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BRANCH: T.E. – I.T.

SEMESTER: ODD SEMESTER 5

COURSE: Advance DevOPs (ITL504)

DATE: 07-09-2022

EXPERIMENT 8

1. What is hub.docker.com?

Docker Hub is the world's largest repository of container images with an array of content sources including container community developers, open-source projects and independent software vendors (ISV) building and distributing their code in containers. Users get access to free public repositories for storing and sharing images or can choose subscription plan for private repos. Docker Hub is a hosted repository service provided by Docker for finding and sharing container images with your team.

2. What is docker hub used for?

Key features of Docker hub include –

- Private Repositories: Push and pull container images.
- Automated Builds: Automatically build container images from GitHub and Bitbucket and push them to Docker Hub.
- Teams & Organizations: Manage access to private repositories.
- Official Images: Pull and use high-quality container images provided by Docker.
- Publisher Images: Pull and use high-quality container images provided by external vendors. Certified images also include support and guarantee compatibility with Docker Enterprise.
- Webhooks: Trigger actions after a successful push to a repository to integrate Docker Hub with other services.

3. Install docker on AWS EC2 –Ubuntu by using curl

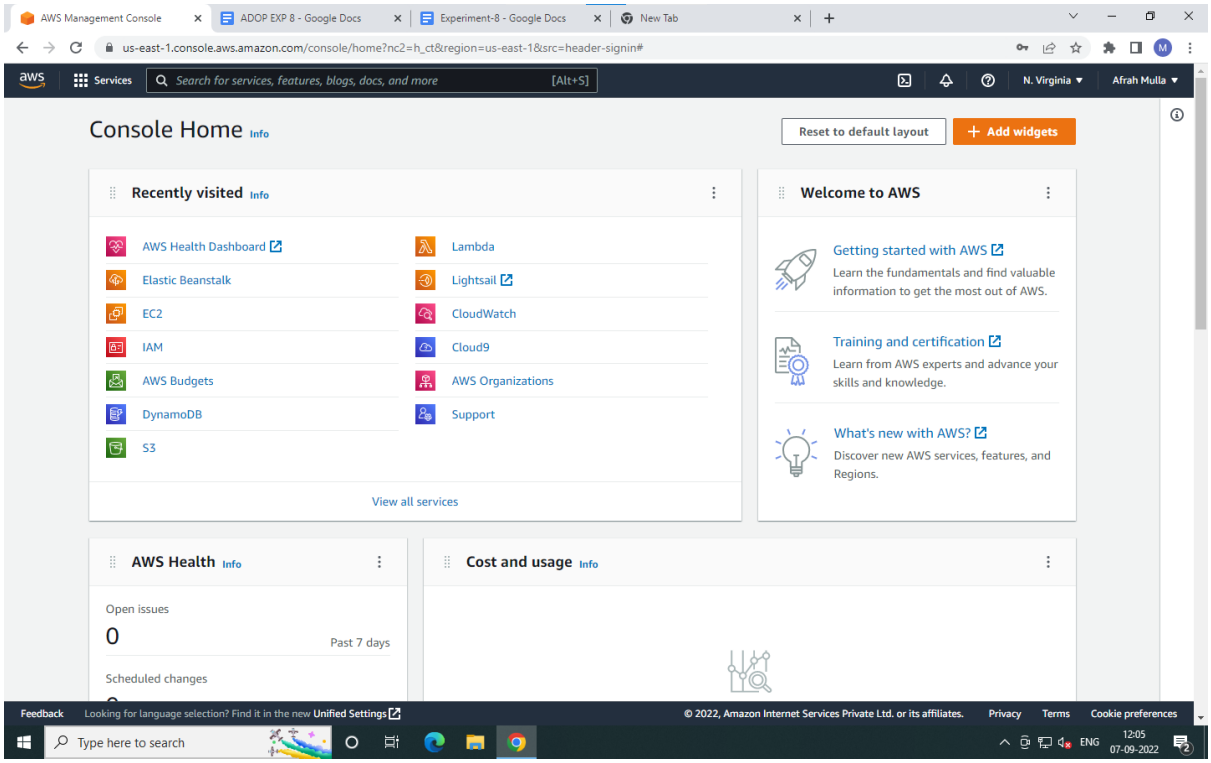
#curl -fsSL https://get.docker.com -o get-docker.sh

#sh get-docker.sh

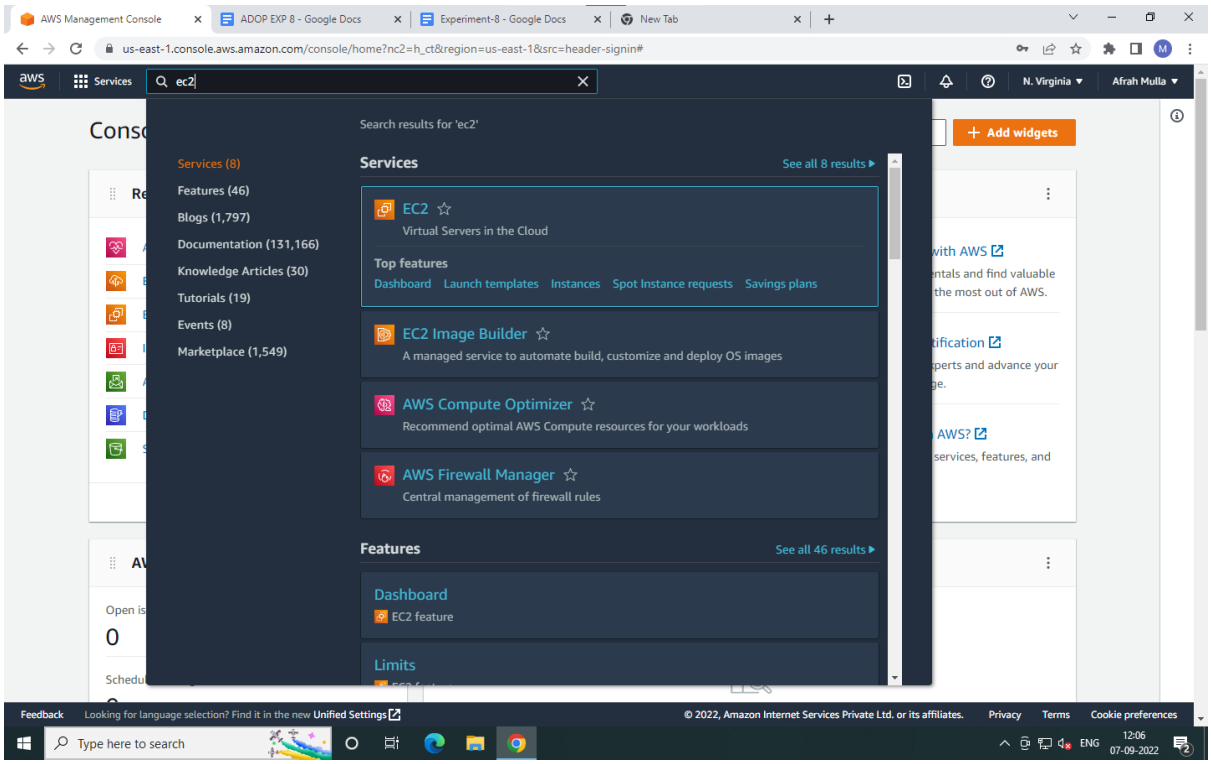
4. Run hello-world from docker hub and explain the steps.

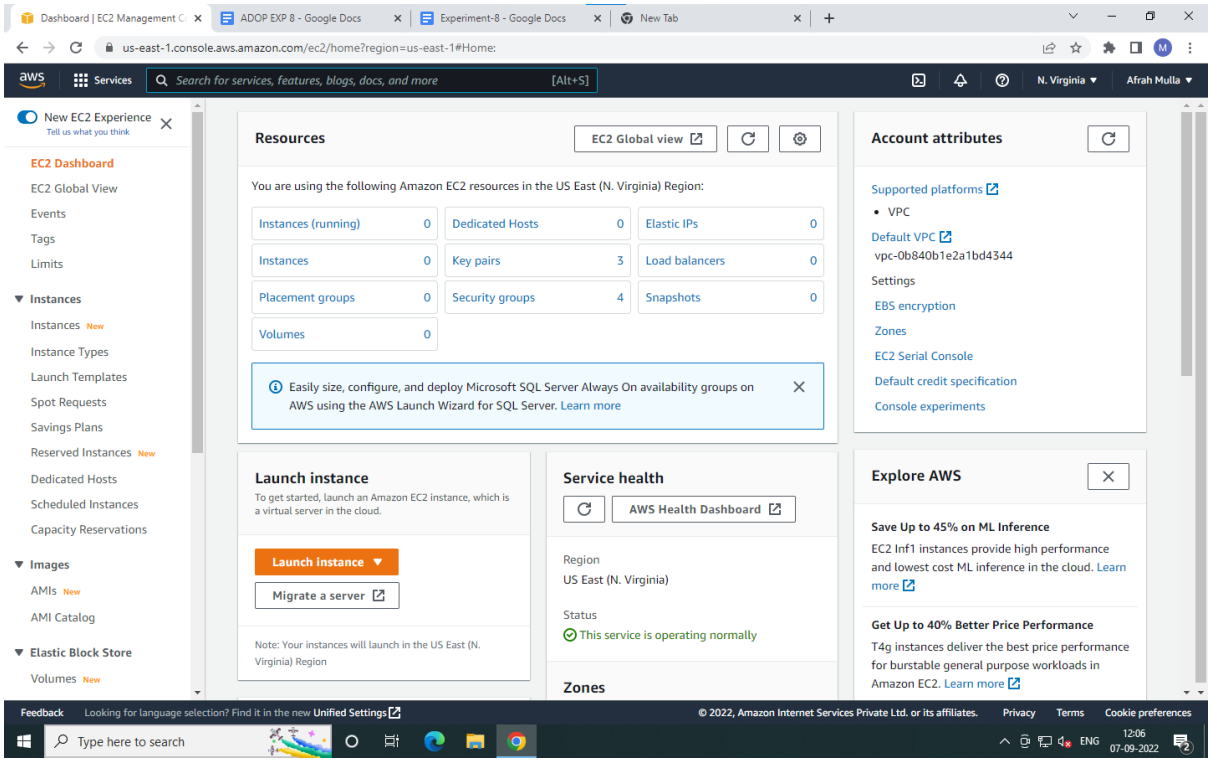
5. Pull 3 or 4 images, one of the python, run "Hello World" inside container.

Step 1: AWS Management Console



Step 2: Go to EC2 instances, name and create an Ubuntu instance with 20.04 LTS version




Dashboard | EC2 Management C
ADOP EXP 8 - Google Docs
Experiment-8 - Google Docs
New Tab
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Home:
Services
Search for services, features, blogs, docs, and more [Alt+S]
N. Virginia
Afrah Mulla
New EC2 Experience
Tell us what you think
EC2 Dashboard
EC2 Global View
Events
Tags
Limits
Instances
Instances New
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances New
Dedicated Hosts
Scheduled Instances
Capacity Reservations
Images
AMIs New
AMI Catalog
Elastic Block Store
Volumes New
Resources
EC2 Global view
You are using the following Amazon EC2 resources in the US East (N. Virginia) Region:
Instances (running) 0
Dedicated Hosts 0
Elastic IPs 0
Instances 0
Key pairs 3
Load balancers 0
Placement groups 0
Security groups 4
Snapshots 0
Volumes 0
Easily size, configure, and deploy Microsoft SQL Server Always On availability groups on AWS using the AWS Launch Wizard for SQL Server. Learn more
Account attributes
Supported platforms
VPC
Default VPC
vpc-0b840b1e2a1bd4344
Settings
EBS encryption
Zones
EC2 Serial Console
Default credit specification
Console experiments
Launch instance
To get started, launch an Amazon EC2 instance, which is a virtual server in the cloud.
Launch instance
Migrate a server
Note: Your instances will launch in the US East (N. Virginia) Region
Service health
AWS Health Dashboard
Region
US East (N. Virginia)
Status
This service is operating normally
Zones
Explore AWS
Save Up to 45% on ML Inference
EC2 Inf1 instances provide high performance and lowest cost ML inference in the cloud. Learn more
Get Up to 40% Better Price Performance
T4g instances deliver the best price performance for burstable general purpose workloads in Amazon EC2. Learn more
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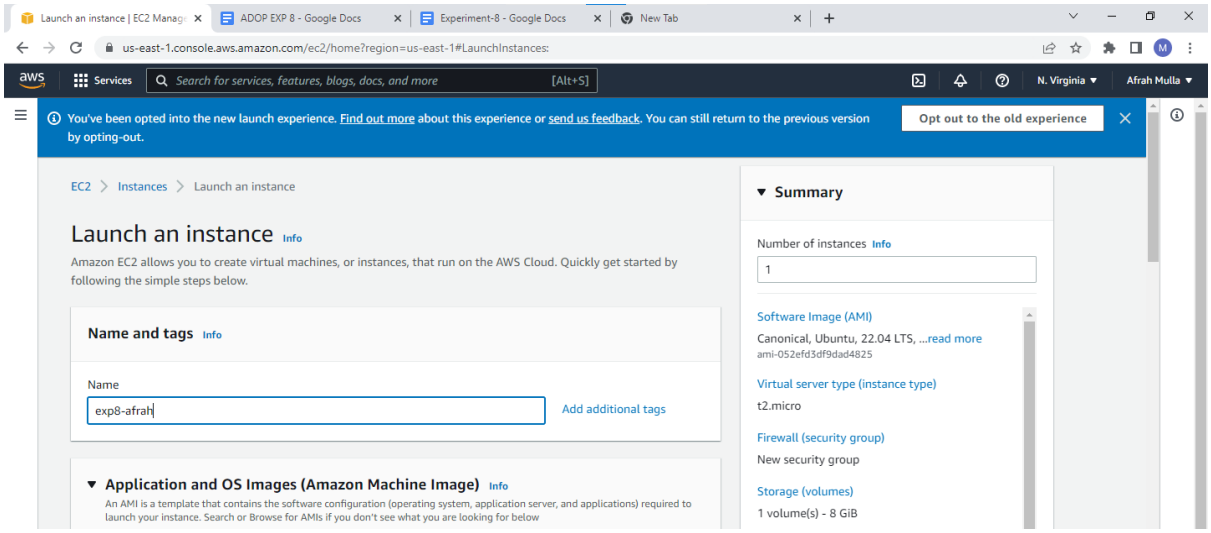
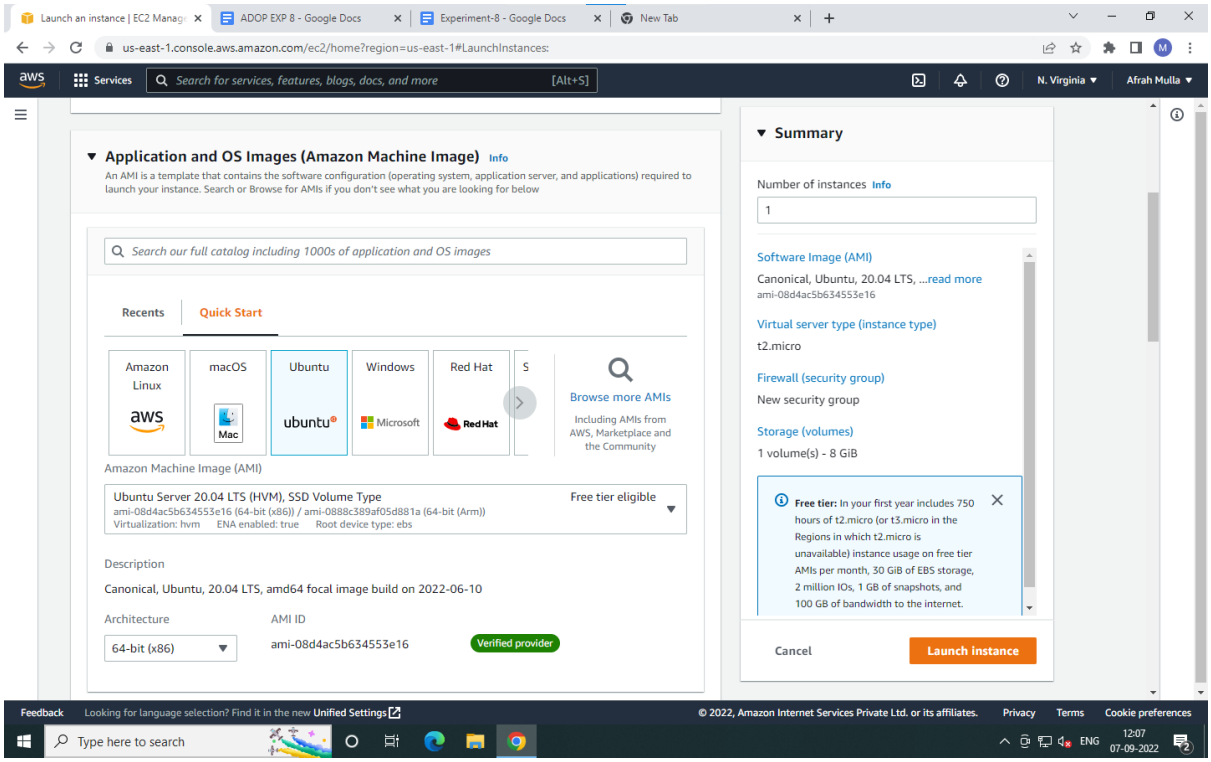
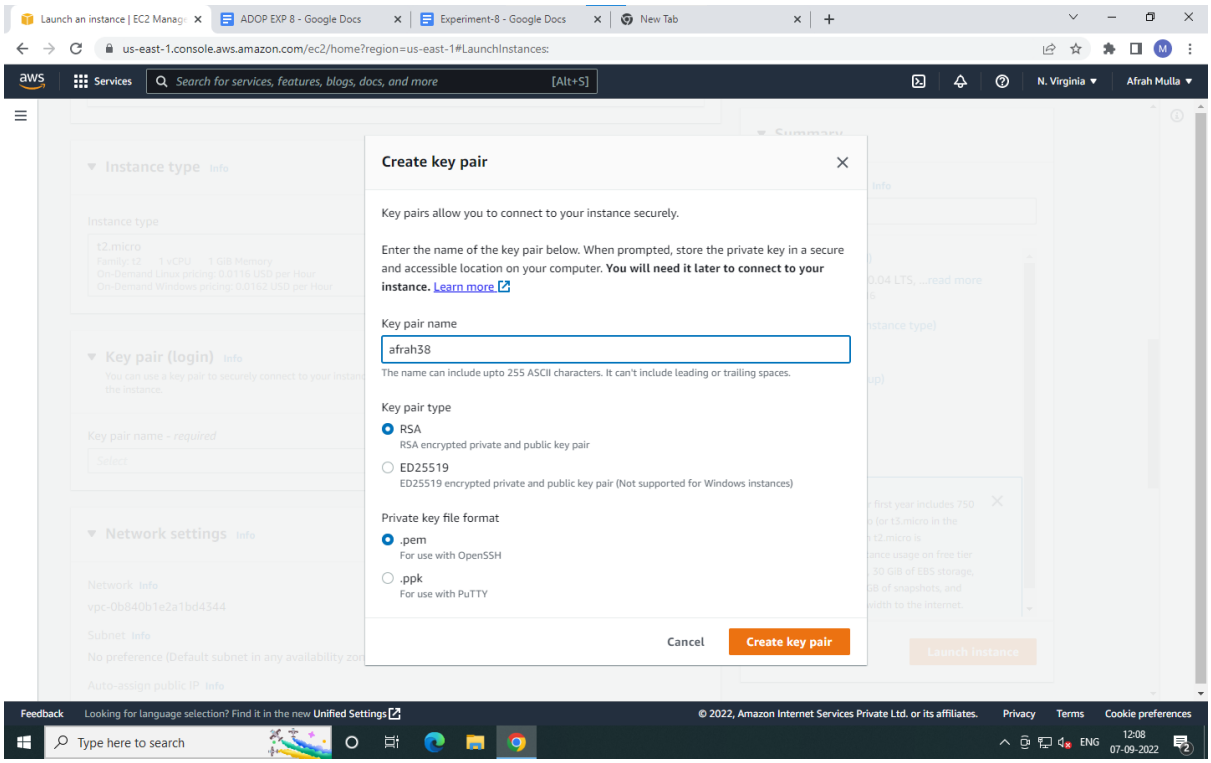
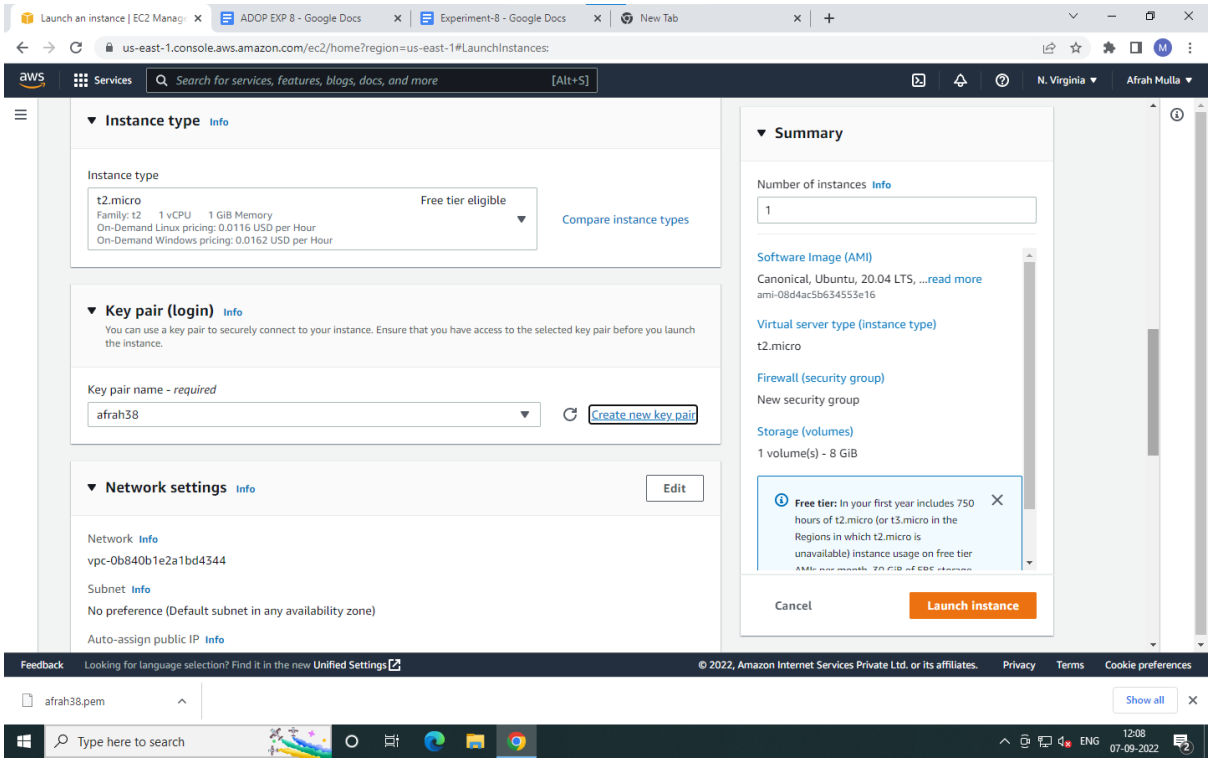
ENG
12:06
07-09-2022


Launch an instance | EC2 Manag
ADOP EXP 8 - Google Docs
Experiment-8 - Google Docs
New Tab
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
Services
Search for services, features, blogs, docs, and more [Alt+S]
N. Virginia
Afrah Mulla
You've been opted into the new launch experience. Find out more about this experience or send us feedback. You can still return to the previous version by opting-out.
Opt out to the old experience
EC2 > Instances > Launch an instance
Launch an instance Info
Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.
Name and tags Info
Name
exp8-afrah
Add additional tags
Application and OS Images (Amazon Machine Image) Info
An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below
Summary
Number of instances Info
1
Software Image (AMI)
Canonical, Ubuntu, 22.04 LTS, ...read more
ami-052efd3df9dad4825
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB



Step 3: Create a key pair for your instance and in the network settings allow the HTTPS and HTTP traffic




Launch an instance | EC2 Manag
ADOP EXP 8 - Google Docs
Experiment-8 - Google Docs
New Tab
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
Services
Search for services, features, blogs, docs, and more [Alt+S]
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Instance type Info
Instance type
t2.micro Free tier eligible
Family: t2 1 vCPU 1 GiB Memory
On-Demand Linux pricing: 0.0116 USD per Hour
On-Demand Windows pricing: 0.0162 USD per Hour
Compare instance types
Key pair (login) Info
You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.
Key pair name - required
afrah38
Create new key pair
Network settings Info
Edit
Network Info
vpc-0b840b1e2a1bd4344
Subnet Info
No preference (Default subnet in any availability zone)
Auto-assign public IP Info
Summary
Number of instances Info
1
Software Image (AMI)
Canonical, Ubuntu, 20.04 LTS, ...read more
ami-08d4ac5b634553e16
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier
Cancel
Launch instance
Feedback
Looking for language selection? Find it in the new Unified Settings
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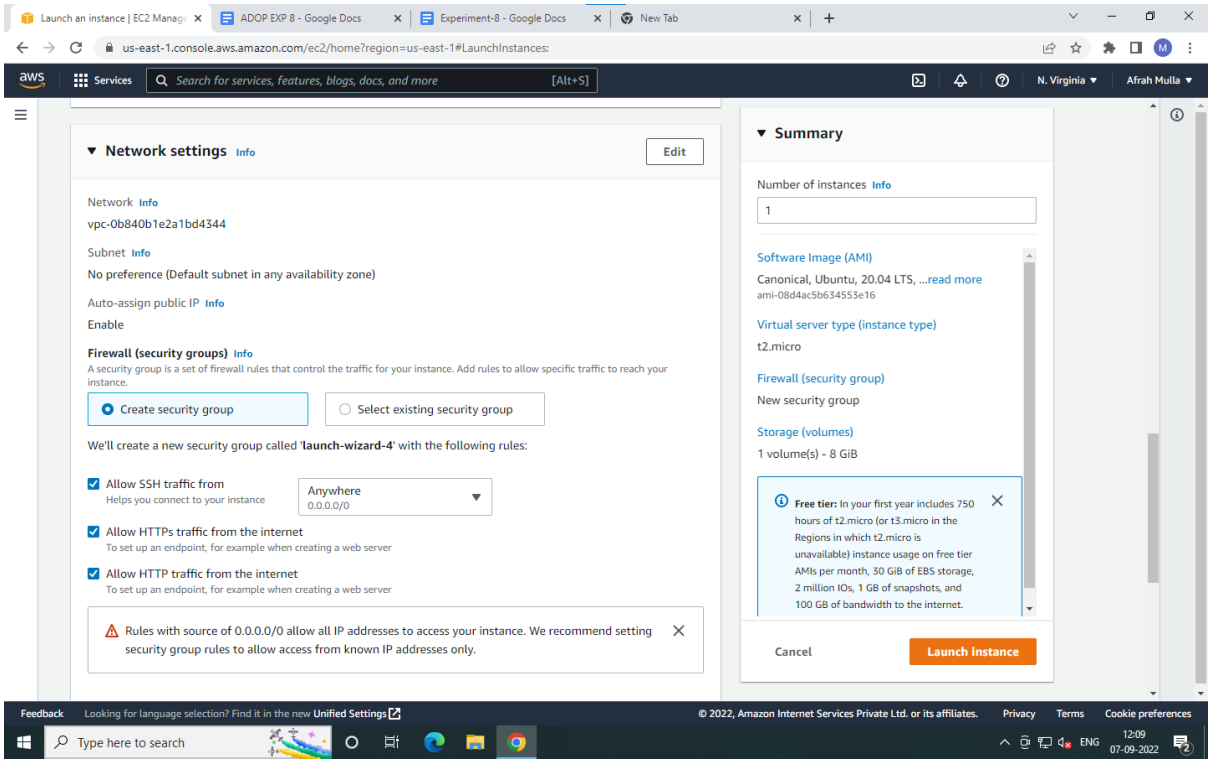
Privacy
Terms
Cookie preferences
afrah38.pem
Show all
Type here to search
ENG
12:08
07-09-2022


Launch an instance | EC2 Manag
ADOP EXP 8 - Google Docs
Experiment-8 - Google Docs
New Tab
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
Services
Search for services, features, blogs, docs, and more [Alt+S]
N. Virginia
Afrah Mulla
Network settings Info
Edit
Network Info
vpc-0b840b1e2a1bd4344
Subnet Info
No preference (Default subnet in any availability zone)
Auto-assign public IP Info
Enable
Firewall (security groups) Info
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.
Create security group
Select existing security group
We'll create a new security group called 'launch-wizard-4' with the following rules:
Allow SSH traffic from
Helps you connect to your instance
Anywhere
0.0.0.0/0
Allow HTTPs traffic from the internet
To set up an endpoint, for example when creating a web server
Allow HTTP traffic from the internet
To set up an endpoint, for example when creating a web server
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.
Summary
Number of instances Info
1
Software Image (AMI)
Canonical, Ubuntu, 20.04 LTS, ...read more
ami-08d4ac5b634553e16
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 30 GiB of EBS storage, 2 million IOs, 1 GB of snapshots, and 100 GB of bandwidth to the internet.
Cancel
Launch instance
Feedback
Looking for language selection? Find it in the new Unified Settings
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Terms
Cookie preferences
Type here to search
ENG
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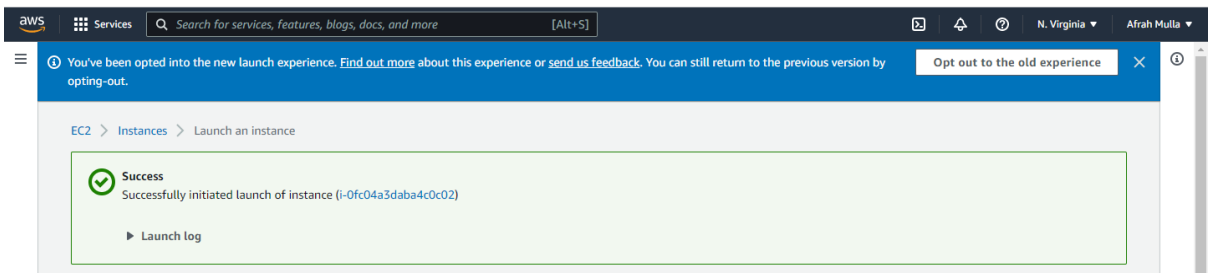
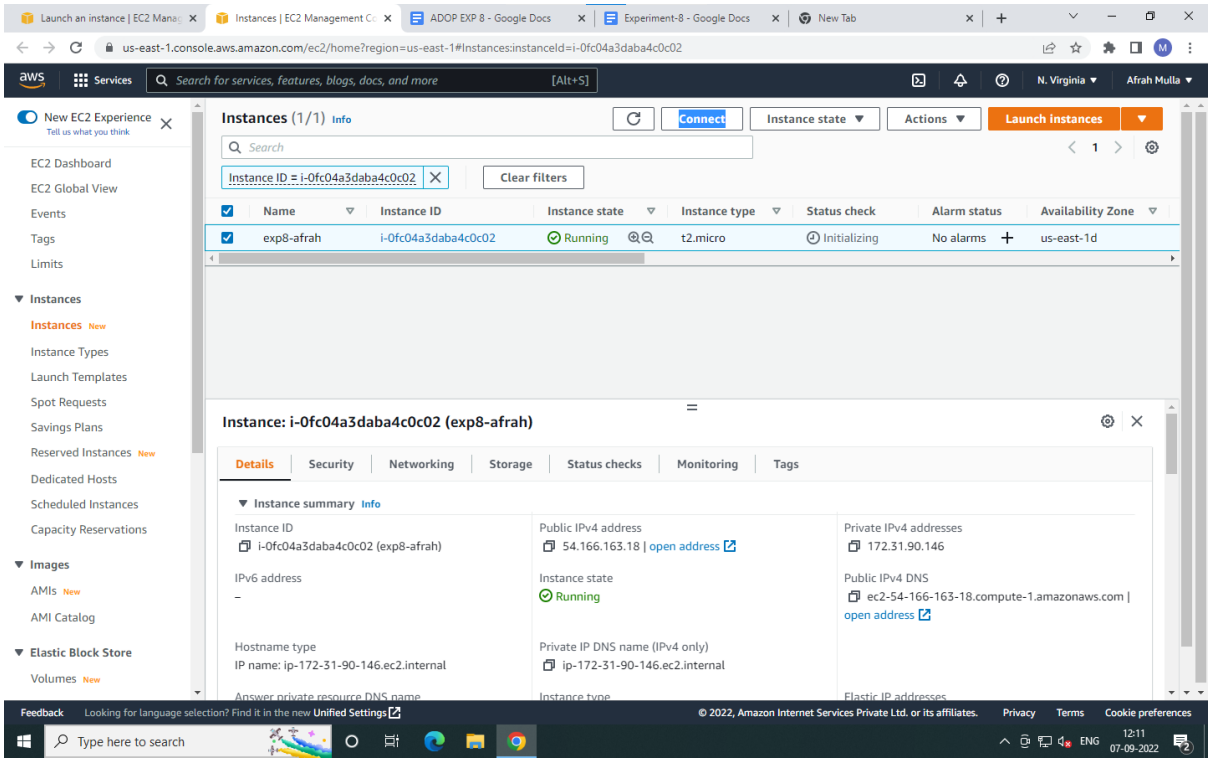

Services
Search for services, features, blogs, docs, and more [Alt+S]
N. Virginia
Afrah Mulla
You've been opted into the new launch experience. Find out more about this experience or send us feedback. You can still return to the previous version by opting-out.
Opt out to the old experience
EC2 > Instances > Launch an instance
Success
Successfully initiated launch of instance (i-0fc04a3daba4c0c02)
Launch log


Launch an instance | EC2 Manag
Instances | EC2 Management C
ADOP EXP 8 - Google Docs
Experiment-8 - Google Docs
New Tab
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:instanceId=i-0fc04a3daba4c0c02
Services
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New EC2 Experience
Tell us what you think
EC2 Dashboard
EC2 Global View
Events
Tags
Limits
Instances
Instances New
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances New
Dedicated Hosts
Scheduled Instances
Capacity Reservations
Images
AMIs New
AMI Catalog
Elastic Block Store
Volumes New
Instances (1/1) Info
Connect
Instance state
Actions
Launch instances
Search
Instance ID = i-0fc04a3daba4c0c02
Clear filters
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
exp8-afrah
i-0fc04a3daba4c0c02
Running
t2.micro
Initializing
No alarms
us-east-1d
Instance: i-0fc04a3daba4c0c02 (exp8-afrah)
Details
Security
Networking
Storage
Status checks
Monitoring
Tags
Instance summary Info
Instance ID
i-0fc04a3daba4c0c02 (exp8-afrah)
Public IPv4 address
54.166.163.18 | open address
Private IPv4 addresses
172.31.90.146
IPv6 address
–
Instance state
Running
Public IPv4 DNS
ec2-54-166-163-18.compute-1.amazonaws.com | open address
Hostname type
IP name: ip-172-31-90-146.ec2.internal
Private IP DNS name (IPv4 only)
ip-172-31-90-146.ec2.internal
Feedback
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Terms
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Type here to search
ENG
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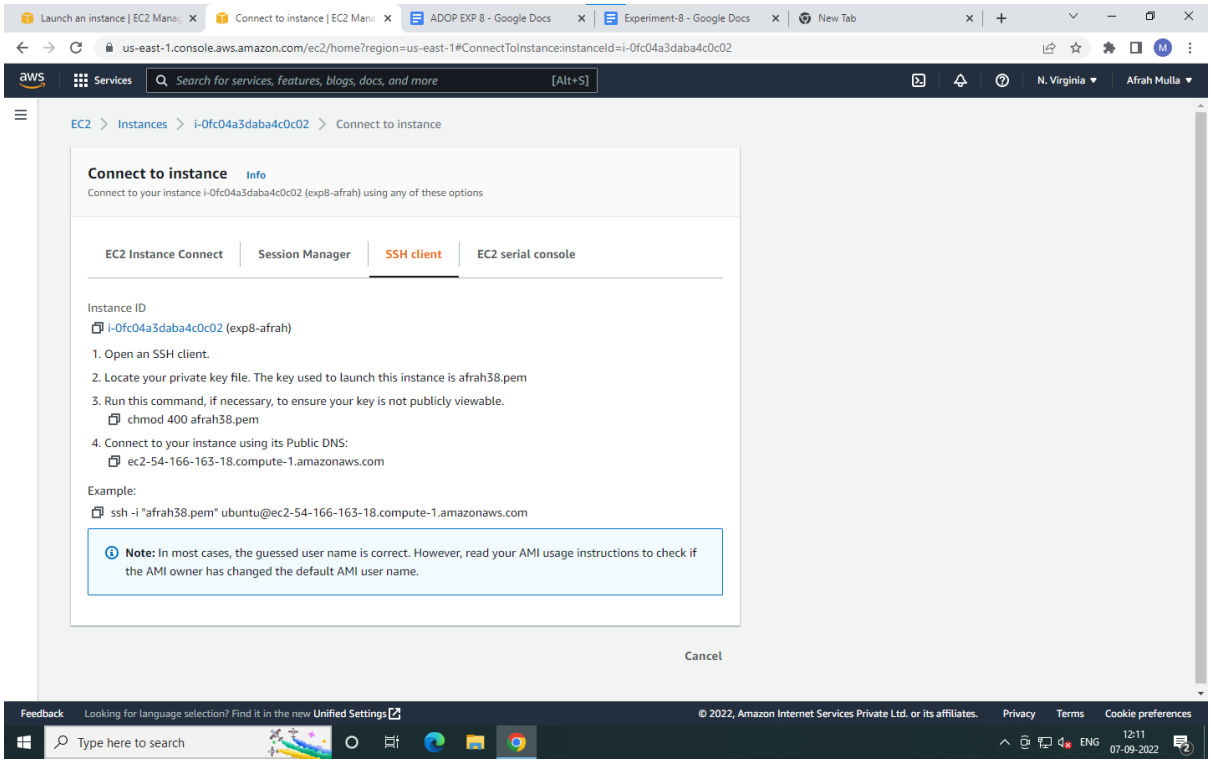
Launch an instance | EC2 Manag
Connect to instance | EC2 Mana
ADOP EXP 8 - Google Docs
Experiment-8 - Google Docs
New Tab
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#ConnectToInstance:instanceId=i-0fc04a3daba4c0c02
Services
Search for services, features, blogs, docs, and more
[Alt+S]
N. Virginia
Afrah Mulla
EC2 > Instances > i-0fc04a3daba4c0c02 > Connect to instance
Connect to instance Info
Connect to your instance i-0fc04a3daba4c0c02 (exp8-afrah) using any of these options
EC2 Instance Connect
Session Manager
SSH client
EC2 serial console
Instance ID
i-0fc04a3daba4c0c02 (exp8-afrah)
1. Open an SSH client.
2. Locate your private key file. The key used to launch this instance is afrah38.pem
3. Run this command, if necessary, to ensure your key is not publicly viewable.
chmod 400 afrah38.pem
4. Connect to your instance using its Public DNS:
ec2-54-166-163-18.compute-1.amazonaws.com
Example:
ssh -i "afrah38.pem" ubuntu@ec2-54-166-163-18.compute-1.amazonaws.com
Note: In most cases, the guessed user name is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI user name.
Cancel
Feedback
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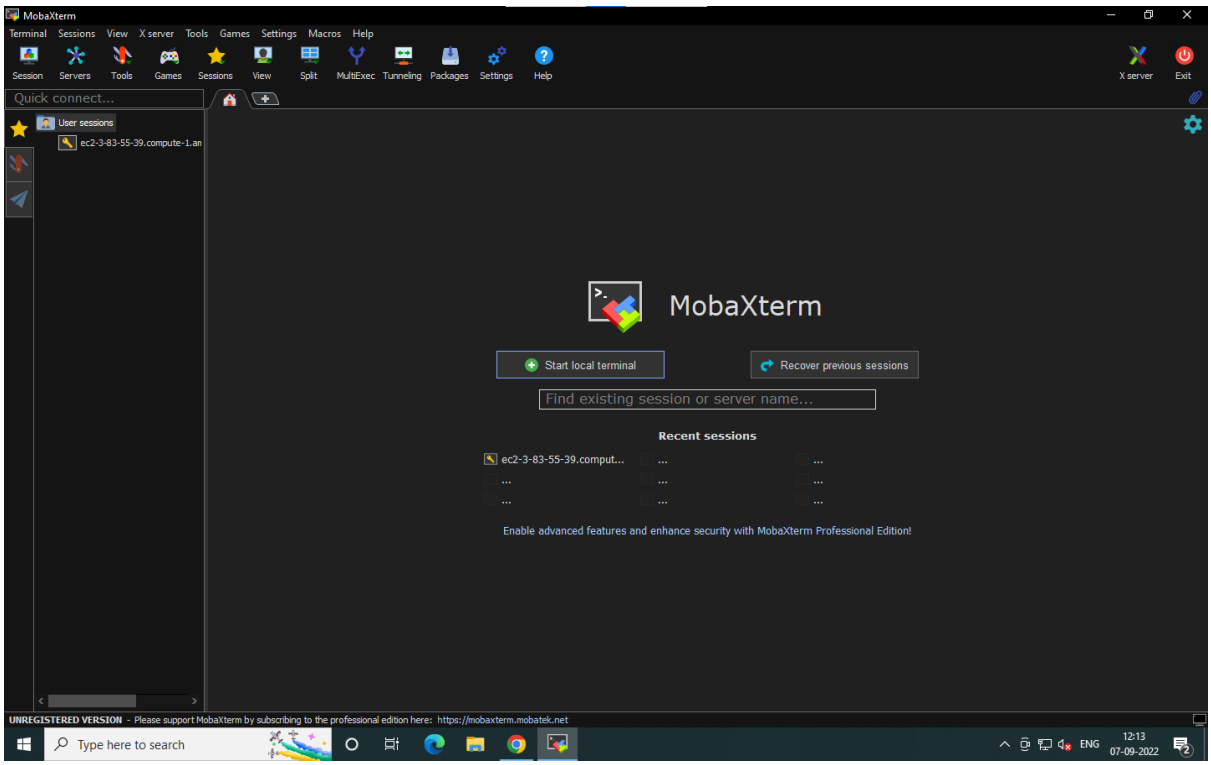
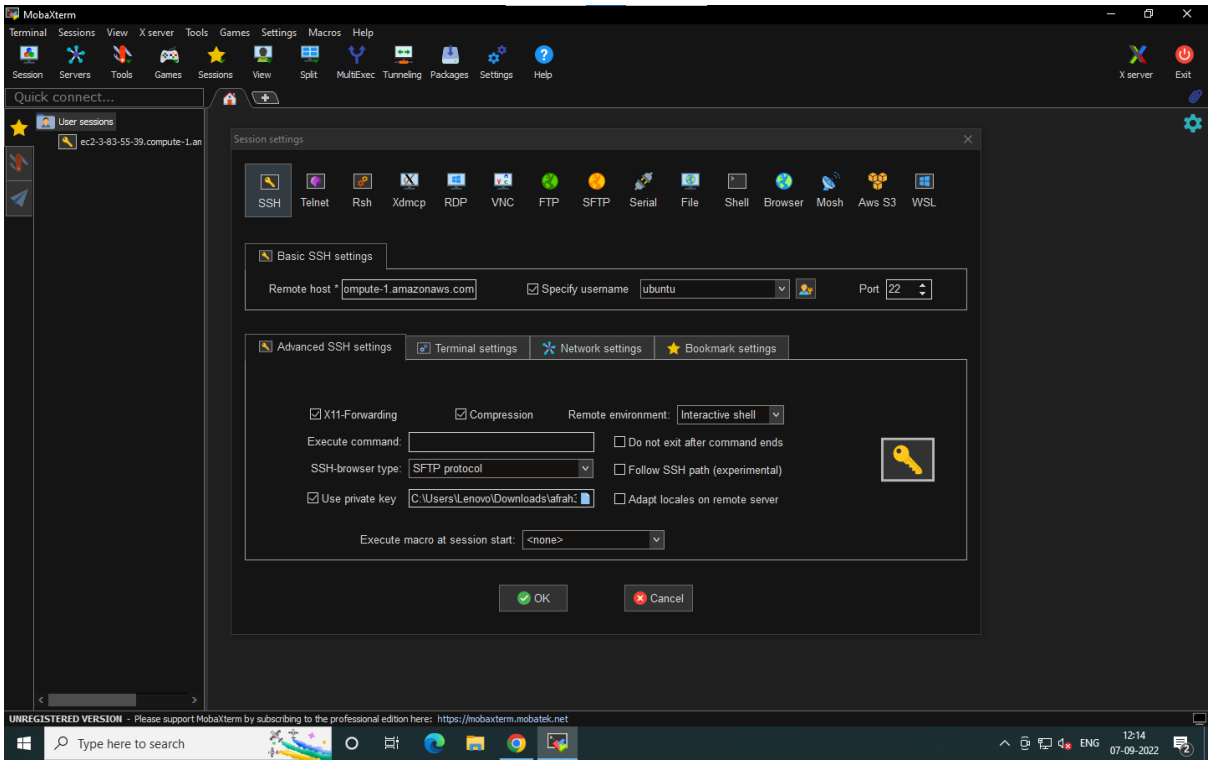
Type here to search
ENG
12:11
07-09-2022

Step 4: Launch MobaXterm -> Select SSH session -> Copy the public DNS of your instance and paste it into the remote host. Use the downloaded key pair as the private key

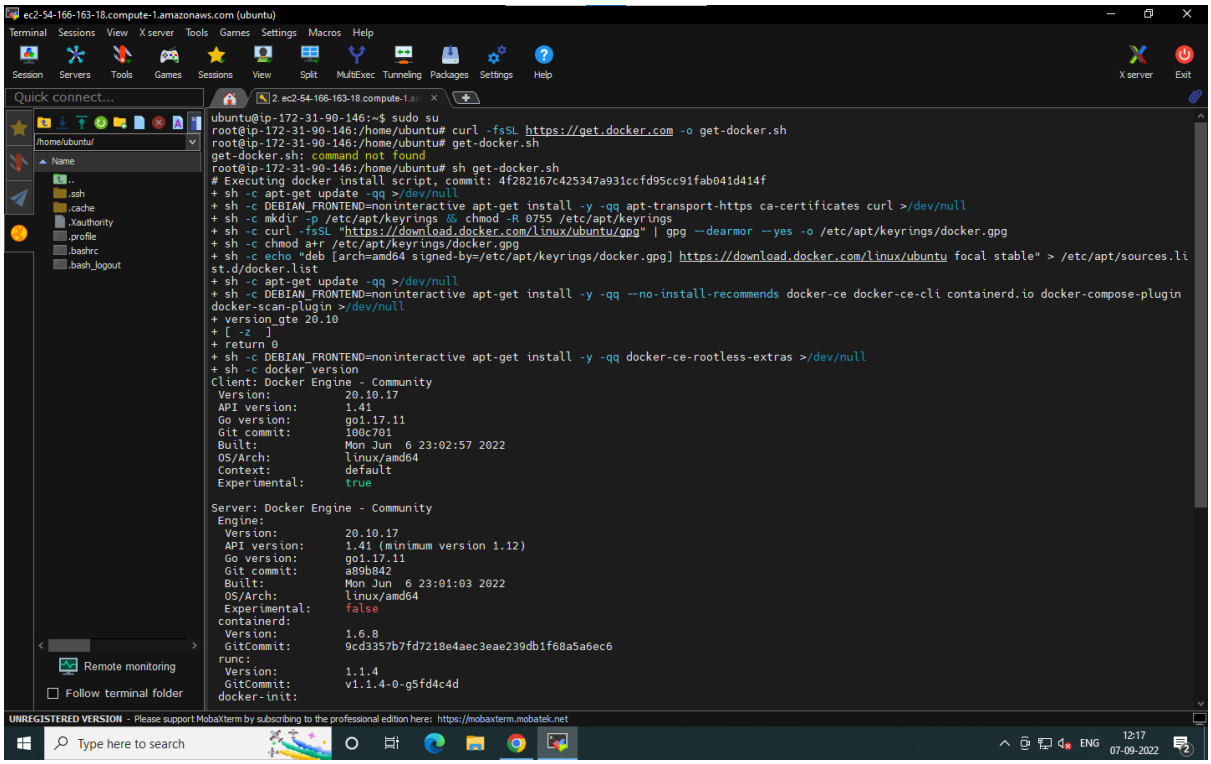


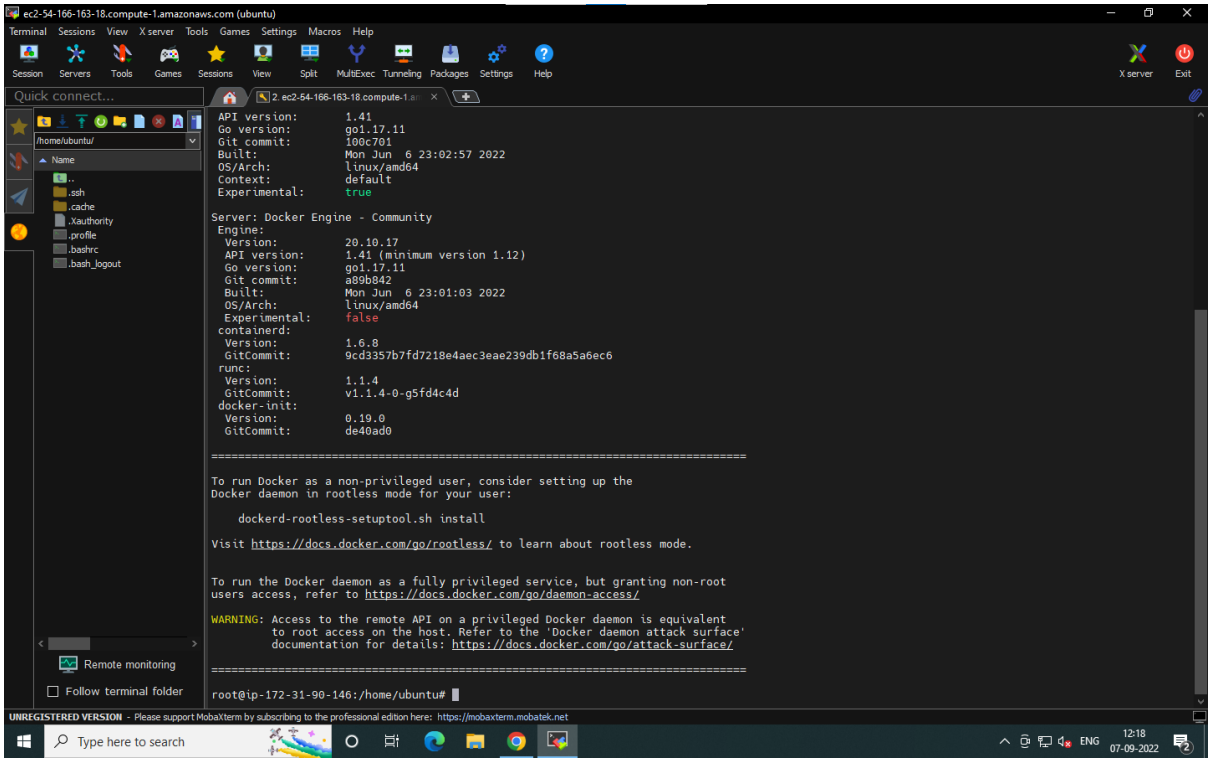


Step 5: Run the command ‘sudo su’ to gain root user access. Then enter commands:

curl -fsSL https://get.docker.com -o get-docker.sh

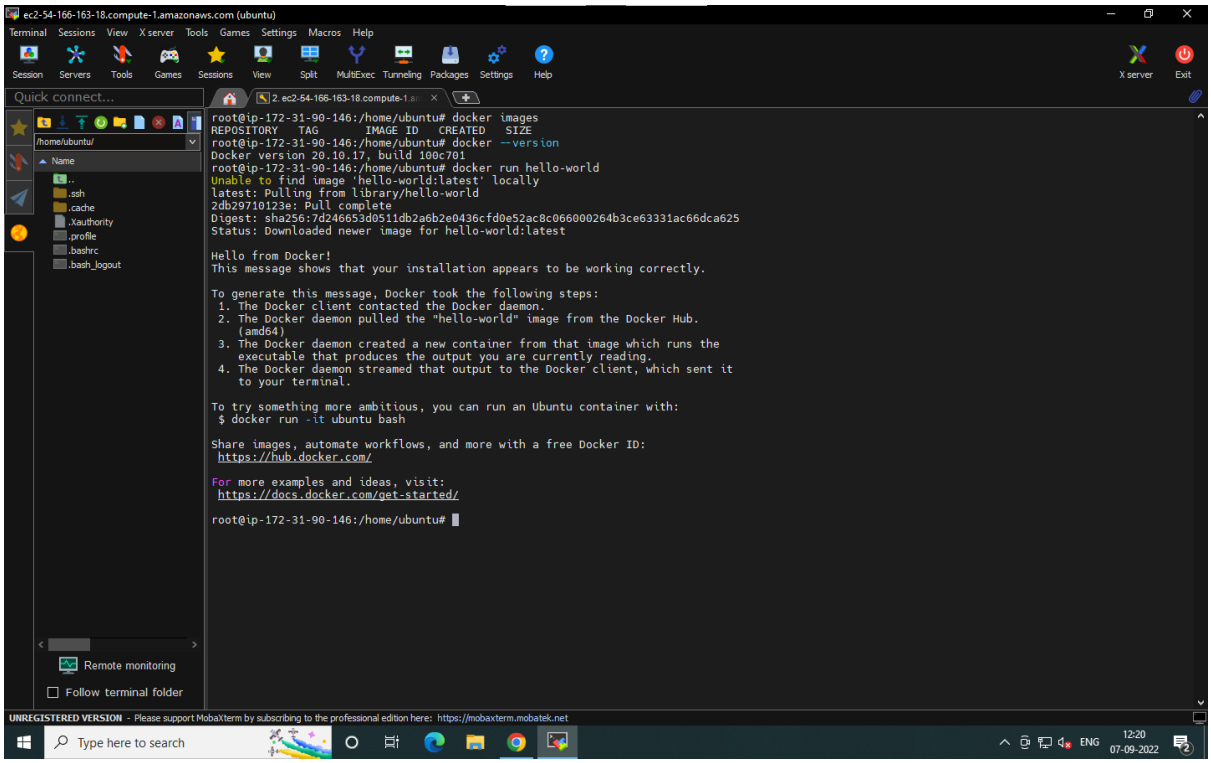
sh get-docker.sh





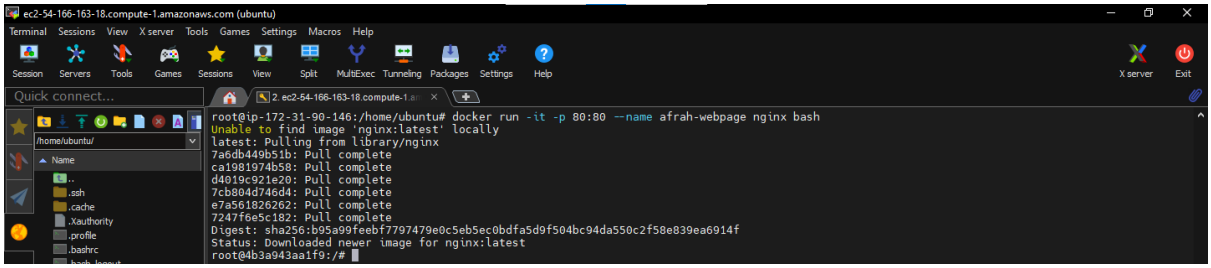
Step 6: Enter command ‘docker –version’ to see current docker version

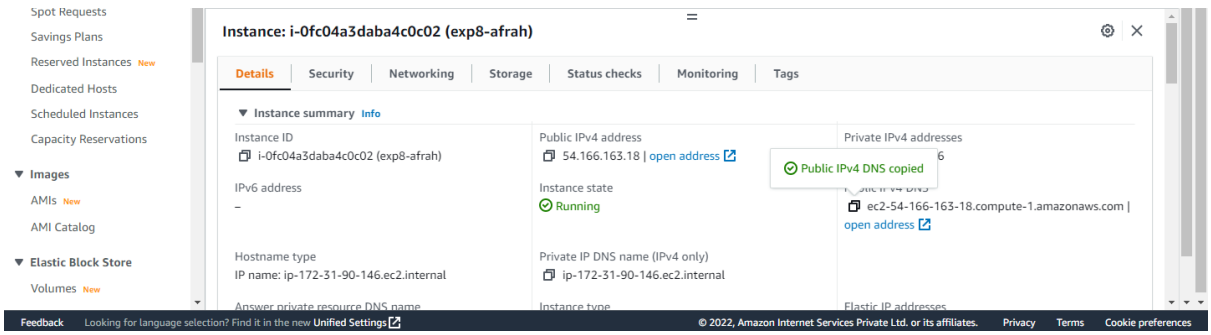
Step 7: Enter command ‘docker images’ to see installed images. At the beginning, there will be no images in the repository. Run command ‘docker run hello-world’ which will pull a hello-world image and run it

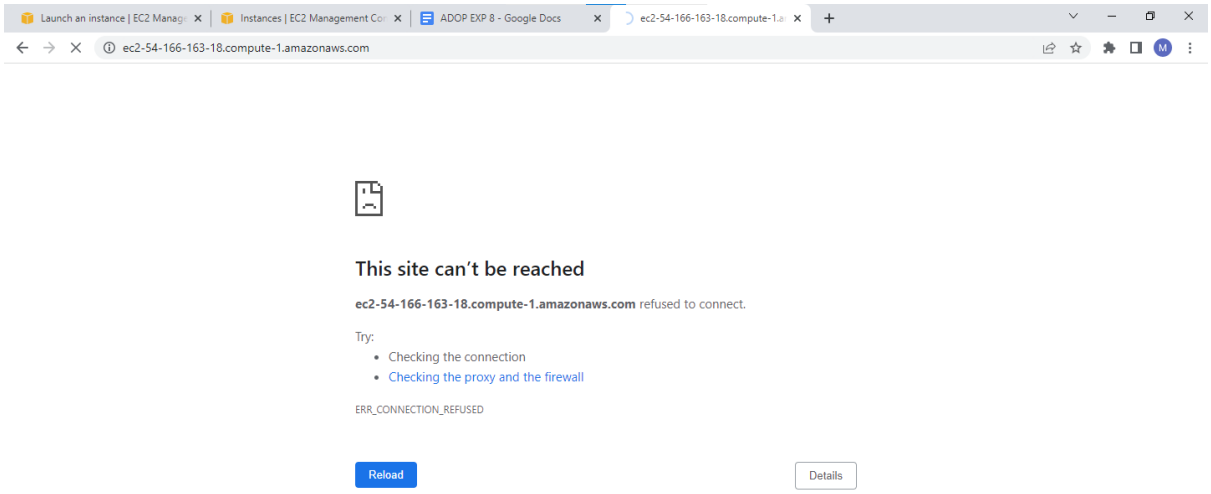


Step 8: Now, run ‘docker images’ again, the repository will have an image named ‘hello world’

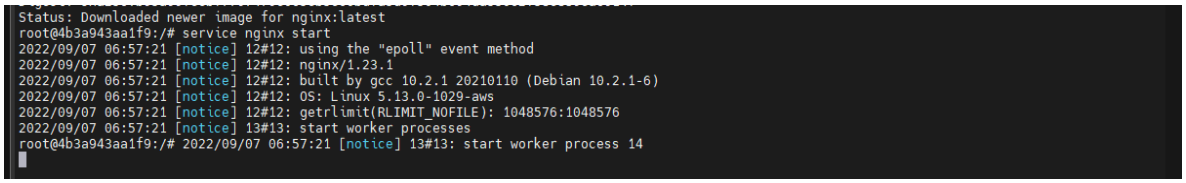
Step 9: Run command ‘docker run -it -p 80:80 --name (name of webpage) nginx bash’. Now, to launch the nginx web server, copy the IPv4 address from the EC2 instance details and paste it into a web browser

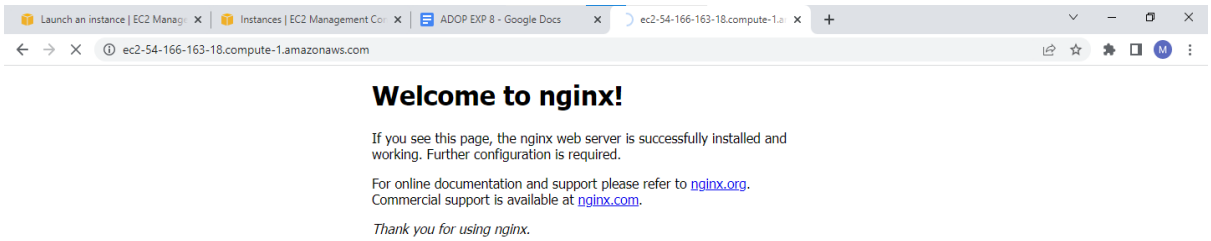




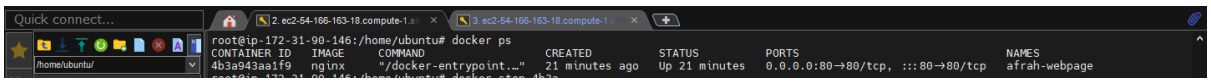


Step 10: Within the container use command 'service nginx start' to deploy the web server. After deploying the web server, the web page will be visible without any errors





Step 11: To exit the container, use ‘CTRL+P+Q’. Create a duplicate tab and take the root user rights. Run commands: ‘docker ps’ ‘docker ps -a’ Also run ‘docker images’ to check the images in the repository



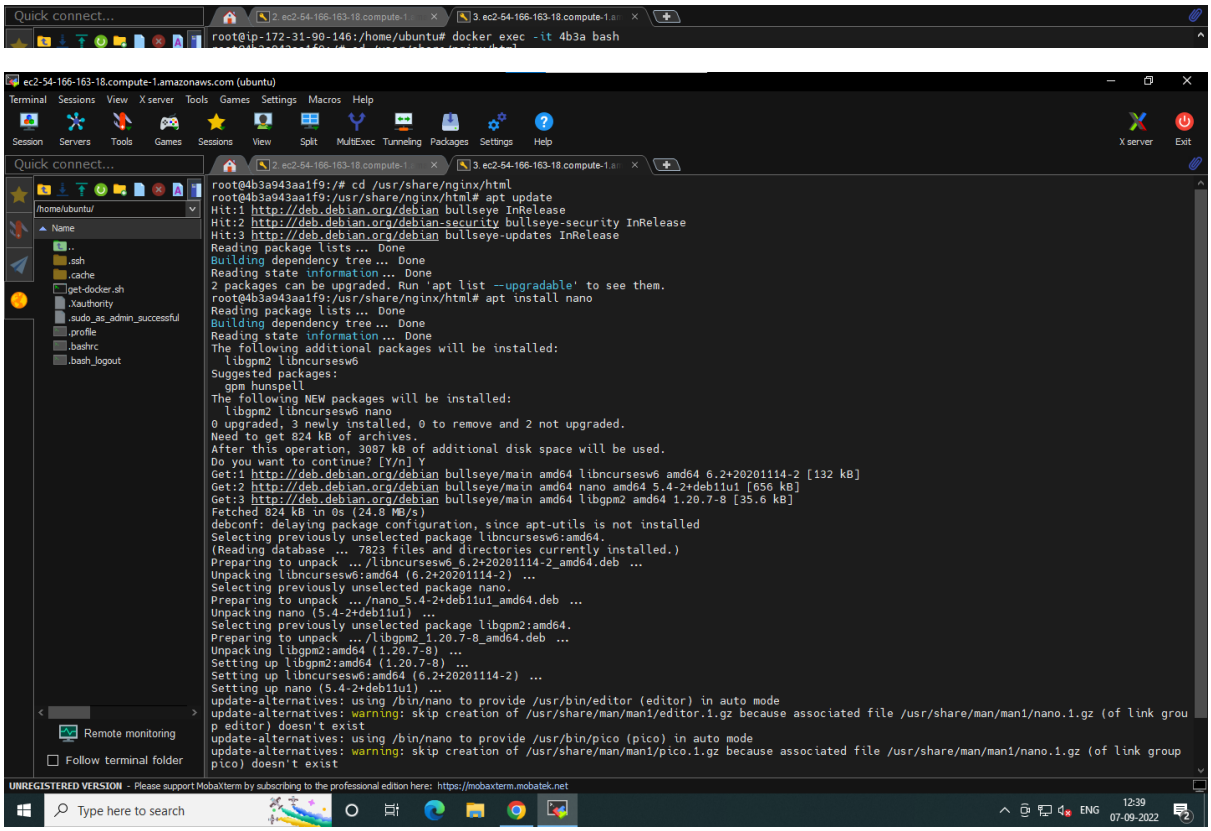
Step 12: To make changes to a file within a container use command

‘docker exec -it (container id) bash’

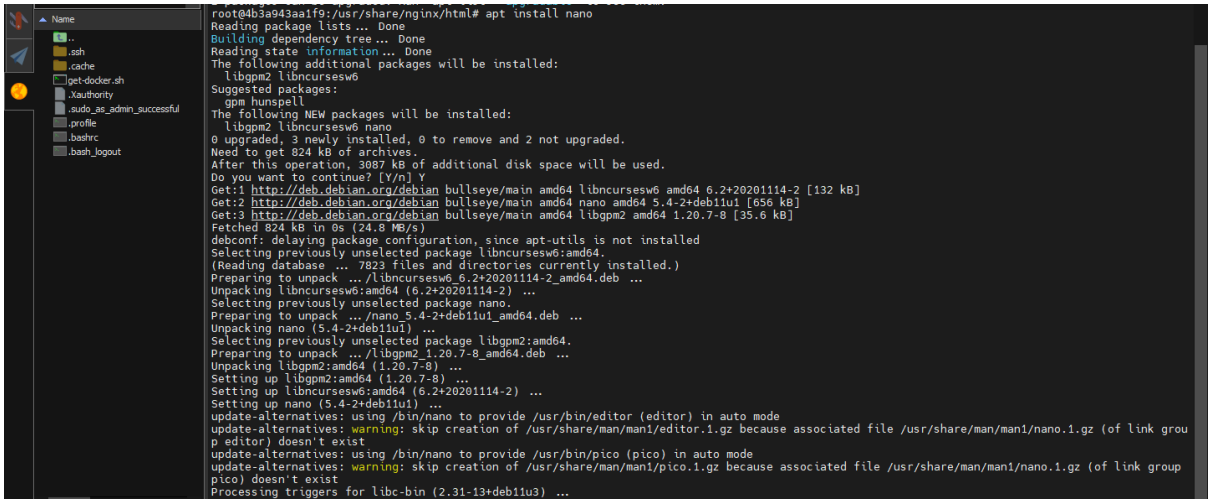
Update the container using command ‘apt update’.

Now within the container navigate to the html directory using command: ‘cd usr/share/nginx/html’

Then update container using command ‘apt update’



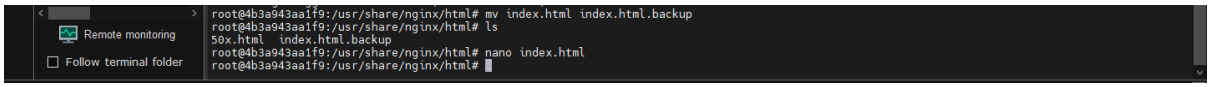
Step 13: Now use command: ‘apt install nano’ to install nano text editor



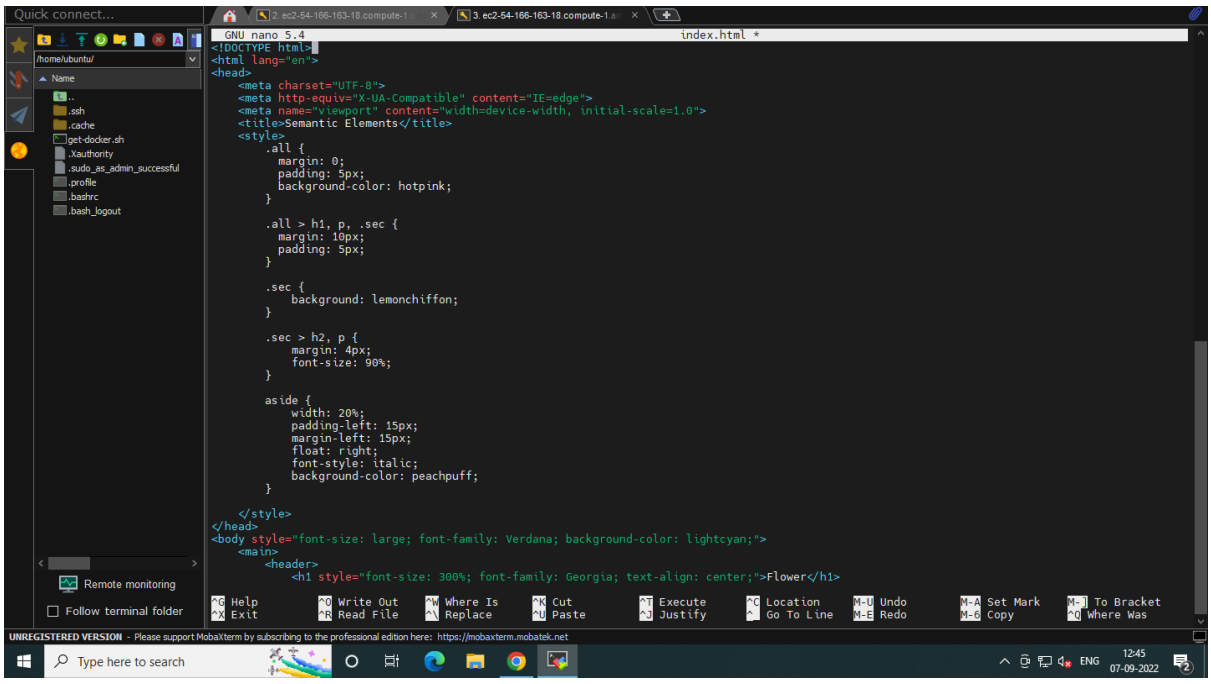
Step 14: Now move the original nginx index as a backup so you can create your own html index file using the command:

‘mv index.html index.html.backup’

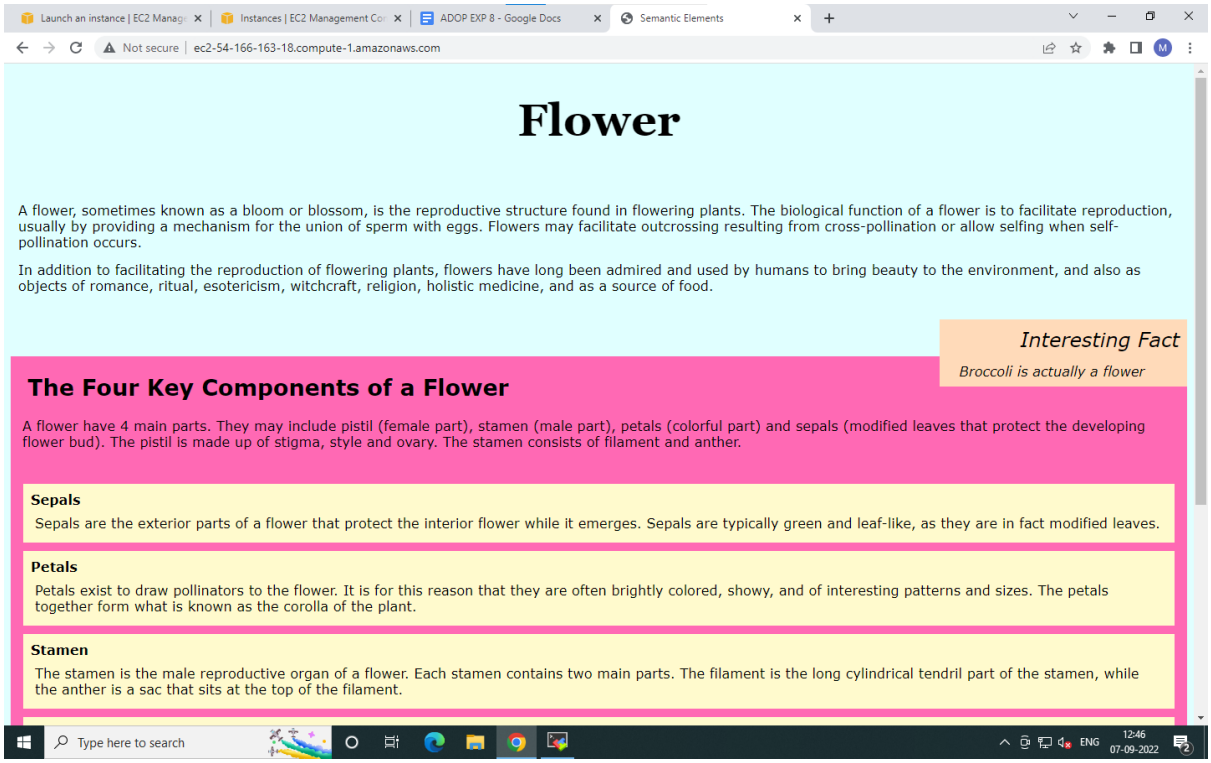
Then, open nano text editor using command: ‘nano index.html’

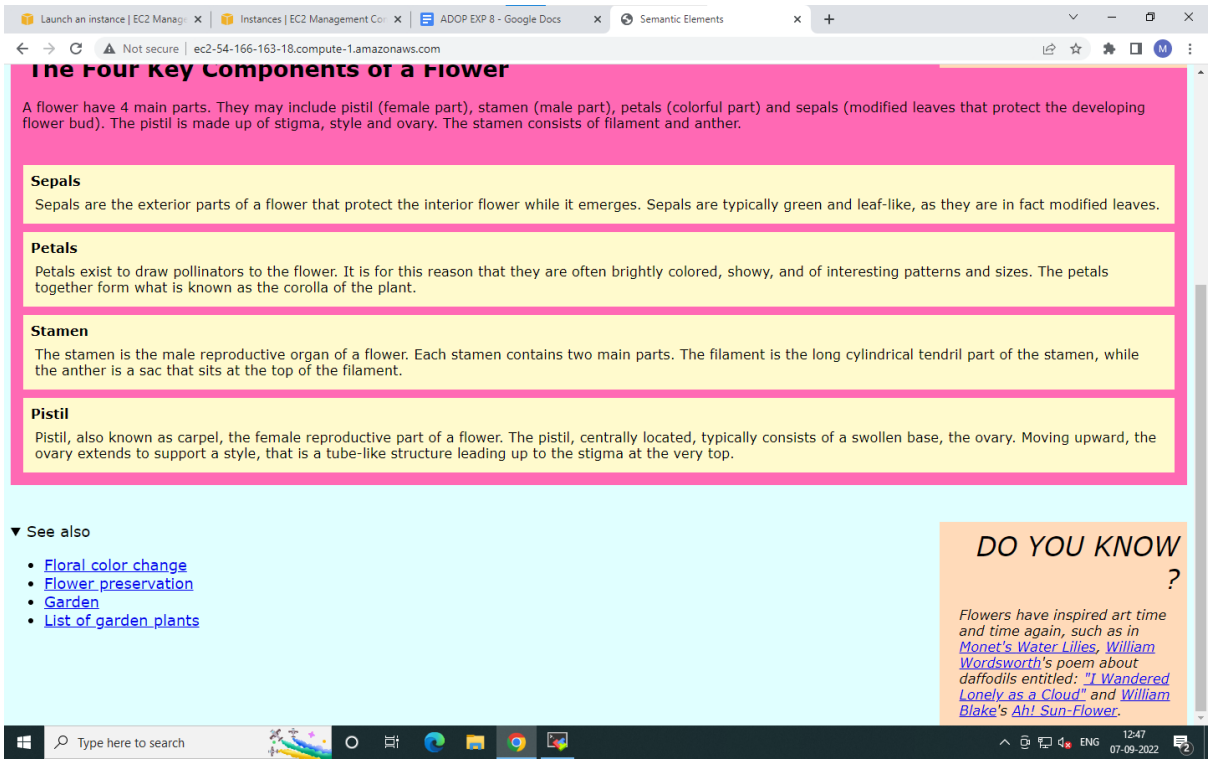


Step 15: Write an html code of your choice -> CTRL+O -> ENTER -> CTRL X. This will save the code



Step 16: Again, refresh the nginx web browser, it will be updated with the new changes





Step 17: Create another duplicate tab and get the root user access.

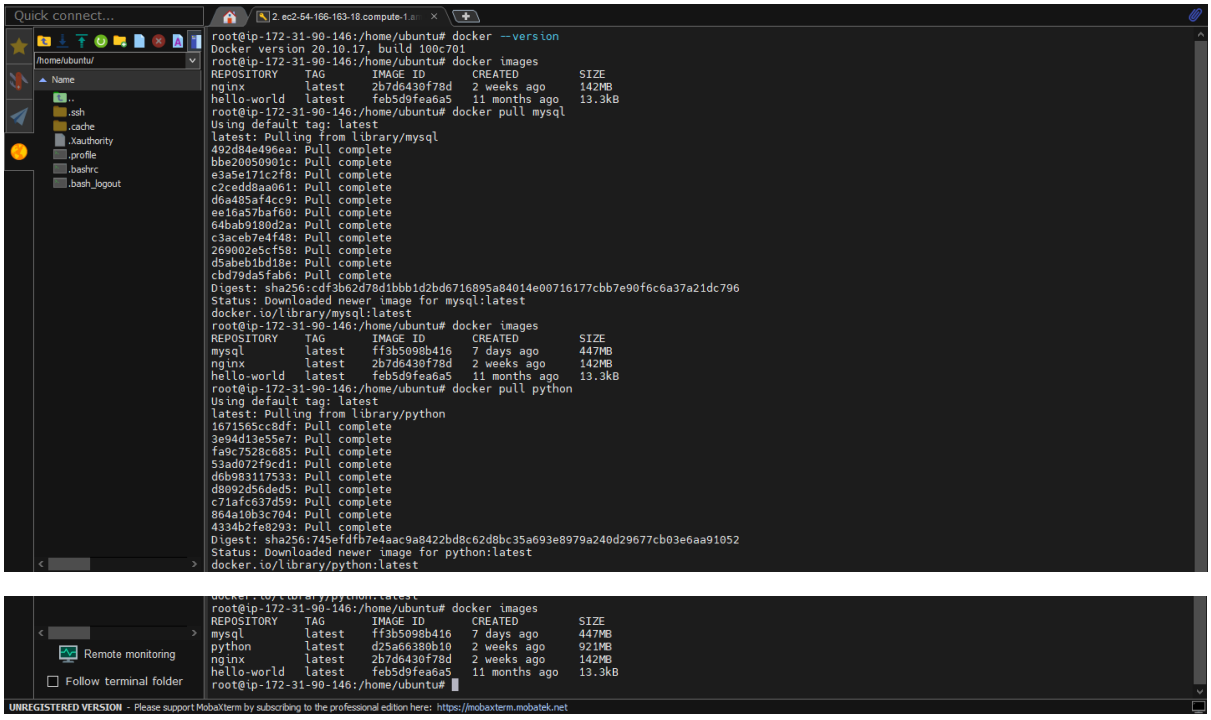
Run the command: ‘docker pull mysql’ to install a mysql image.

Then, run ‘docker images’ to check the image upload in the repository.

Subsequently, run commands such as

‘docker pull python’

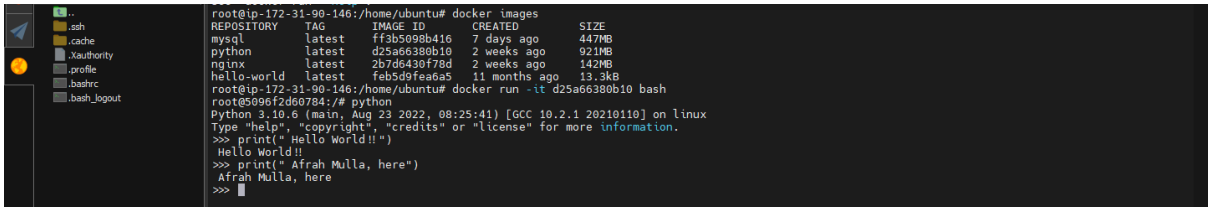
to install the respective images. Check the repository for the upload



Step 18: Now, to enter the python container use command:

‘docker run -it (image id) bash’ and type ‘python’ to enter the shell

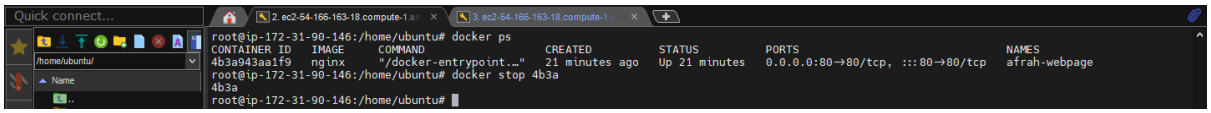
Execute any command using python syntax such as -> print("Hello World")

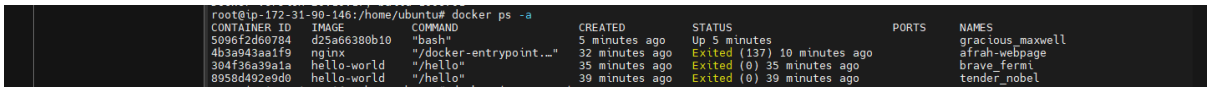


Step 19: Run the command ‘docker ps’ to check the number of containers and their ID’s.

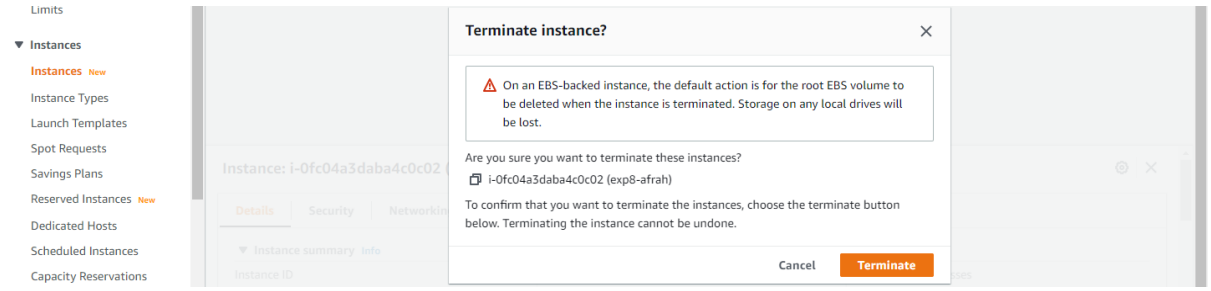
To stop a container use command: ‘docker stop (container id)’

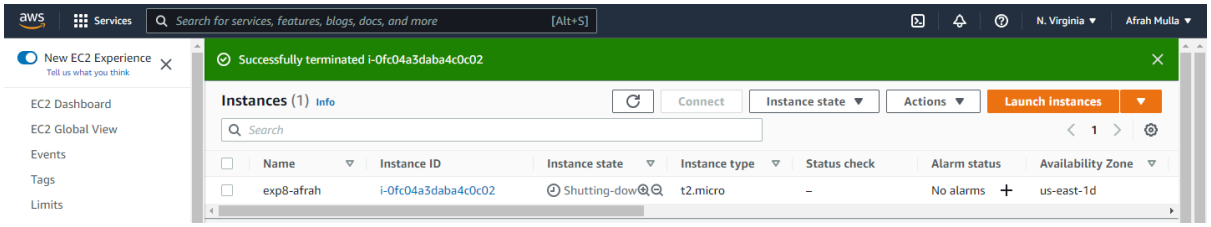
You can use the command ‘docker ps -a’ to check the status of the container

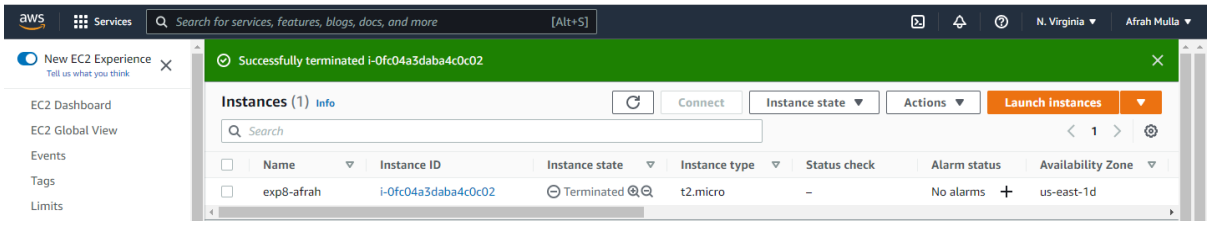




Step 20: Quit MobaXterm and then delete your EC2 instance

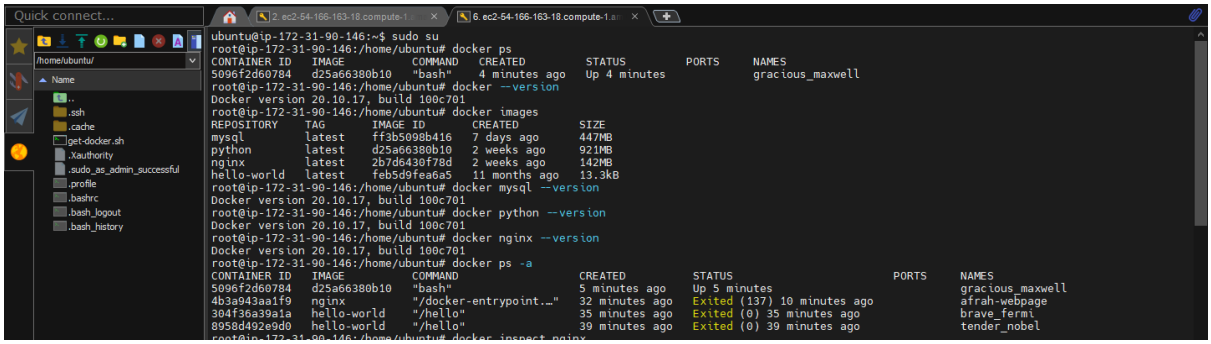


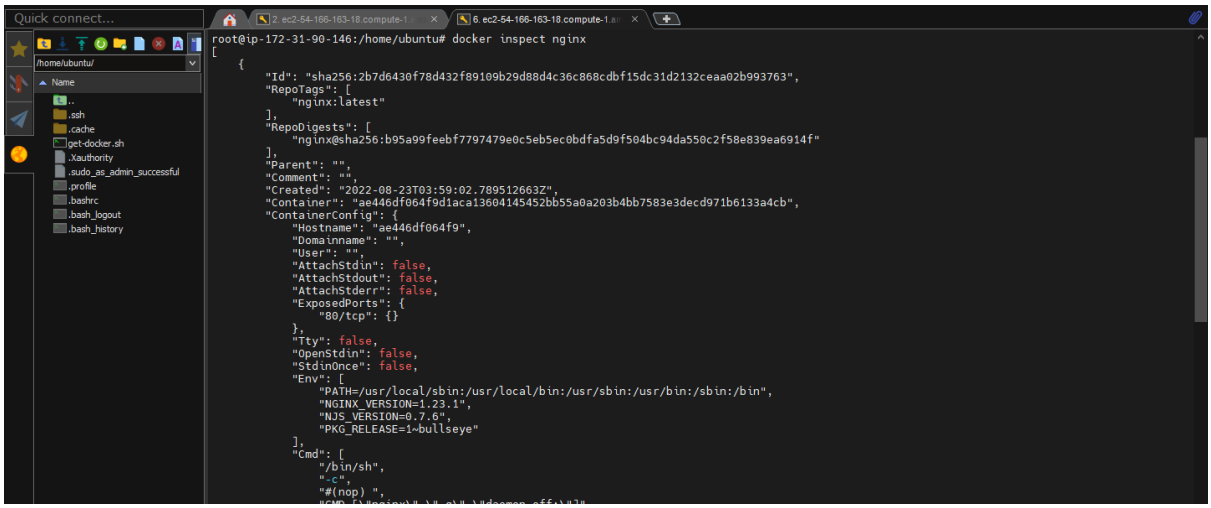


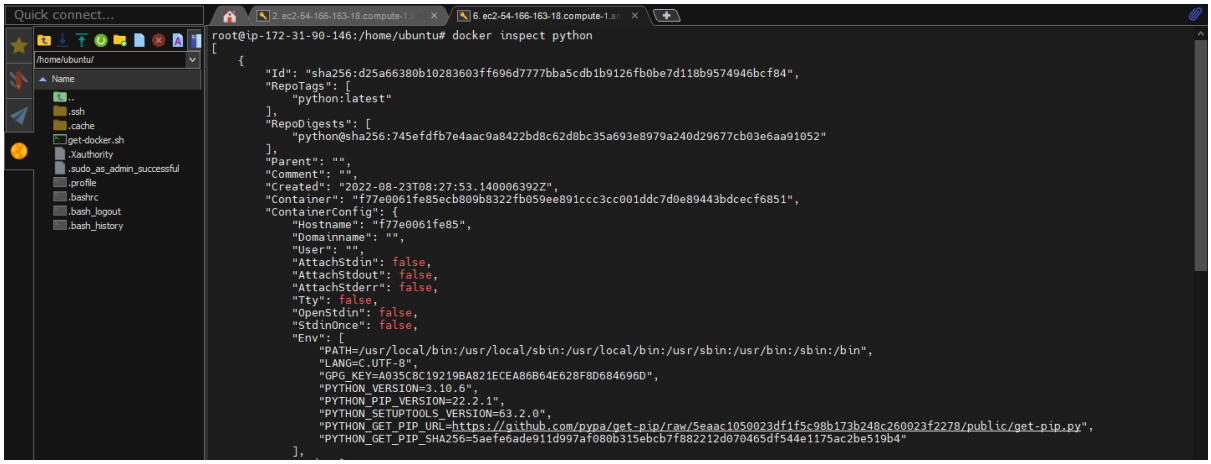


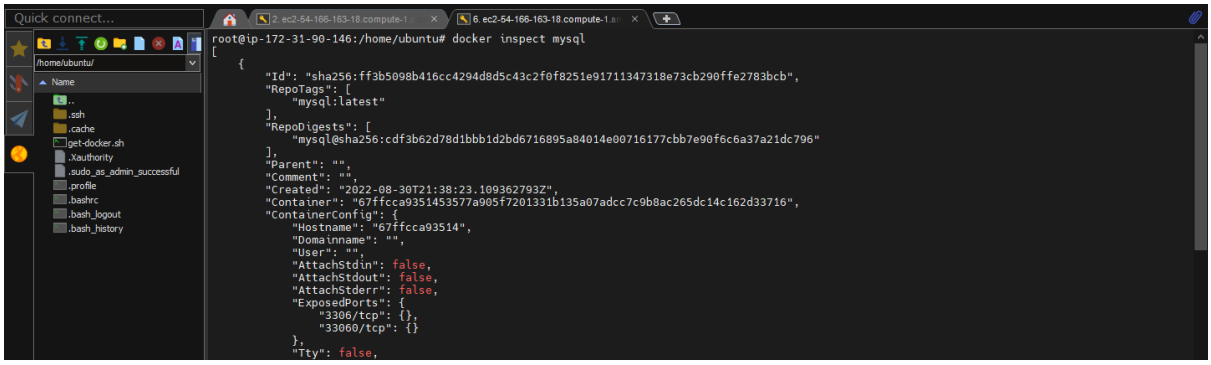
6. Demonstrate any 15 docker command and explain its uses.

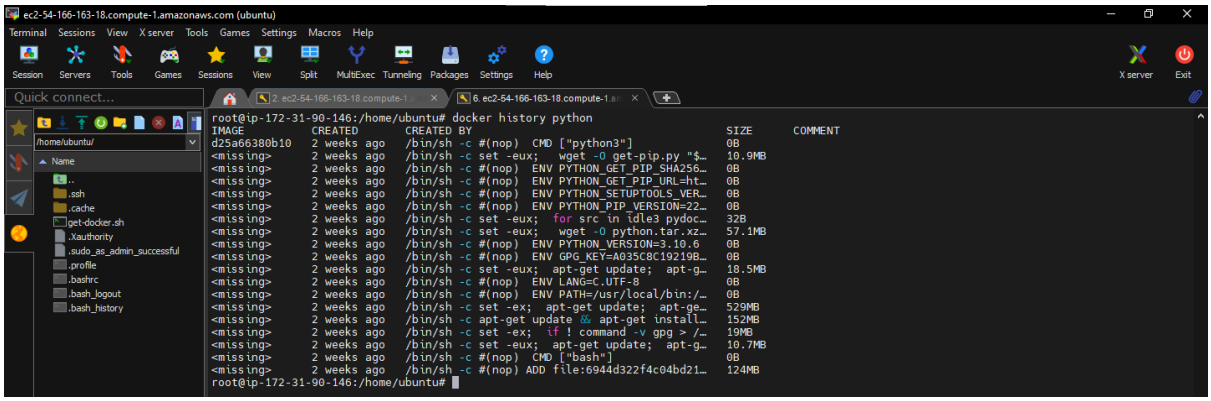
Docker command	Uses
docker --version	This command is used to get the currently installed version of docker
docker <image name> --version	This command is used to get the currently installed version of images in docker
docker login	This command is used to login to the docker hub repository
docker logout	This command is used to logout from the docker hub repository
docker ps	This command is used to list the running containers
docker ps -a	This command is used to show all the running and exited containers
docker pull <image name>	This command is used to pull images from the docker repository (hub.docker.com)
docker images	This command lists all the locally stored docker images
docker exec -it <container_id> bash	This command is used to access the running container
docker run -it <image_id> bash	This command is used to create a container from an image
docker inspect <image name>	This command is used to display detailed information
docker history <image name>	This command is used to show the history of an image
docker rm <container_id>	This command is used to delete a stopped container
docker rmi <image_id>	This command is used to delete an image from local storage
docker stop <container_id>	This command stops a running container and let it shutdown gracefully
docker kill <container_id>	This command kills the container by stopping its execution immediately

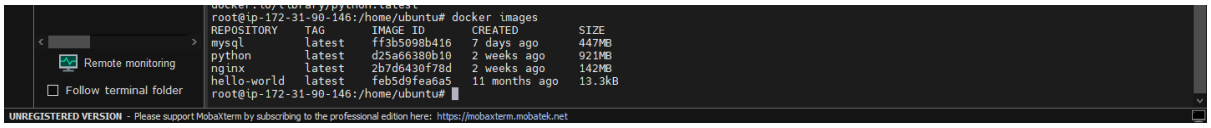

Quick connect...
/home/ubuntu/
Name
..
.ssh
.cache
get-docker.sh
.Xauthority
.sudo_as_admin_successful
.profile
.bashrc
.bash_logout
.bash_history
ubuntu@ip-172-31-90-146:~$ sudo su
root@ip-172-31-90-146:/home/ubuntu# docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
5096f2d60784 d25a66380b10 "bash" 4 minutes ago Up 4 minutes gracious_maxwell
root@ip-172-31-90-146:/home/ubuntu# docker --version
Docker version 20.10.17, build 100c701
root@ip-172-31-90-146:/home/ubuntu# docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
mysql latest ff3b5098b416 7 days ago 447MB
python latest d25a66380b10 2 weeks ago 921MB
nginx latest 2b7d6430f78d 2 weeks ago 142MB
hello-world latest feb5d9fea6a5 11 months ago 13.3kB
root@ip-172-31-90-146:/home/ubuntu# docker mysql --version
Docker version 20.10.17, build 100c701
root@ip-172-31-90-146:/home/ubuntu# docker python --version
Docker version 20.10.17, build 100c701
root@ip-172-31-90-146:/home/ubuntu# docker nginx --version
Docker version 20.10.17, build 100c701
root@ip-172-31-90-146:/home/ubuntu# docker ps -a
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
5096f2d60784 d25a66380b10 "bash" 5 minutes ago Up 5 minutes gracious_maxwell
4b3a943aa1f9 nginx "/docker-entrypoint.…" 32 minutes ago Exited (137) 10 minutes ago afrah-webpage
304f36a39a1a hello-world "/hello" 35 minutes ago Exited (0) 35 minutes ago brave_fermi
8958d492e9d0 hello-world "/hello" 39 minutes ago Exited (0) 39 minutes ago tender_nobel

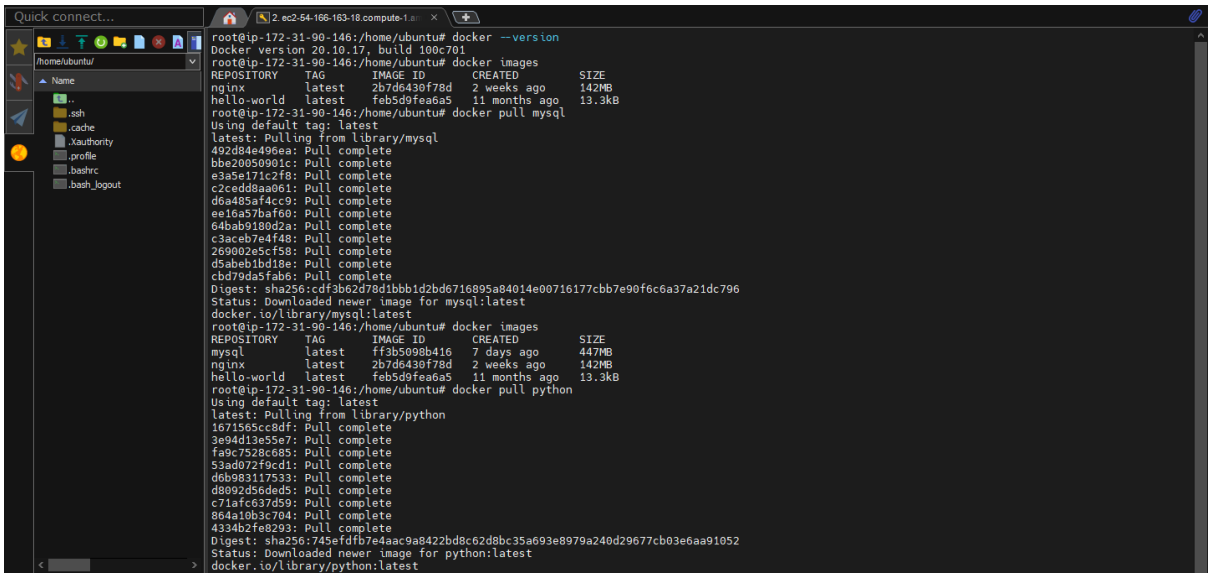

Quick connect...
/home/ubuntu/
Name
..
.ssh
.cache
get-docker.sh
.Xauthority
.sudo_as_admin_successful
.profile
.bashrc
.bash_logout
.bash_history
root@ip-172-31-90-146:/home/ubuntu# docker inspect nginx
[
{
"Id": "sha256:2b7d6430f78d432f89109b29d88d4c36c868cdbf15dc31d2132ceaa02b993763",
"RepoTags": [
"nginx:latest"
],
"RepoDigests": [
"nginx@sha256:b95a99feebf7797479e0c5eb5ec0bdfa5d9f504bc94da550c2f58e839ea6914f"
],
"Parent": "",
"Comment": "",
"Created": "2022-08-23T03:59:02.789512663Z",
"Container": "ae446df064f9d1aca13604145452bb55a0a203b4bb7583e3decd971b6133a4cb",
"ContainerConfig": {
"Hostname": "ae446df064f9",
"Domainname": "",
"User": "",
"AttachStdin": false,
"AttachStdout": false,
"AttachStderr": false,
"ExposedPorts": {
"80/tcp": {}
},
"Tty": false,
"OpenStdin": false,
"StdinOnce": false,
"Env": [
"PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin",
"NGINX_VERSION=1.23.1",
"NJS_VERSION=0.7.6",
"PKG_RELEASE=1~bullseye"
],
"Cmd": [
"/bin/sh",
"-c",
"#(nop) ",


Quick connect...
/home/ubuntu/
Name
..
.ssh
.cache
get-docker.sh
.Xauthority
.sudo_as_admin_successful
.profile
.bashrc
.bash_logout
.bash_history
root@ip-172-31-90-146:/home/ubuntu# docker inspect python
[
{
"Id": "sha256:d25a66380b10283603ff696d7777bba5cdb1b9126fb0be7d118b9574946bcf84",
"RepoTags": [
"python:latest"
],
"RepoDigests": [
"python@sha256:745efdfb7e4aac9a8422bd8c62d8bc35a693e8979a240d29677cb03e6aa91052"
],
"Parent": "",
"Comment": "",
"Created": "2022-08-23T08:27:53.140006392Z",
"Container": "f77e0061fe85ecb809b8322fb059ee891ccc3cc001ddc7d0e89443bdcecf6851",
"ContainerConfig": {
"Hostname": "f77e0061fe85",
"Domainname": "",
"User": "",
"AttachStdin": false,
"AttachStdout": false,
"AttachStderr": false,
"Tty": false,
"OpenStdin": false,
"StdinOnce": false,
"Env": [
"PATH=/usr/local/bin:/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin",
"LANG=C.UTF-8",
"GPG_KEY=A035C8C19219BA821ECEA86B64E628F8D684696D",
"PYTHON_VERSION=3.10.6",
"PYTHON_PIP_VERSION=22.2.1",
"PYTHON_SETUPTOOLS_VERSION=63.2.0",
"PYTHON_GET_PIP_URL=https://github.com/pypa/get-pip/raw/5eaac1050023df1f5c98b173b248c260023f2278/public/get-pip.py",
"PYTHON_GET_PIP_SHA256=5aefe6ade911d997af080b315ebcb7f882212d070465df544e1175ac2be519b4"
],


Quick connect...
2. ec2-54-166-163-18.compute-1
6. ec2-54-166-163-18.compute-1
/home/ubuntu/
Name
..
.ssh
.cache
get-docker.sh
.Xauthority
.sudo_as_admin_successful
.profile
.bashrc
.bash_logout
.bash_history
root@ip-172-31-90-146:/home/ubuntu# docker inspect mysql
[
{
"Id": "sha256:ff3b5098b416cc4294d8d5c43c2f0f8251e91711347318e73cb290ffe2783bcb",
"RepoTags": [
"mysql:latest"
],
"RepoDigests": [
"mysql@sha256:cdf3b62d78d1bbb1d2bd6716895a84014e00716177cbb7e90f6c6a37a21dc796"
],
"Parent": "",
"Comment": "",
"Created": "2022-08-30T21:38:23.109362793Z",
"Container": "67ffcca9351453577a905f7201331b135a07adcc7c9b8ac265dc14c162d33716",
"ContainerConfig": {
"Hostname": "67ffcca93514",
"Domainname": "",
"User": "",
"AttachStdin": false,
"AttachStdout": false,
"AttachStderr": false,
"ExposedPorts": {
"3306/tcp": {},
"33060/tcp": {}
},
"Tty": false,


ec2-54-166-163-18.compute-1.amazonaws.com (ubuntu)
Terminal Sessions View X server Tools Games Settings Macros Help
Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help
X server Exit
Quick connect...
2. ec2-54-166-163-18.compute-1
6. ec2-54-166-163-18.compute-1
/home/ubuntu/
Name
..
.ssh
.cache
get-docker.sh
.Xauthority
.sudo_as_admin_successful
.profile
.bashrc
.bash_logout
.bash_history
root@ip-172-31-90-146:/home/ubuntu# docker history python
IMAGE CREATED CREATED BY SIZE COMMENT
d25a66380b10 2 weeks ago /bin/sh -c #(nop) CMD ["python3"] 0B
<missing> 2 weeks ago /bin/sh -c set -eux; wget -O get-pip.py "$… 10.9MB
<missing> 2 weeks ago /bin/sh -c #(nop) ENV PYTHON_GET_PIP_SHA256… 0B
<missing> 2 weeks ago /bin/sh -c #(nop) ENV PYTHON_GET_PIP_URL=ht… 0B
<missing> 2 weeks ago /bin/sh -c #(nop) ENV PYTHON_SETUPTOOLS_VER… 0B
<missing> 2 weeks ago /bin/sh -c #(nop) ENV PYTHON_PIP_VERSION=22… 0B
<missing> 2 weeks ago /bin/sh -c set -eux; for src in idle3 pydoc… 32B
<missing> 2 weeks ago /bin/sh -c set -eux; wget -O python.tar.xz… 57.1MB
<missing> 2 weeks ago /bin/sh -c #(nop) ENV PYTHON_VERSION=3.10.6 0B
<missing> 2 weeks ago /bin/sh -c #(nop) ENV GPG_KEY=A035C8C19219B… 0B
<missing> 2 weeks ago /bin/sh -c set -eux; apt-get update; apt-g… 18.5MB
<missing> 2 weeks ago /bin/sh -c #(nop) ENV LANG=C.UTF-8 0B
<missing> 2 weeks ago /bin/sh -c #(nop) ENV PATH=/usr/local/bin:/… 0B
<missing> 2 weeks ago /bin/sh -c set -ex; apt-get update; apt-ge… 529MB
<missing> 2 weeks ago /bin/sh -c apt-get update && apt-get install… 152MB
<missing> 2 weeks ago /bin/sh -c set -ex; if ! command -v gpg > /… 19MB
<missing> 2 weeks ago /bin/sh -c set -eux; apt-get update; apt-g… 10.7MB
<missing> 2 weeks ago /bin/sh -c #(nop) CMD ["bash"] 0B
<missing> 2 weeks ago /bin/sh -c #(nop) ADD file:6944d322f4c04bd21… 124MB
root@ip-172-31-90-146:/home/ubuntu#


root@ip-172-31-90-146:/home/ubuntu# docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
mysql latest ff3b5098b416 7 days ago 447MB
python latest d25a66380b10 2 weeks ago 921MB
nginx latest 2b7d6430f78d 2 weeks ago 142MB
hello-world latest feb5d9fea6a5 11 months ago 13.3kB
root@ip-172-31-90-146:/home/ubuntu#
Remote monitoring
Follow terminal folder
UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: https://mobaxterm.mobatek.net


Quick connect...
2. ec2-54-166-163-18.compute-1
/home/ubuntu/
Name
..
.ssh
.cache
.Xauthority
.profile
.bashrc
.bash_logout
root@ip-172-31-90-146:/home/ubuntu# docker --version
Docker version 20.10.17, build 100c701
root@ip-172-31-90-146:/home/ubuntu# docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
nginx latest 2b7d6430f78d 2 weeks ago 142MB
hello-world latest feb5d9fea6a5 11 months ago 13.3kB
root@ip-172-31-90-146:/home/ubuntu# docker pull mysql
Using default tag: latest
latest: Pulling from library/mysql
492d84e496ea: Pull complete
bbe2005090c1c: Pull complete
e3a5e171c2f8: Pull complete
c2cedd8aa061: Pull complete
d6a485af4cc9: Pull complete
ee16a57baf60: Pull complete
64bab9180d2a: Pull complete
c3aceb7e4f48: Pull complete
269002e5cf58: Pull complete
d5abeb1bd18e: Pull complete
cbd79da5fab6: Pull complete
Digest: sha256:cdf3b62d78d1bbb1d2bd6716895a84014e00716177cbb7e90f6c6a37a21dc796
Status: Downloaded newer image for mysql:latest
docker.io/library/mysql:latest
root@ip-172-31-90-146:/home/ubuntu# docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
mysql latest ff3b5098b416 7 days ago 447MB
nginx latest 2b7d6430f78d 2 weeks ago 142MB
hello-world latest feb5d9fea6a5 11 months ago 13.3kB
root@ip-172-31-90-146:/home/ubuntu# docker pull python
Using default tag: latest
latest: Pulling from library/python
1671565cc8df: Pull complete
3e94d13e55e7: Pull complete
fa9c7528c685: Pull complete
53ad072f9cd1: Pull complete
d6b983117533: Pull complete
d8092d56ded5: Pull complete
c71afc637d59: Pull complete
864a10b3c704: Pull complete
4334b2fe8293: Pull complete
Digest: sha256:745effdfb7e4aac9a8422bd8c62d8bc35a693e8979a240d29677cb03e6aa91052
Status: Downloaded newer image for python:latest
docker.io/library/python:latest