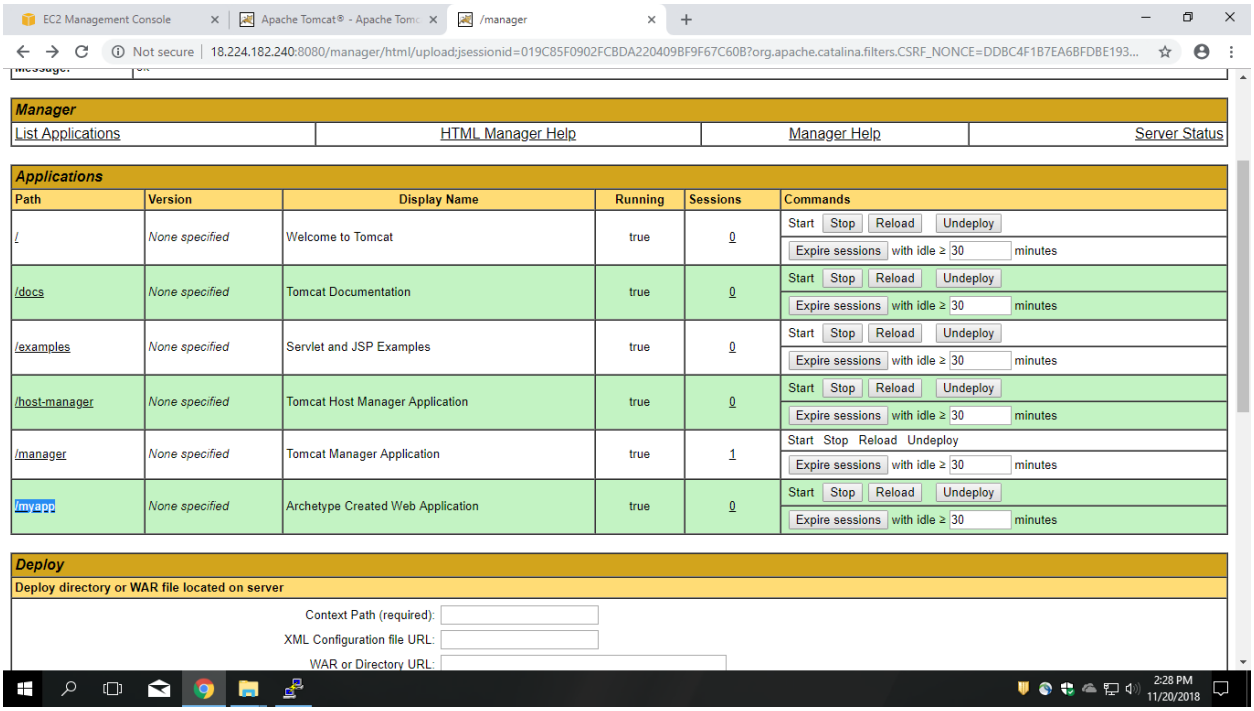
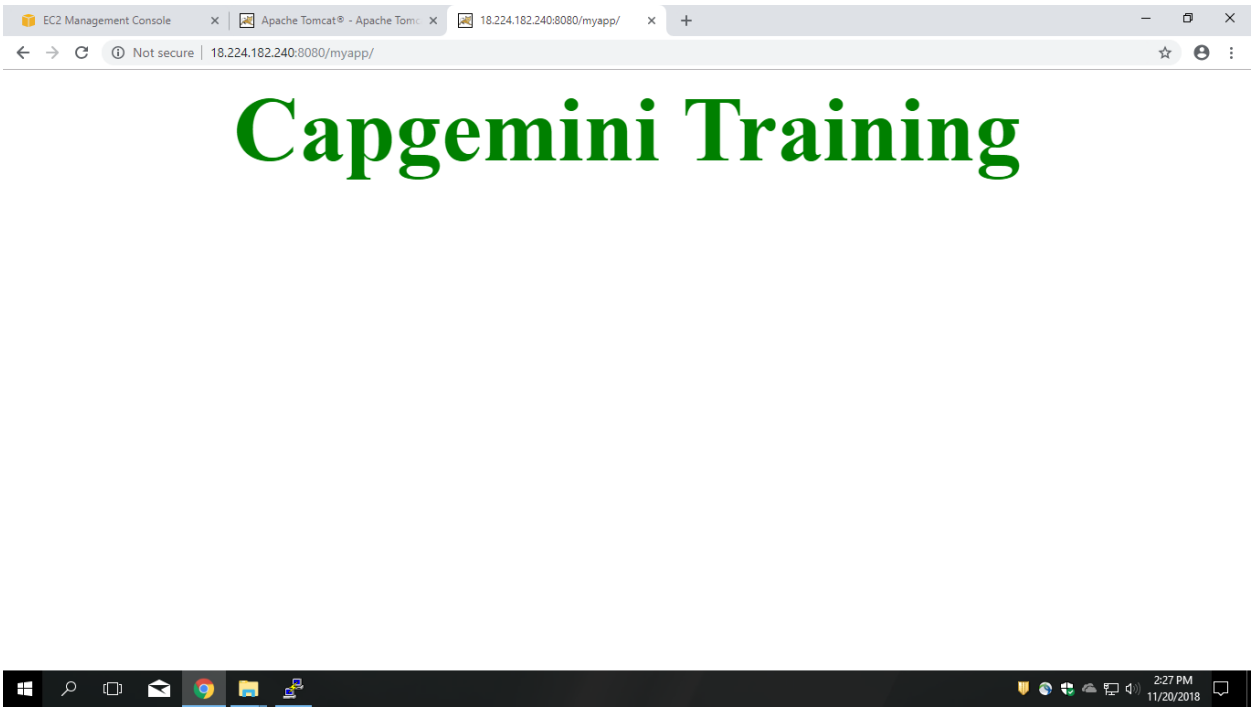

Not secure | 18.191.206.80:8080
Home
Documentation
Find Help
Sign in
http://18.191.206.80:8080
Your connection to this site is not private
Username
Password
Sign in
Cancel
Apache Tomcat/8.5.35
Server Status
Manager App
Host Manager
Clustering/Session Replication HOW-TO
Developer Quick Start
Tomcat Setup
Realms & AAA
Examples
Servlet Specifications
First Web Application
JDBC DataSources
Tomcat Versions
Managing Tomcat
For security, access to the manager webapp is restricted. Users are defined in:
$CATALINA_HOME/conf/tomcat-users.xml
In Tomcat 8.5 access to the manager application is split between different users.
Read more...
Release Notes
Changelog
Documentation
Tomcat 8.5 Documentation
Tomcat 8.5 Configuration
Tomcat Wiki
Find additional important configuration information in:
$CATALINA_HOME/RUNNING.txt
Developers may be interested in:
Tomcat 8.5 Bug Database
Getting Help
FAQ and Mailing Lists
The following mailing lists are available:
tomcat-announce
Important announcements, releases, security vulnerability notifications. (Low volume).
tomcat-users
User support and discussion
taglibs-user
User support and discussion for Apache Taglibs
tomcat-dev
10:27 AM
11/20/2018


Not secure | 18.223.120.143:8080/manager/html
Tomcat Web Application Manager
Message: OK
Manager
List Applications
HTML Manager Help
Manager Help
Server Status
Applications
Path
Version
Display Name
Running
Sessions
Commands
/ None specified Welcome to Tomcat true 0 Start Stop Reload Undeploy Expire sessions with idle ≥ 30 minutes
/docs None specified Tomcat Documentation true 0 Start Stop Reload Undeploy Expire sessions with idle ≥ 30 minutes
/examples None specified Servlet and JSP Examples true 0 Start Stop Reload Undeploy Expire sessions with idle ≥ 30 minutes
/host-manager None specified Tomcat Host Manager Application true 0 Start Stop Reload Undeploy Expire sessions with idle ≥ 30 minutes
/manager None specified Tomcat Manager Application true 1 Start Stop Reload Undeploy Expire sessions with idle ≥ 30 minutes
12:54 PM
11/20/2018



Step 19: Choose war file to deploy.





Step 20: click on myapp .