APTIMITHRA – ETHNUS

“FACE DETECTION APPLICATION USING AWS”

Name : Valliammai.M

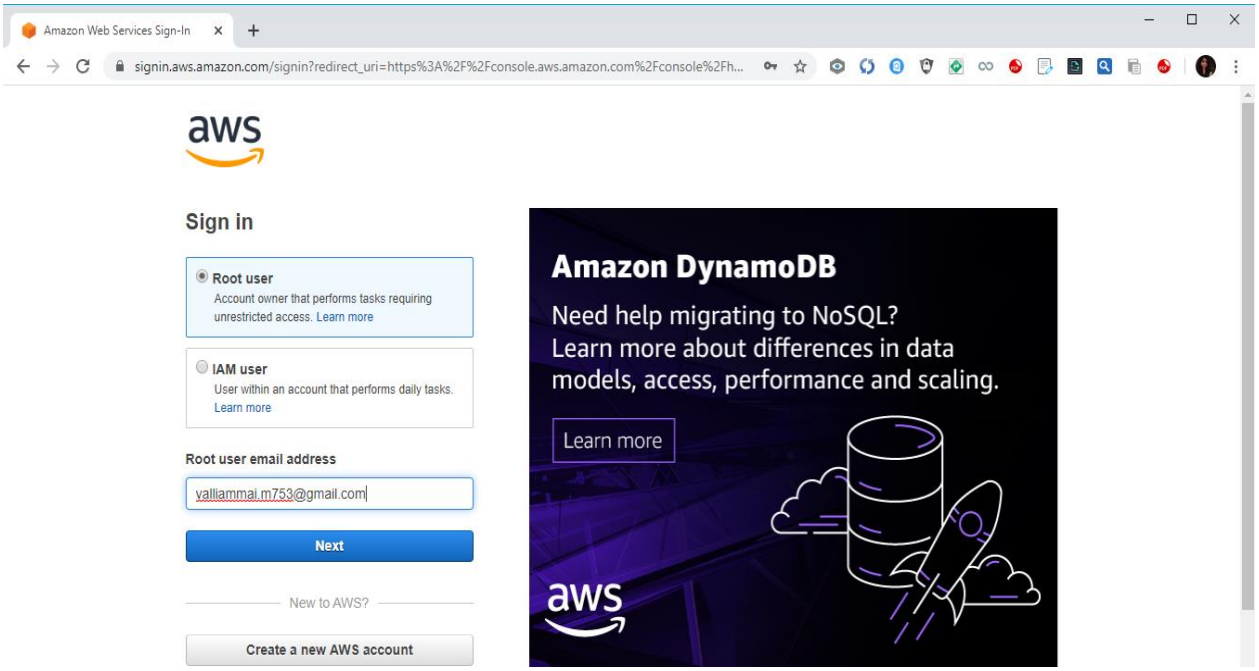
Reg No : 16MIS0488

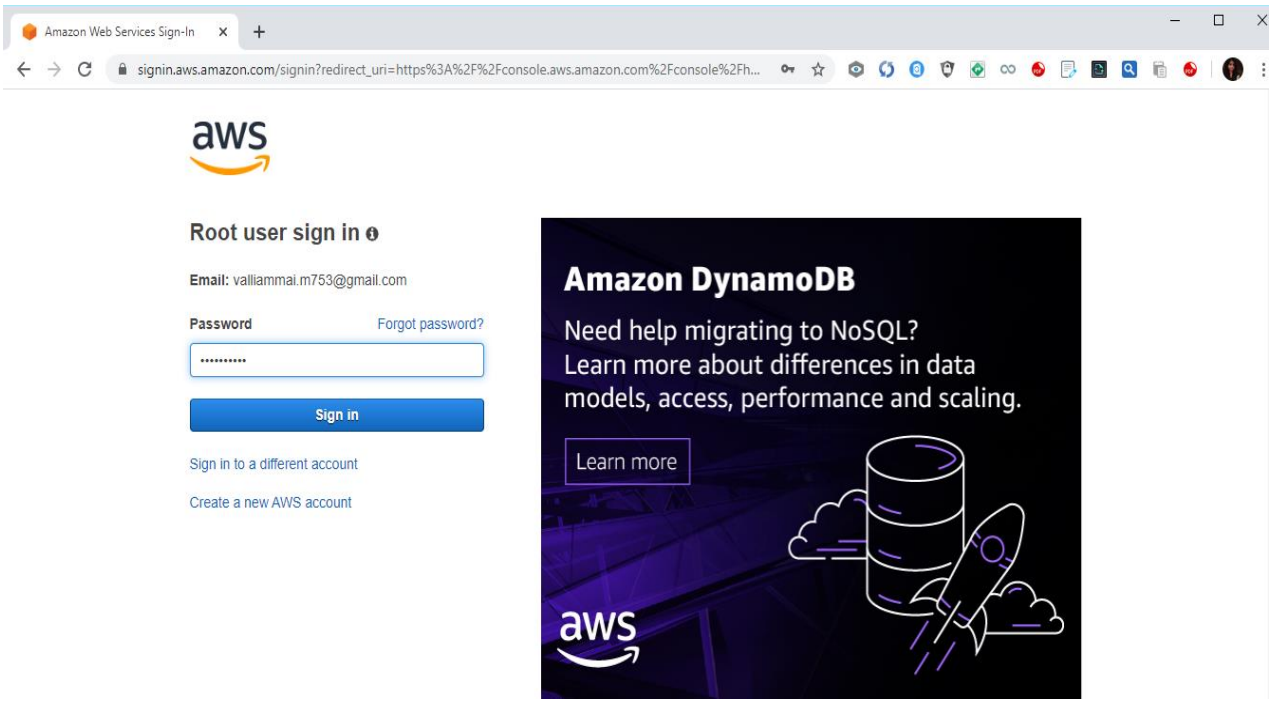
College Name : Vellore Institute of Technology, Vellore

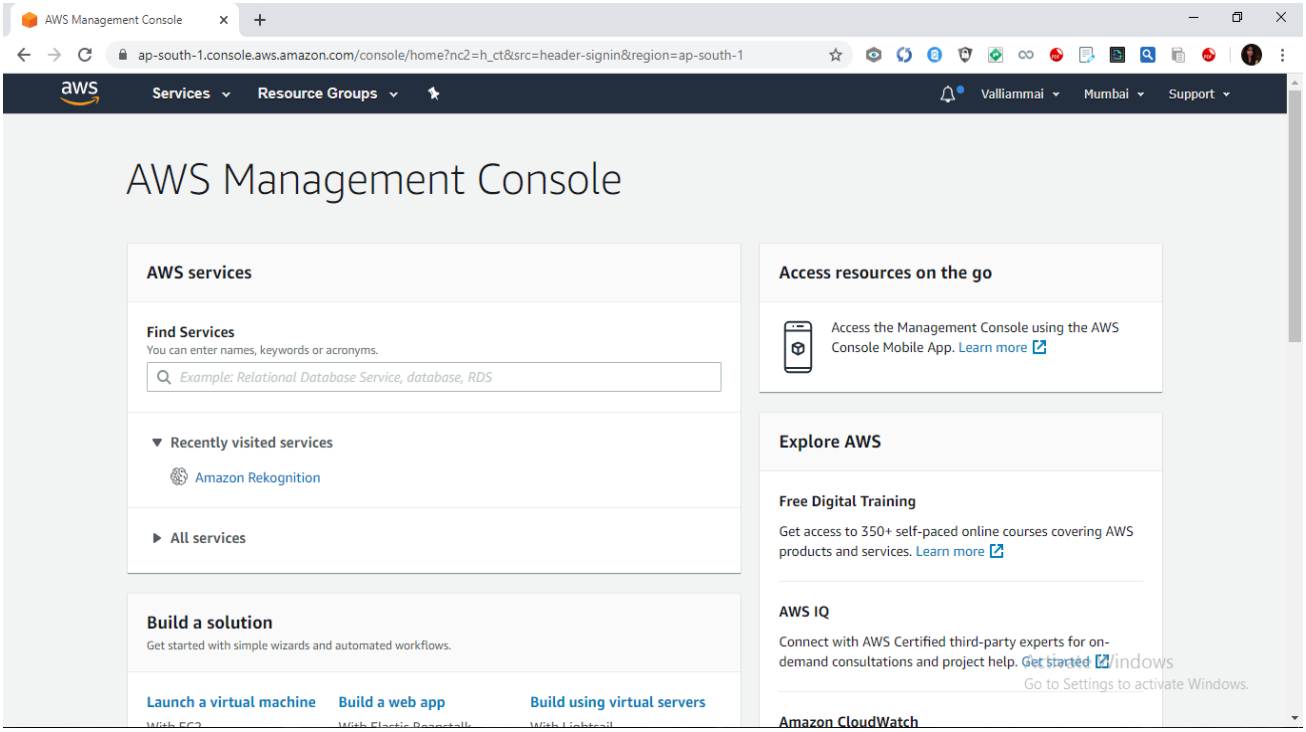
Course : M.Tech(SE)

SCREENSHOTS:-

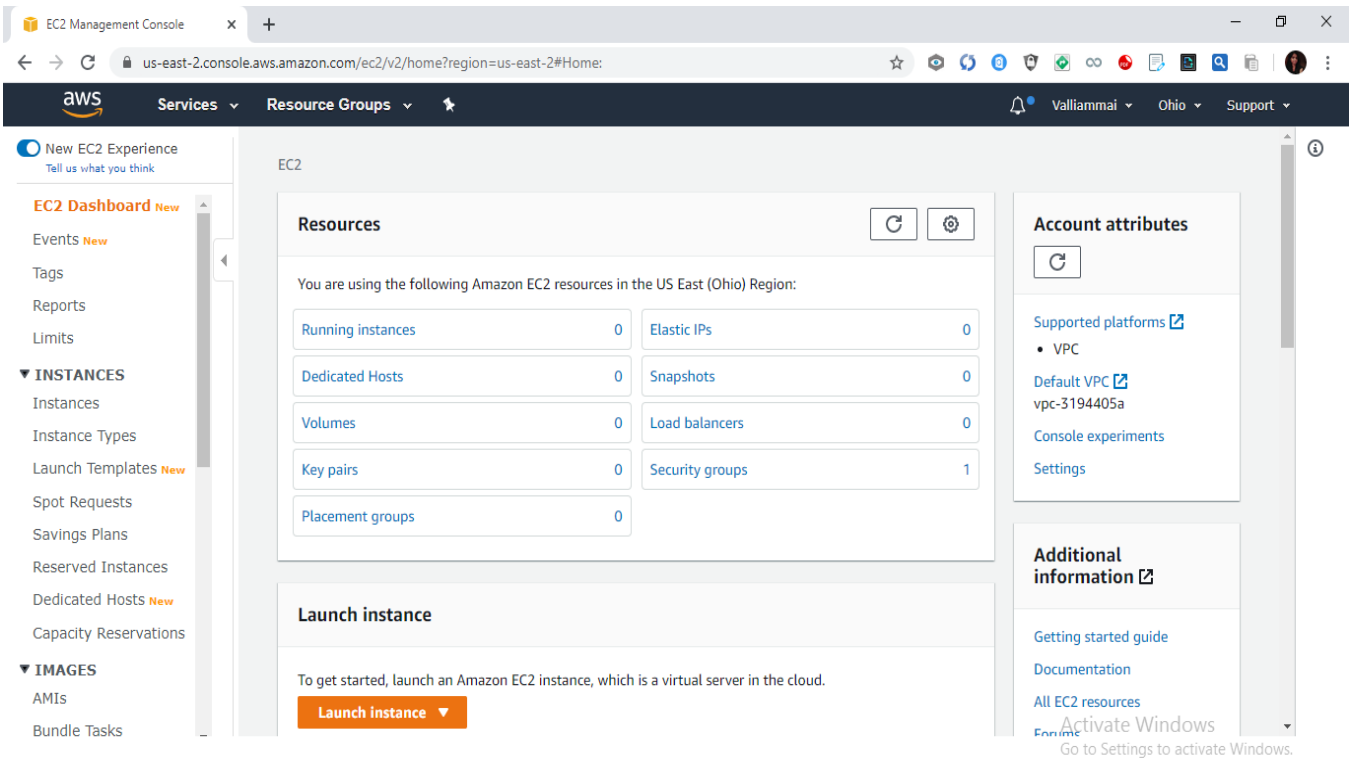
1)AWS LOGIN SCREEN WITH USER NAME:

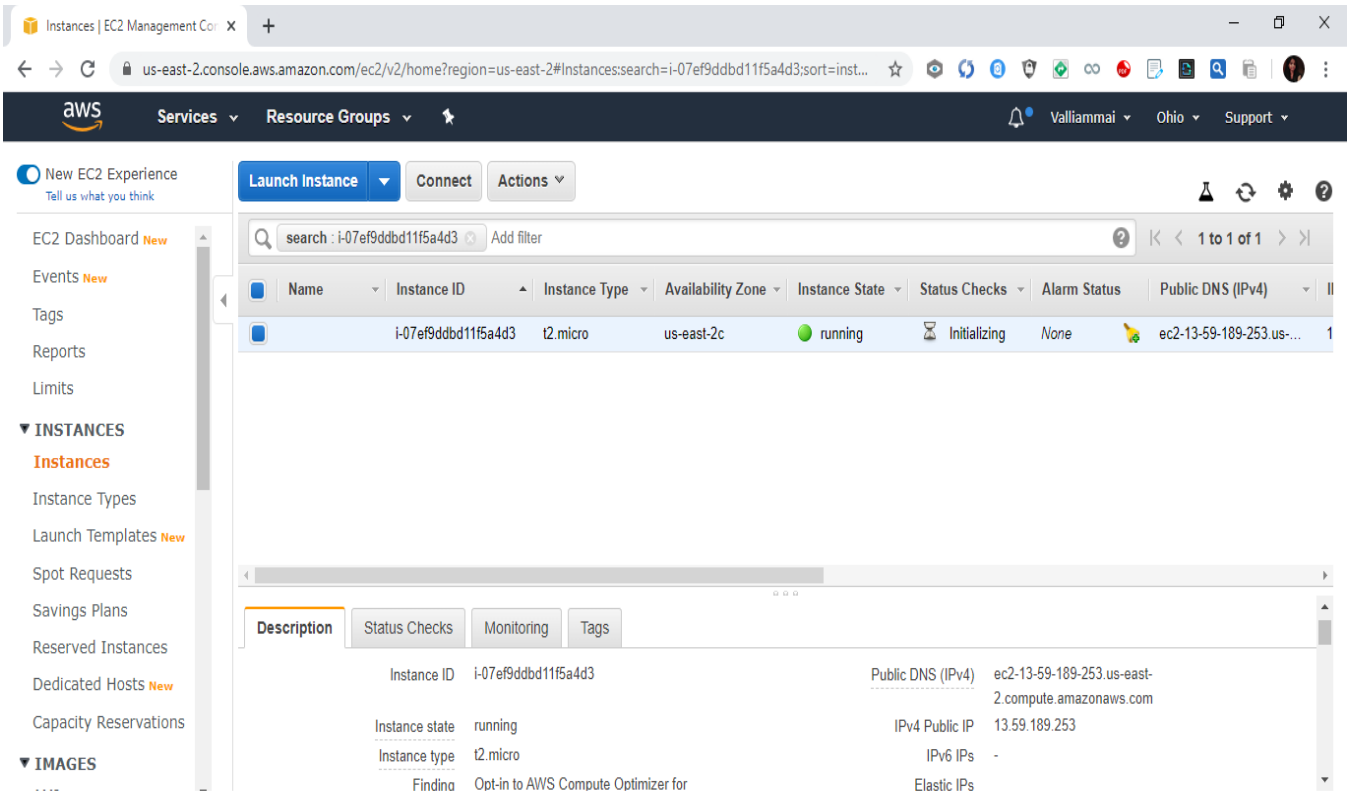




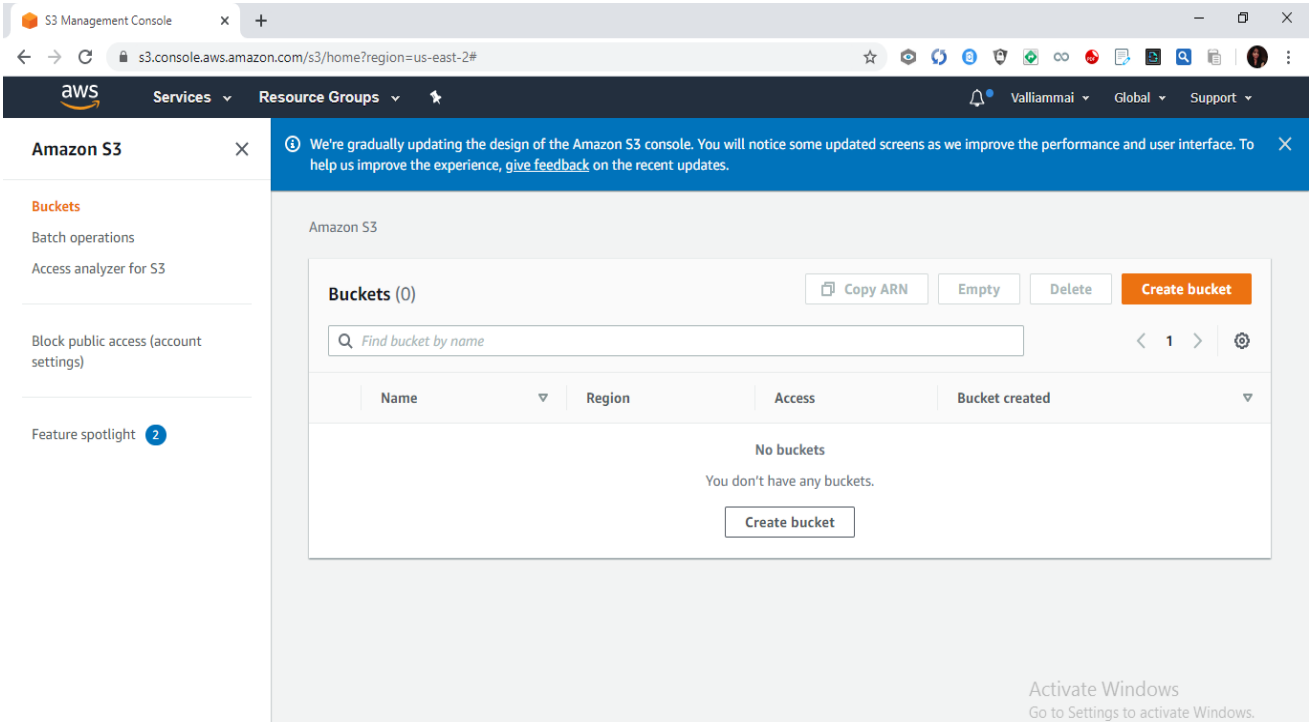


2)EC2 DASHBOARD:

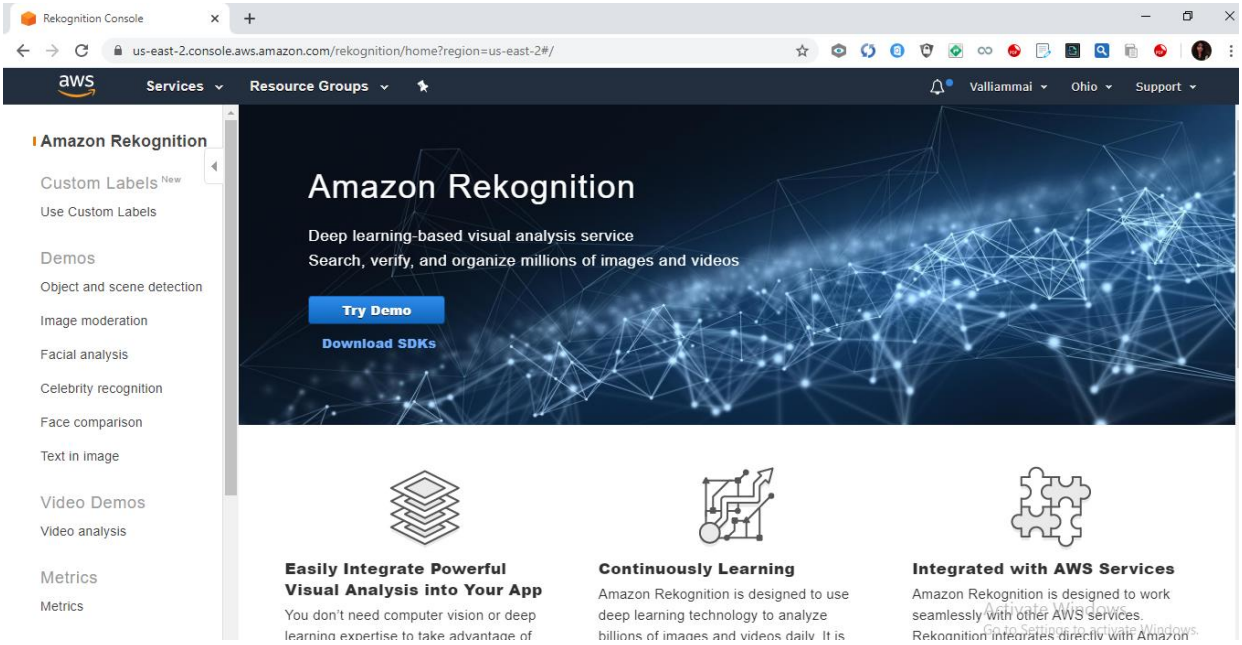




3)S3 DASHBOARD

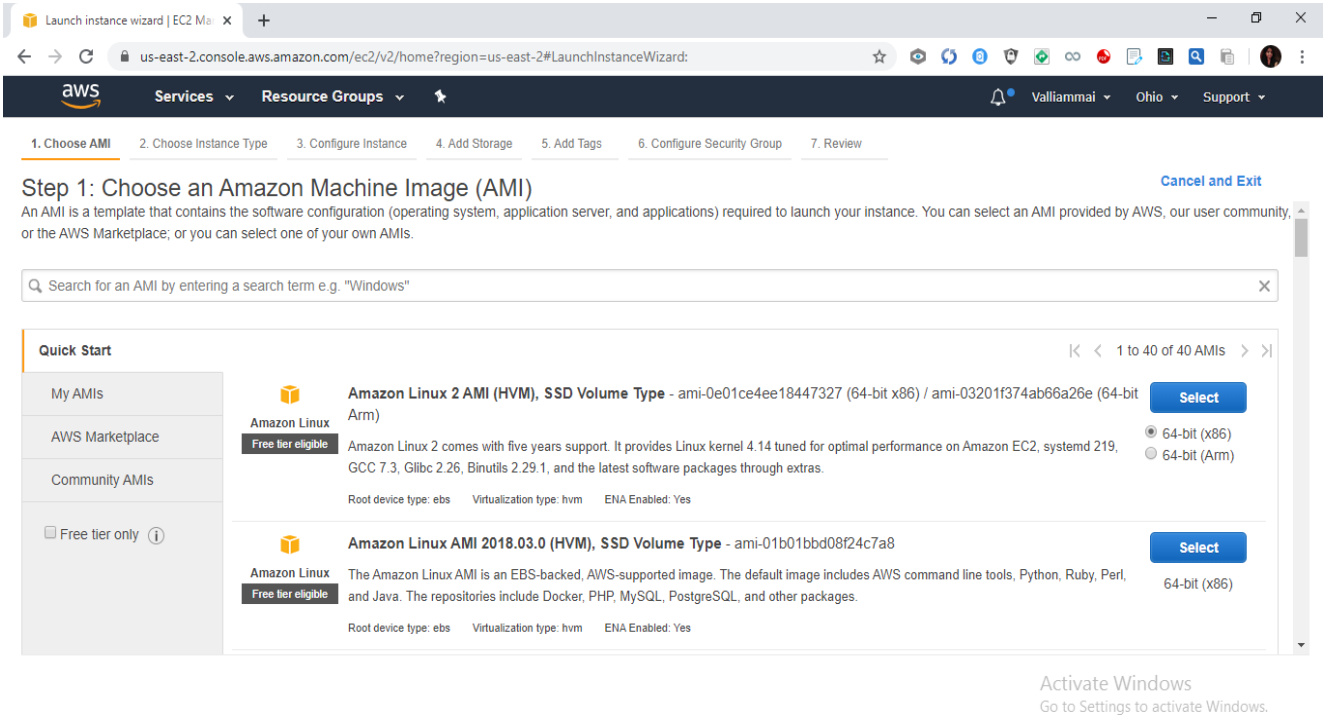


4)REKOGNITION DASHBOARD:-

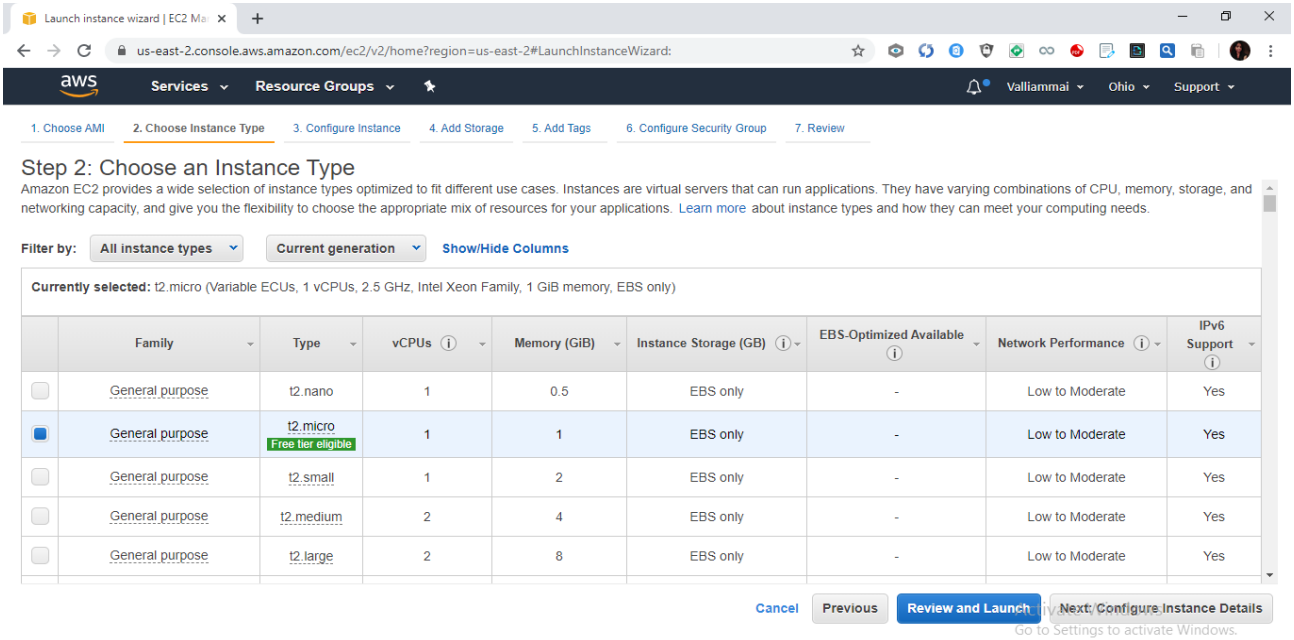


Screenshots needed for EC2

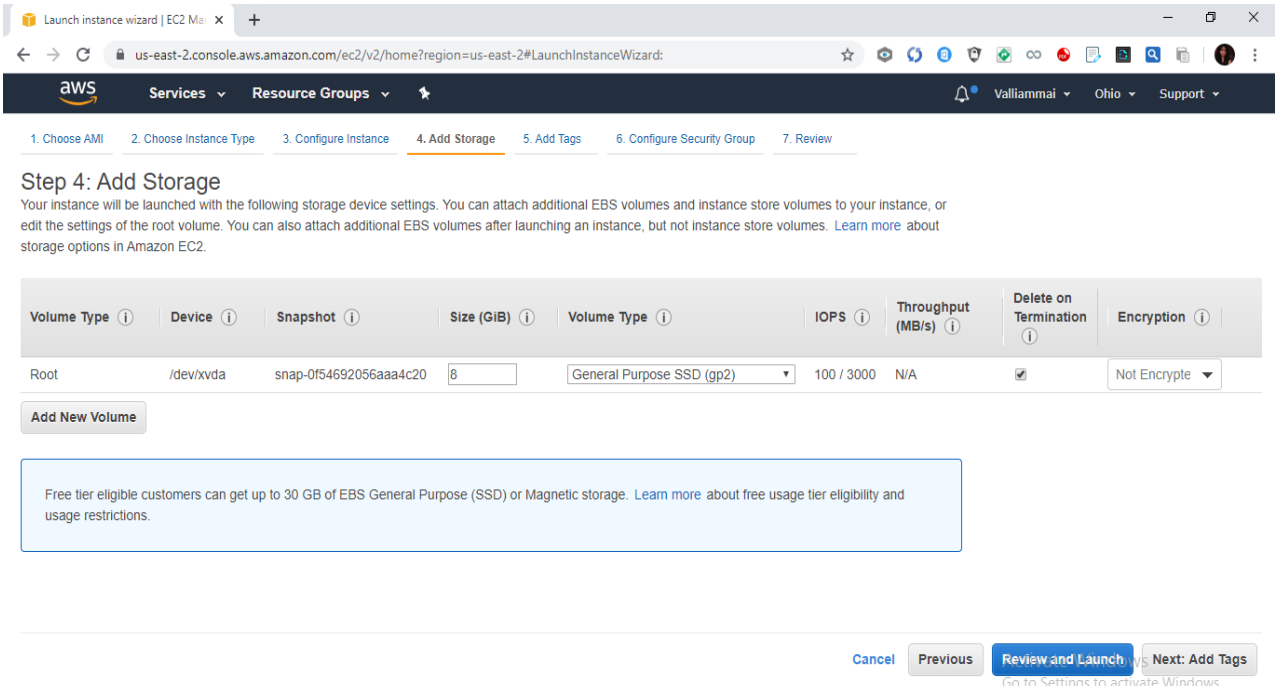
1)Choosing an AMI



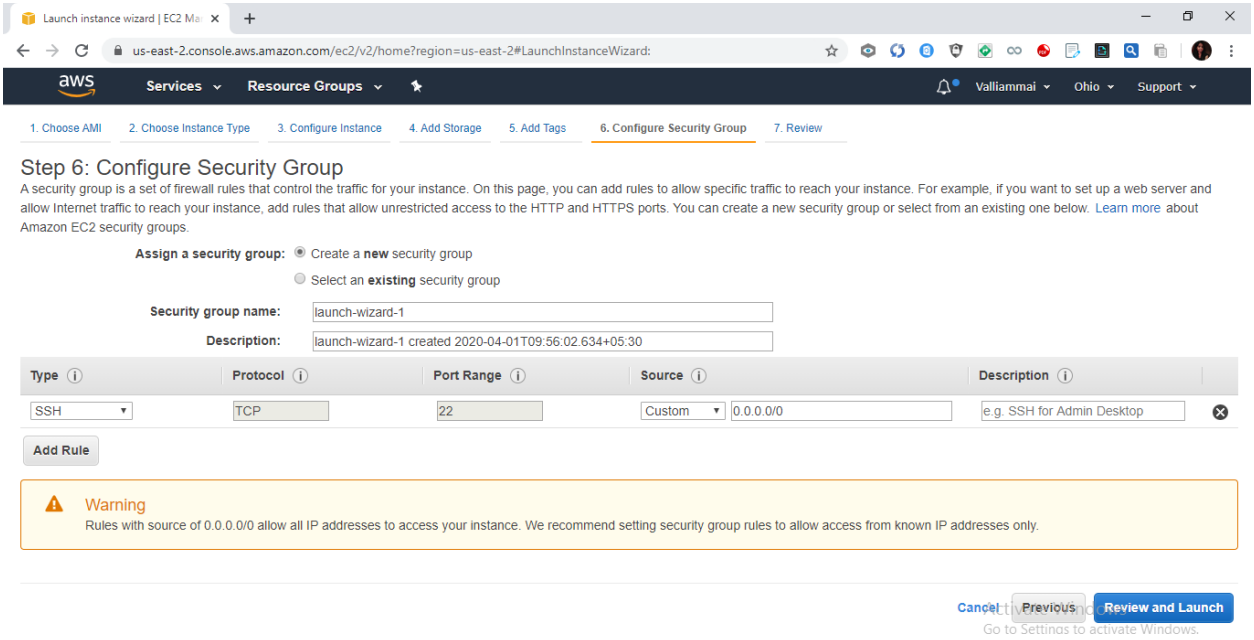
2) Choosing an Instance Type



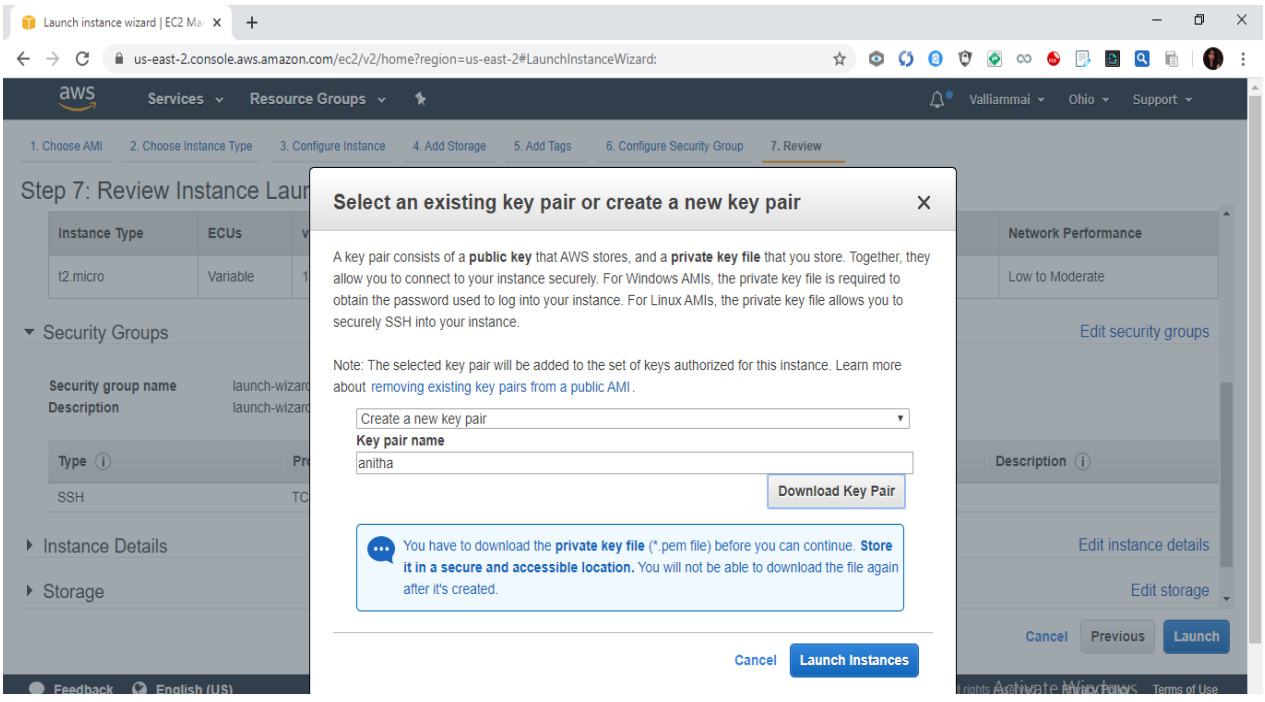
3) Adding Storage



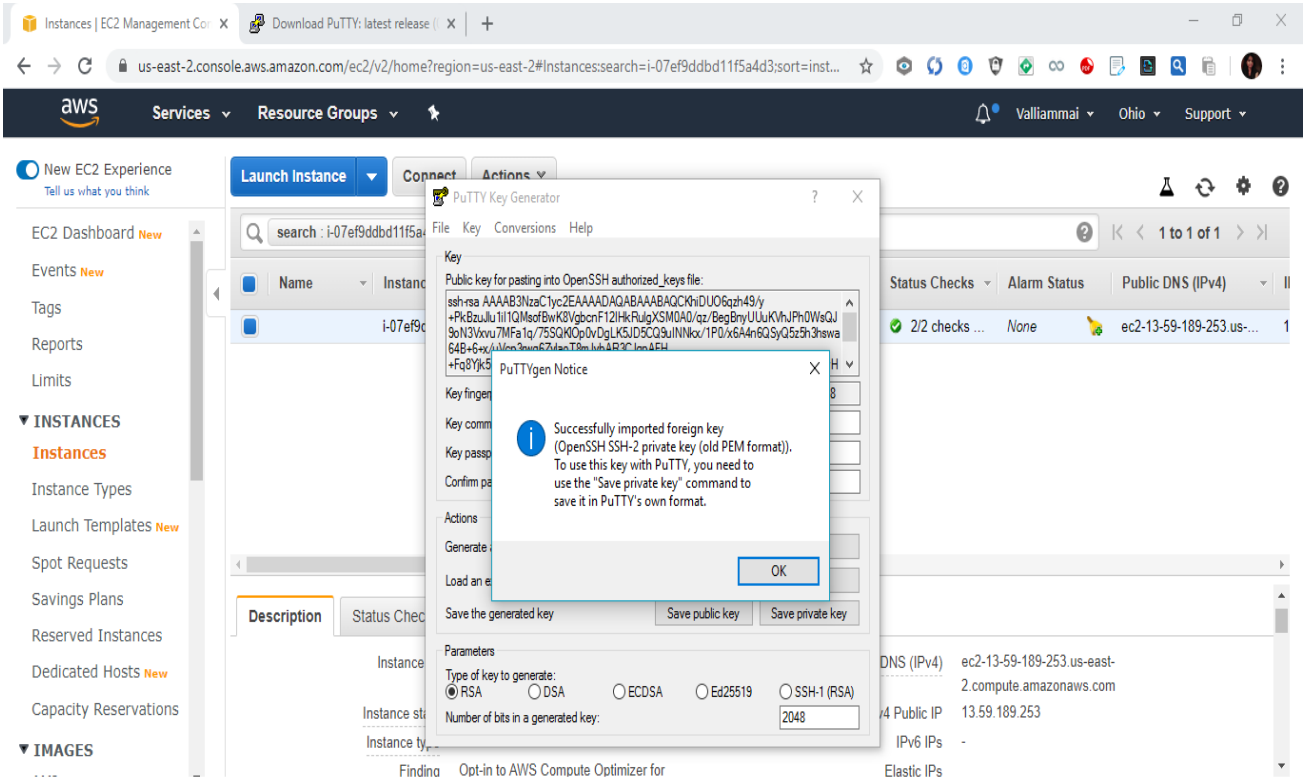
4) Configuring Security Group



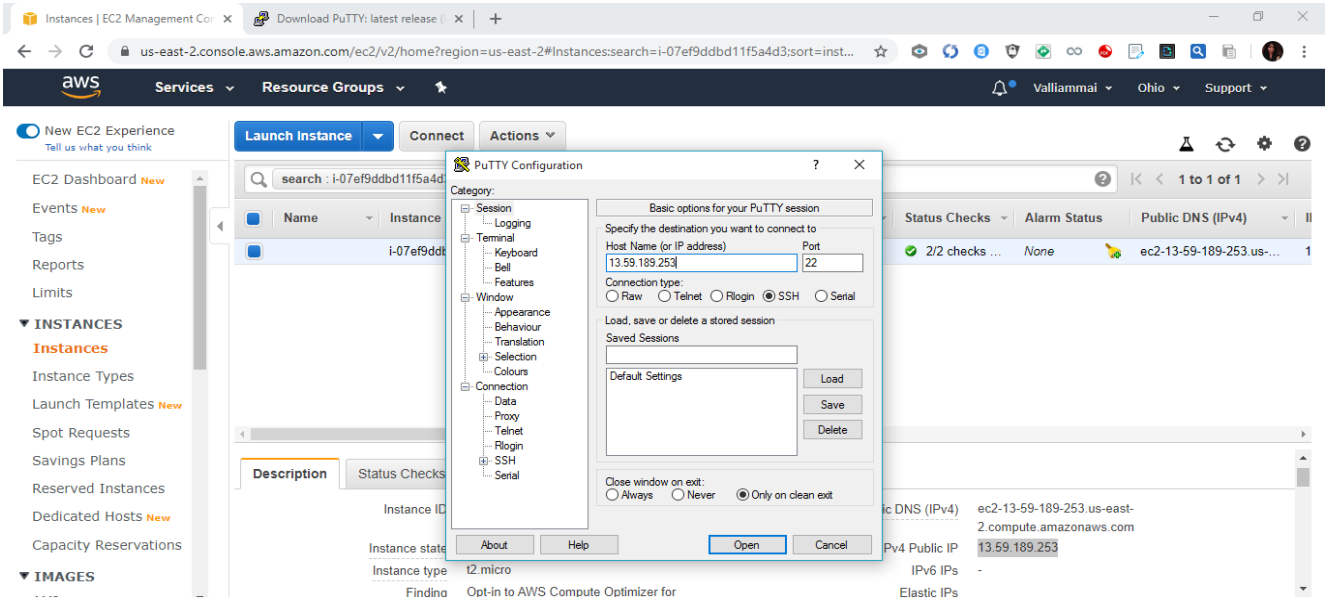
5) Key Pair Download

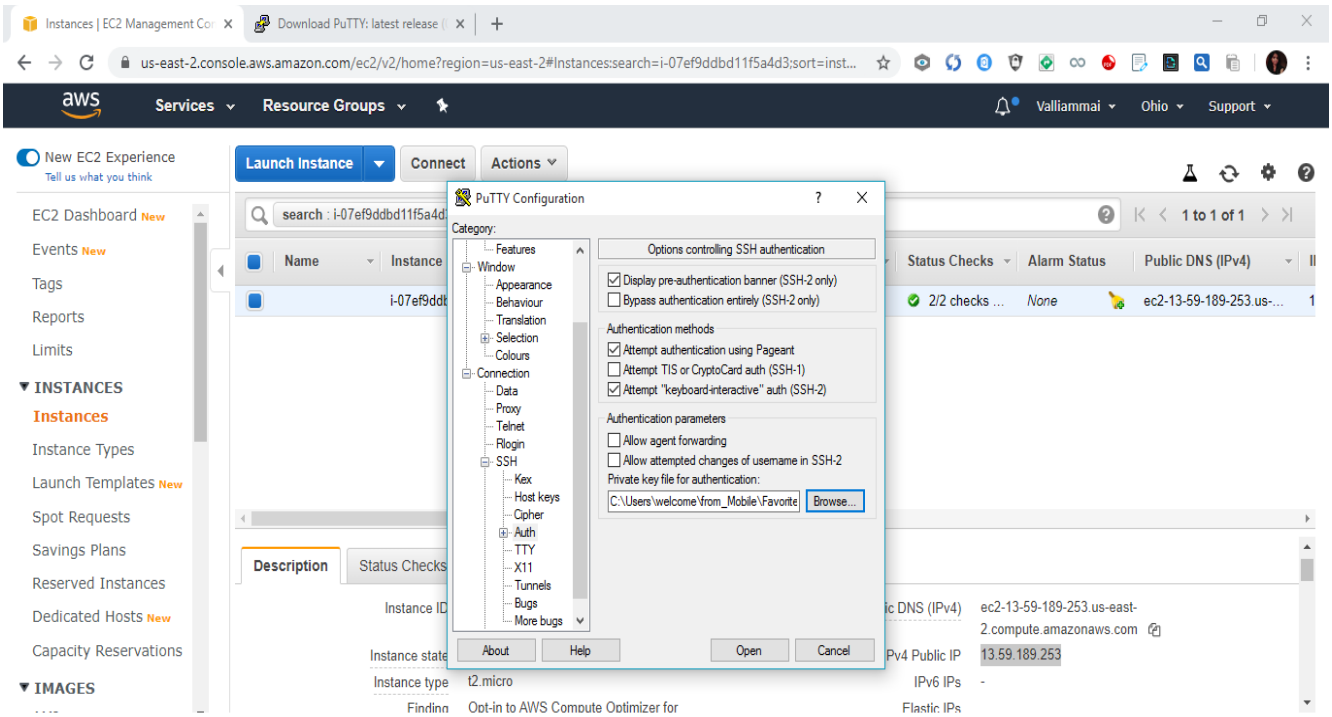


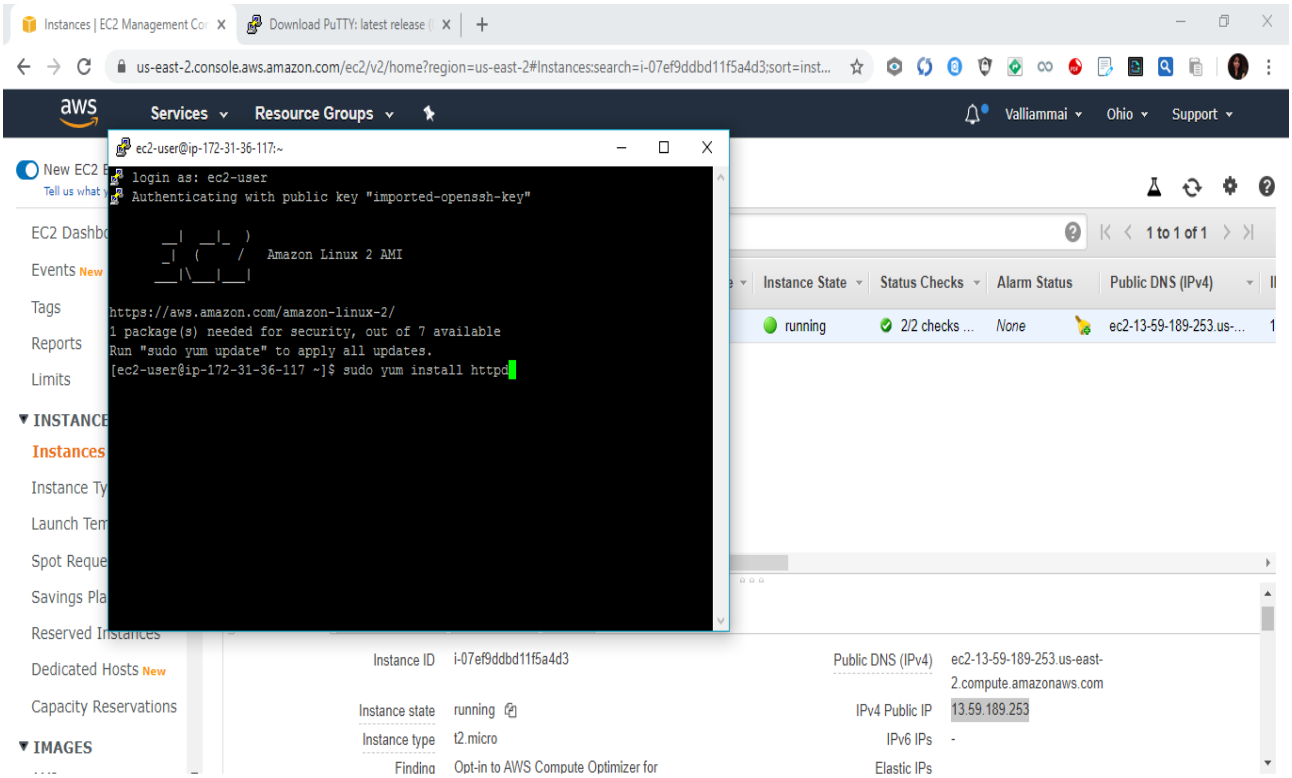
6)PuTTYgen conversion from pem to ppk

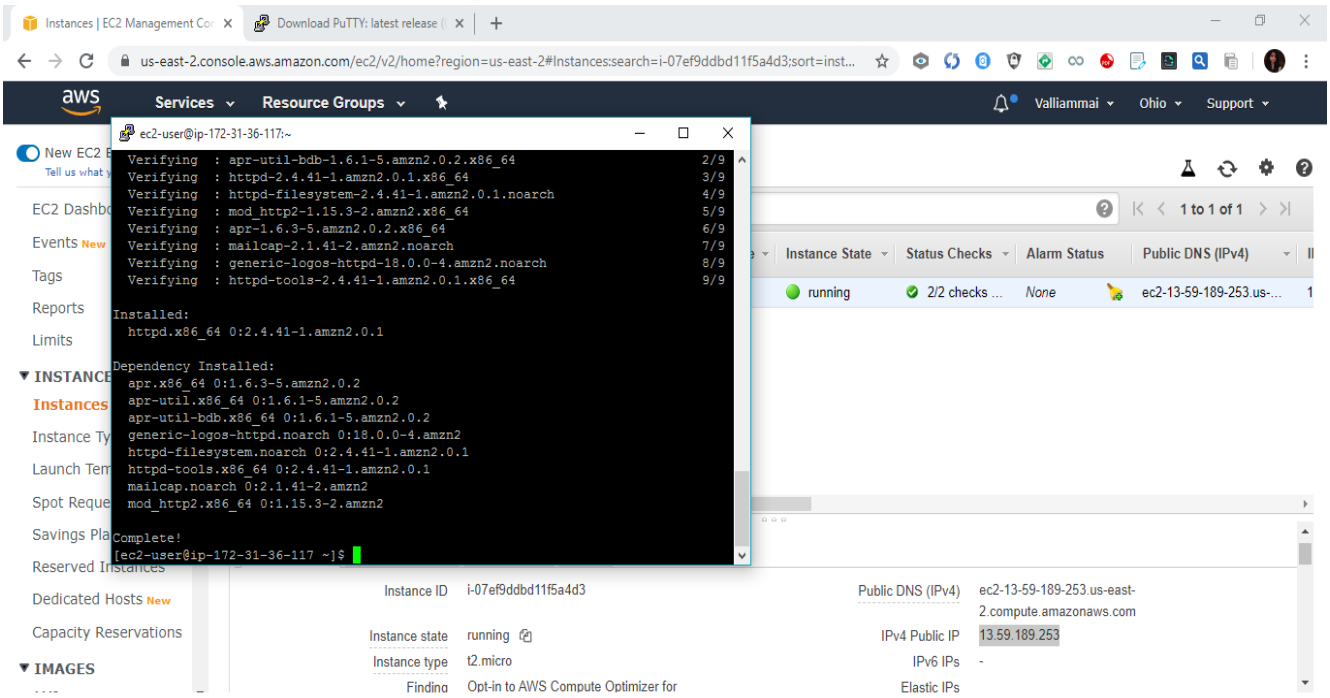


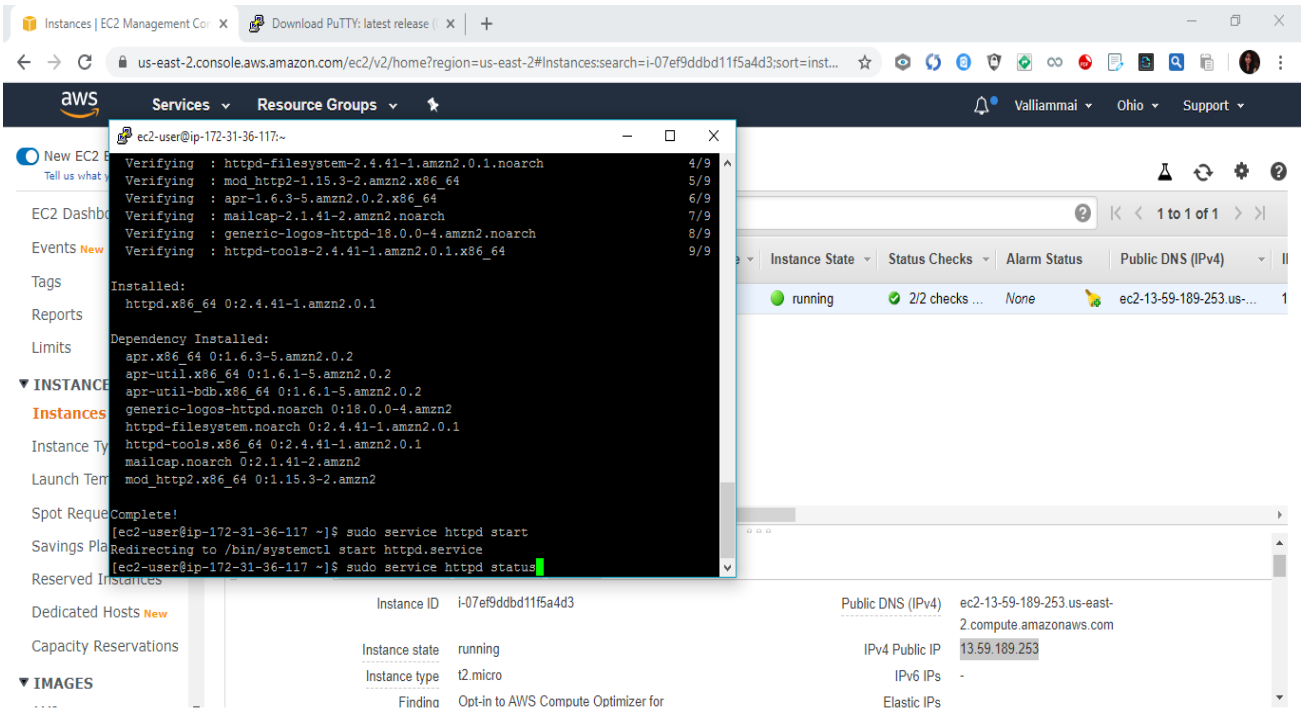
7) Logged in EC2 black screen

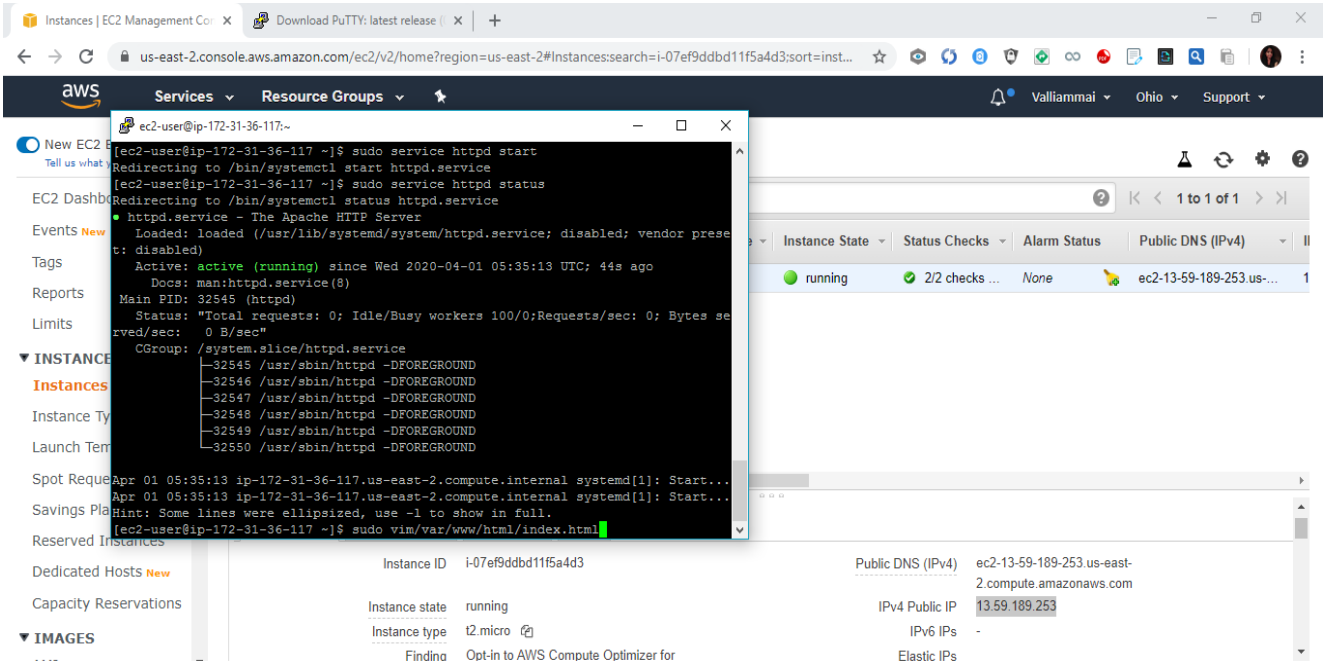


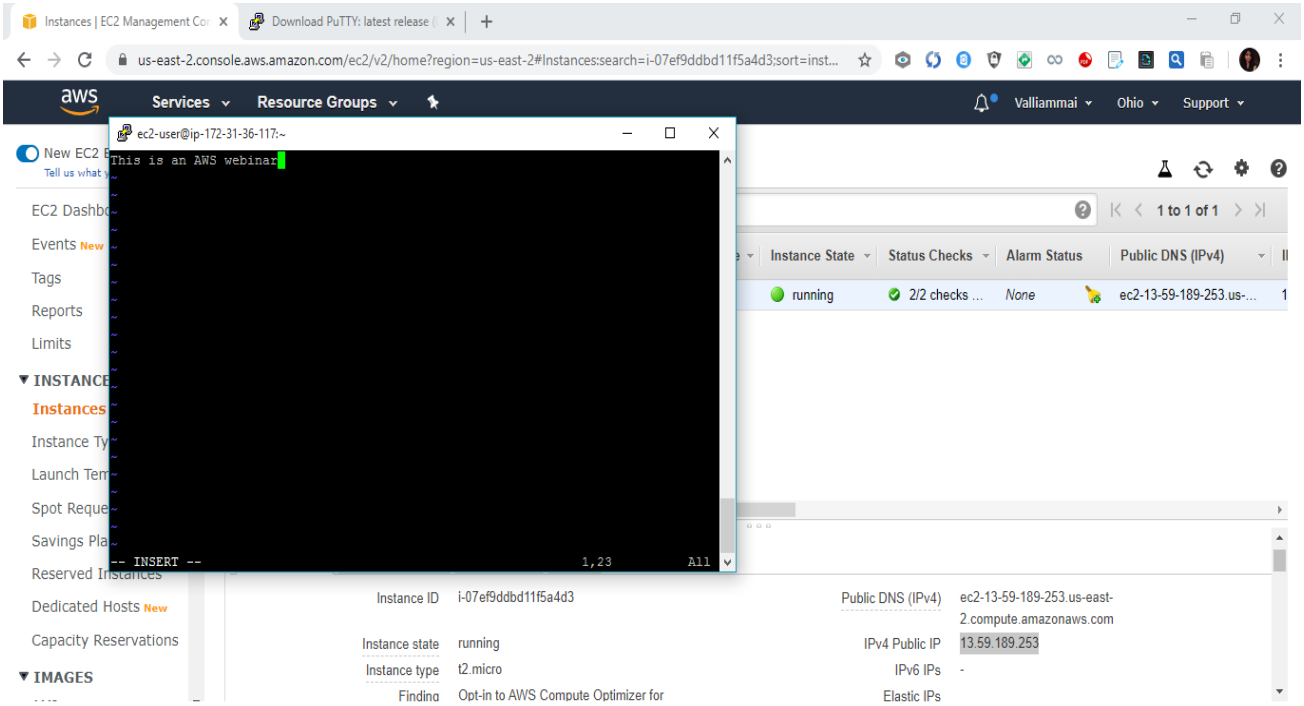

Instances | EC2 Management Co
Download PuTTY: latest release
us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Instances:search=i-07ef9ddbd11f5a4d3;sort=inst...
Services
Resource Groups
Valliammai
Ohio
Support
New EC2 Experience
Tell us what you think
Launch Instance
Connect
Actions
EC2 Dashboard New
Events New
Tags
Reports
Limits
INSTANCES
Instances
Instance Types
Launch Templates New
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts New
Capacity Reservations
IMAGES
search : i-07ef9ddbd11f5a4d3
1 to 1 of 1
Name
Instance
Status Checks
Alarm Status
Public DNS (IPv4)
i-07ef9ddb
2/2 checks ...
None
ec2-13-59-189-253.us-...
PuTTY Configuration
Category:
Features
Window
Appearance
Behaviour
Translation
Selection
Colours
Connection
Data
Proxy
Telnet
Rlogin
SSH
Kex
Host keys
Cipher
Auth
TTY
X11
Tunnels
Bugs
More bugs
Options controlling SSH authentication
Display pre-authentication banner (SSH-2 only)
Bypass authentication entirely (SSH-2 only)
Authentication methods
Attempt authentication using Pageant
Attempt TIS or CryptoCard auth (SSH-1)
Attempt "keyboard-interactive" auth (SSH-2)
Authentication parameters
Allow agent forwarding
Allow attempted changes of username in SSH-2
Private key file for authentication:
C:\Users\welcome\from_Mobile\Favorite
Browse...
About
Help
Open
Cancel
Description
Status Checks
Instance ID
Instance state
Instance type
t2.micro
Finding
Opt-in to AWS Compute Optimizer for
Public DNS (IPv4)
ec2-13-59-189-253.us-east-2.compute.amazonaws.com
IPv4 Public IP
13.59.189.253
IPv6 IPs
-
Elastic IPs

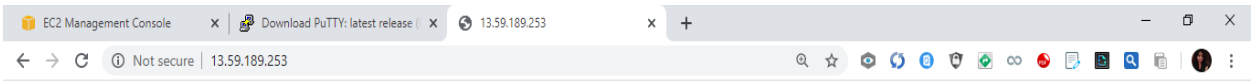

Instances | EC2 Management Co
Download PuTTY: latest release
us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Instances:search=i-07ef9ddbd11f5a4d3;sort=inst...
Services
Resource Groups
Valliammai
Ohio
Support
ec2-user@ip-172-31-36-117:~
login as: ec2-user
Authenticating with public key "imported-openssh-key"
Amazon Linux 2 AMI
https://aws.amazon.com/amazon-linux-2/
1 package(s) needed for security, out of 7 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-36-117 ~]$ sudo yum install httpd
1 to 1 of 1
Instance State
Status Checks
Alarm Status
Public DNS (IPv4)
running
2/2 checks ...
None
ec2-13-59-189-253.us-...
Instance ID
i-07ef9ddbd11f5a4d3
Instance state
running
Instance type
t2.micro
Finding
Opt-in to AWS Compute Optimizer for
Public DNS (IPv4)
ec2-13-59-189-253.us-east-2.compute.amazonaws.com
IPv4 Public IP
13.59.189.253
IPv6 IPs
-
Elastic IPs


Instances | EC2 Management Co
Download PuTTY: latest release
us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Instances:search=i-07ef9ddbd11f5a4d3;sort=inst...
Services
Resource Groups
Valliammai
Ohio
Support
ec2-user@ip-172-31-36-117:~
Verifying : apr-util-bdb-1.6.1-5.amzn2.0.2.x86_64 2/9
Verifying : httpd-2.4.41-1.amzn2.0.1.x86_64 3/9
Verifying : httpd-filesystem-2.4.41-1.amzn2.0.1.noarch 4/9
Verifying : mod_http2-1.15.3-2.amzn2.x86_64 5/9
Verifying : apr-1.6.3-5.amzn2.0.2.x86_64 6/9
Verifying : mailcap-2.1.41-2.amzn2.noarch 7/9
Verifying : generic-logos-httpd-18.0.0-4.amzn2.noarch 8/9
Verifying : httpd-tools-2.4.41-1.amzn2.0.1.x86_64 9/9
Installed:
httpd.x86_64 0:2.4.41-1.amzn2.0.1
Dependency Installed:
apr.x86_64 0:1.6.3-5.amzn2.0.2
apr-util.x86_64 0:1.6.1-5.amzn2.0.2
apr-util-bdb.x86_64 0:1.6.1-5.amzn2.0.2
generic-logos-httpd.noarch 0:18.0.0-4.amzn2
httpd-filesystem.noarch 0:2.4.41-1.amzn2.0.1
httpd-tools.x86_64 0:2.4.41-1.amzn2.0.1
mailcap.noarch 0:2.1.41-2.amzn2
mod_http2.x86_64 0:1.15.3-2.amzn2
Complete!
[ec2-user@ip-172-31-36-117 ~]$
New EC2
EC2 Dashbo
Events New
Tags
Reports
Limits
INSTANCE
Instances
Instance Ty
Launch Tem
Spot Reque
Savings Pla
Reserved Instances
Dedicated Hosts New
Capacity Reservations
IMAGES
1 to 1 of 1
Instance State
Status Checks
Alarm Status
Public DNS (IPv4)
running
2/2 checks ...
None
ec2-13-59-189-253.us-...
Instance ID
i-07ef9ddbd11f5a4d3
Instance state
running
Instance type
t2.micro
Finding
Opt-in to AWS Compute Optimizer for
Public DNS (IPv4)
ec2-13-59-189-253.us-east-2.compute.amazonaws.com
IPv4 Public IP
13.59.189.253
IPv6 IPs
-
Elastic IPs


Instances | EC2 Management Co
Download PuTTY: latest release
us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Instances:search=i-07ef9ddbd11f5a4d3;sort=inst...
Services
Resource Groups
Valliammai
Ohio
Support
ec2-user@ip-172-31-36-117:~
Verifying : httpd-filesystem-2.4.41-1.amzn2.0.1.noarch 4/9
Verifying : mod_http2-1.15.3-2.amzn2.x86_64 5/9
Verifying : apr-1.6.3-5.amzn2.0.2.x86_64 6/9
Verifying : mailcap-2.1.41-2.amzn2.noarch 7/9
Verifying : generic-logos-httpd-18.0.0-4.amzn2.noarch 8/9
Verifying : httpd-tools-2.4.41-1.amzn2.0.1.x86_64 9/9
Installed:
httpd.x86_64 0:2.4.41-1.amzn2.0.1
Dependency Installed:
apr.x86_64 0:1.6.3-5.amzn2.0.2
apr-util.x86_64 0:1.6.1-5.amzn2.0.2
apr-util-bdb.x86_64 0:1.6.1-5.amzn2.0.2
generic-logos-httpd.noarch 0:18.0.0-4.amzn2
httpd-filesystem.noarch 0:2.4.41-1.amzn2.0.1
httpd-tools.x86_64 0:2.4.41-1.amzn2.0.1
mailcap.noarch 0:2.1.41-2.amzn2
mod_http2.x86_64 0:1.15.3-2.amzn2
Complete!
[ec2-user@ip-172-31-36-117 ~]$ sudo service httpd start
Redirecting to /bin/systemctl start httpd.service
[ec2-user@ip-172-31-36-117 ~]$ sudo service httpd status
New EC2
EC2 Dashbo
Events New
Tags
Reports
Limits
INSTANCE
Instances
Instance Ty
Launch Tem
Spot Reque
Savings Pla
Reserved Instances
Dedicated Hosts New
Capacity Reservations
IMAGES
1 to 1 of 1
Instance State
Status Checks
Alarm Status
Public DNS (IPv4)
running
2/2 checks ...
None
ec2-13-59-189-253.us-...
Instance ID
i-07ef9ddbd11f5a4d3
Instance state
running
Instance type
t2.micro
Finding
Opt-in to AWS Compute Optimizer for
Public DNS (IPv4)
ec2-13-59-189-253.us-east-2.compute.amazonaws.com
IPv4 Public IP
13.59.189.253
IPv6 IPs
-
Elastic IPs


Instances | EC2 Management Co
Download PuTTY: latest release
us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Instances:search=i-07ef9ddbd11f5a4d3;sort=inst...
Services
Resource Groups
Valliammai
Ohio
Support
ec2-user@ip-172-31-36-117:~
[ec2-user@ip-172-31-36-117 ~]$ sudo service httpd start
Redirecting to /bin/systemctl start httpd.service
[ec2-user@ip-172-31-36-117 ~]$ sudo service httpd status
Redirecting to /bin/systemctl status httpd.service
● httpd.service - The Apache HTTP Server
Loaded: loaded (/usr/lib/systemd/system/httpd.service; disabled; vendor prese
t: disabled)
Active: active (running) since Wed 2020-04-01 05:35:13 UTC; 44s ago
Docs: man:httpd.service(8)
Main PID: 32545 (httpd)
Status: "Total requests: 0; Idle/Busy workers 100/0;Requests/sec: 0; Bytes se
rved/sec: 0 B/sec"
CGroup: /system.slice/httpd.service
├─32545 /usr/sbin/httpd -DFOREGROUND
├─32546 /usr/sbin/httpd -DFOREGROUND
├─32547 /usr/sbin/httpd -DFOREGROUND
├─32548 /usr/sbin/httpd -DFOREGROUND
├─32549 /usr/sbin/httpd -DFOREGROUND
└─32550 /usr/sbin/httpd -DFOREGROUND
Apr 01 05:35:13 ip-172-31-36-117.us-east-2.compute.internal systemd[1]: Start...
Apr 01 05:35:13 ip-172-31-36-117.us-east-2.compute.internal systemd[1]: Start...
Hint: Some lines were ellipsized, use -l to show in full.
[ec2-user@ip-172-31-36-117 ~]$ sudo vim/var/www/html/index.html
New EC2
EC2 Dashb
Events
Tags
Reports
Limits
INSTANCE
Instances
Instance Ty
Launch Tem
Spot Reque
Savings Pla
Reserved Instances
Dedicated Hosts
Capacity Reservations
IMAGES
1 to 1 of 1
Instance State
Status Checks
Alarm Status
Public DNS (IPv4)
running
2/2 checks ...
None
ec2-13-59-189-253.us-...
Instance ID
i-07ef9ddbd11f5a4d3
Instance state
running
Instance type
t2.micro
Finding
Opt-in to AWS Compute Optimizer for
Public DNS (IPv4)
ec2-13-59-189-253.us-east-2.compute.amazonaws.com
IPv4 Public IP
13.59.189.253
IPv6 IPs
-
Elastic IPs


Instances | EC2 Management Co
Download PuTTY: latest release
us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Instances:search=i-07ef9ddbd11f5a4d3;sort=inst...
Services
Resource Groups
Valliammai
Ohio
Support
ec2-user@ip-172-31-36-117:~
This is an AWS webinar
-- INSERT --
1,23
All
New EC2
EC2 Dashb
Events
Tags
Reports
Limits
INSTANCE
Instances
Instance Ty
Launch Tem
Spot Reque
Savings Pla
Reserved Instances
Dedicated Hosts
Capacity Reservations
IMAGES
1 to 1 of 1
Instance State
Status Checks
Alarm Status
Public DNS (IPv4)
running
2/2 checks ...
None
ec2-13-59-189-253.us-...
Instance ID
i-07ef9ddbd11f5a4d3
Instance state
running
Instance type
t2.micro
Finding
Opt-in to AWS Compute Optimizer for
Public DNS (IPv4)
ec2-13-59-189-253.us-east-2.compute.amazonaws.com
IPv4 Public IP
13.59.189.253
IPv6 IPs
-
Elastic IPs

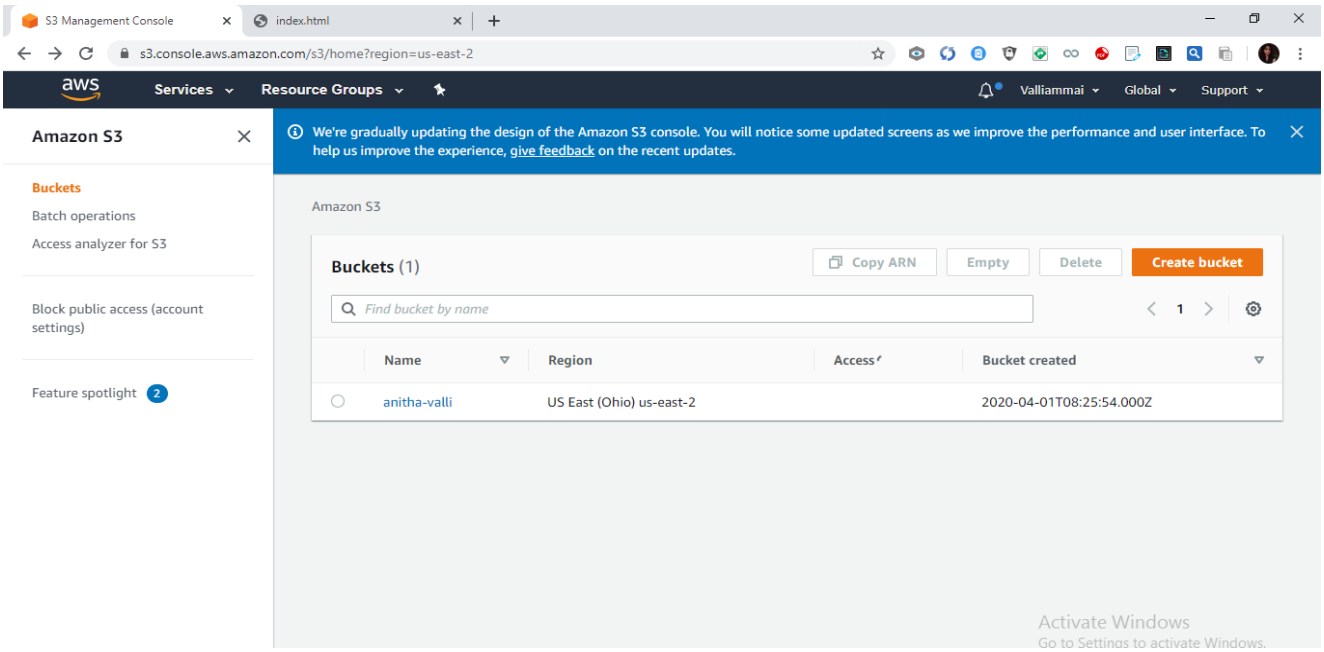


This is an AWS webinar

Activate Windows

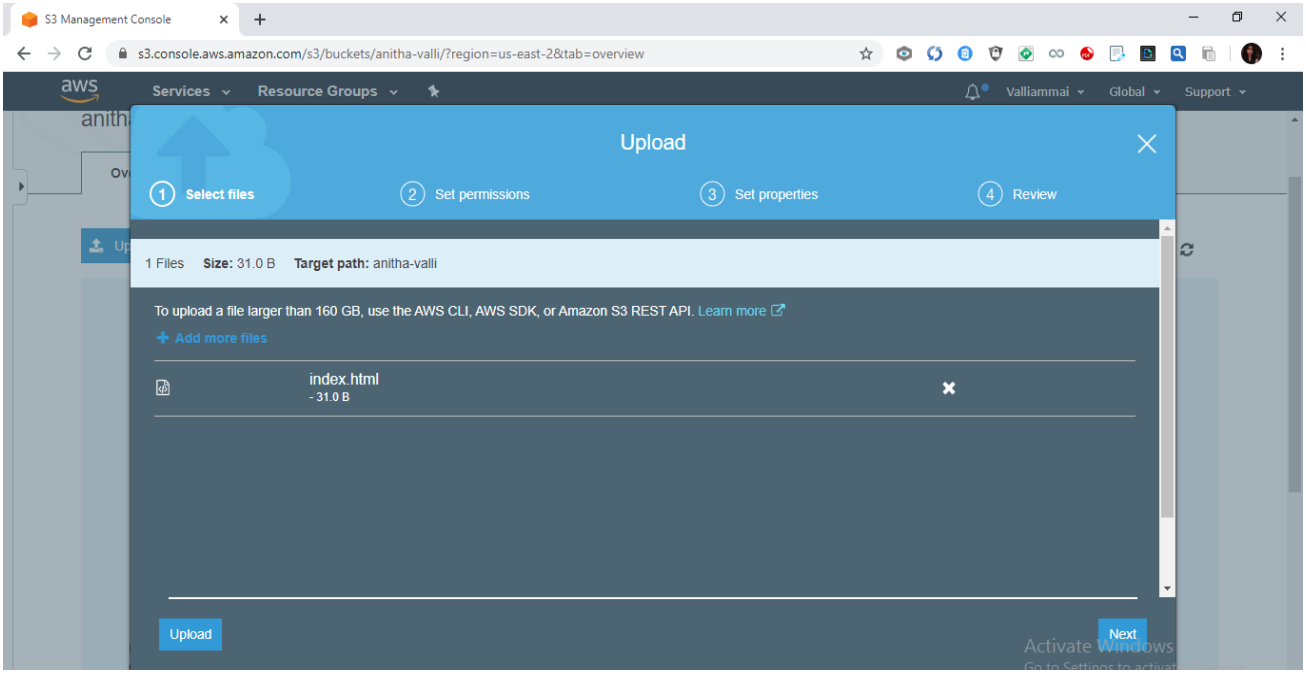
Screenshots needed for S3

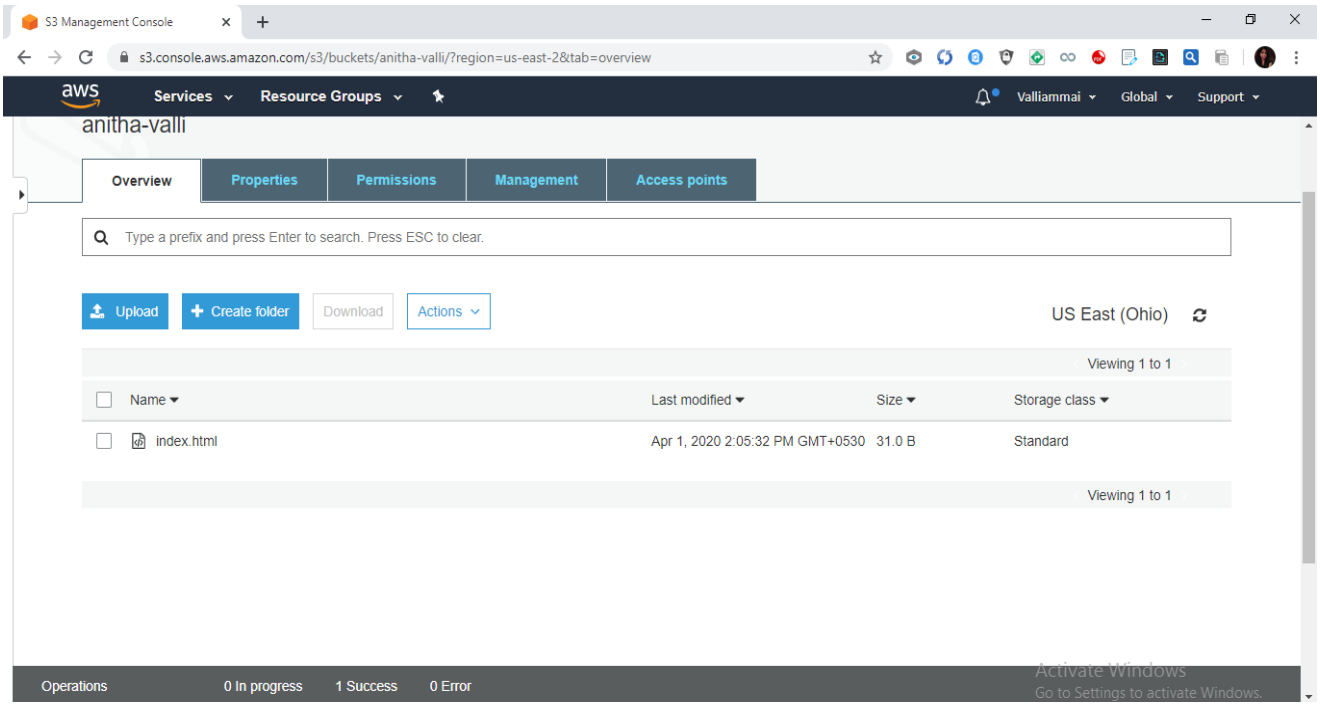
1)Creating a bucket



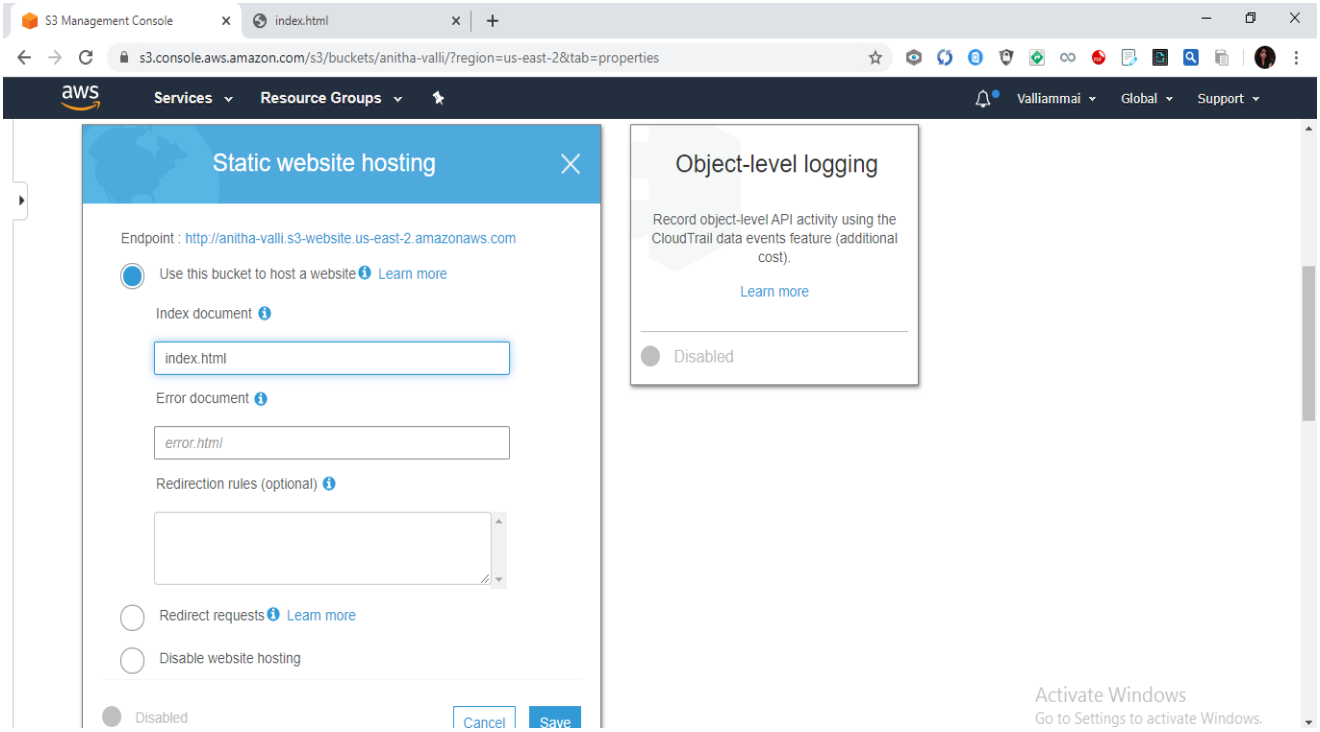
Activate Windows
Go to Settings to activate Windows.

2)Uploading an Object

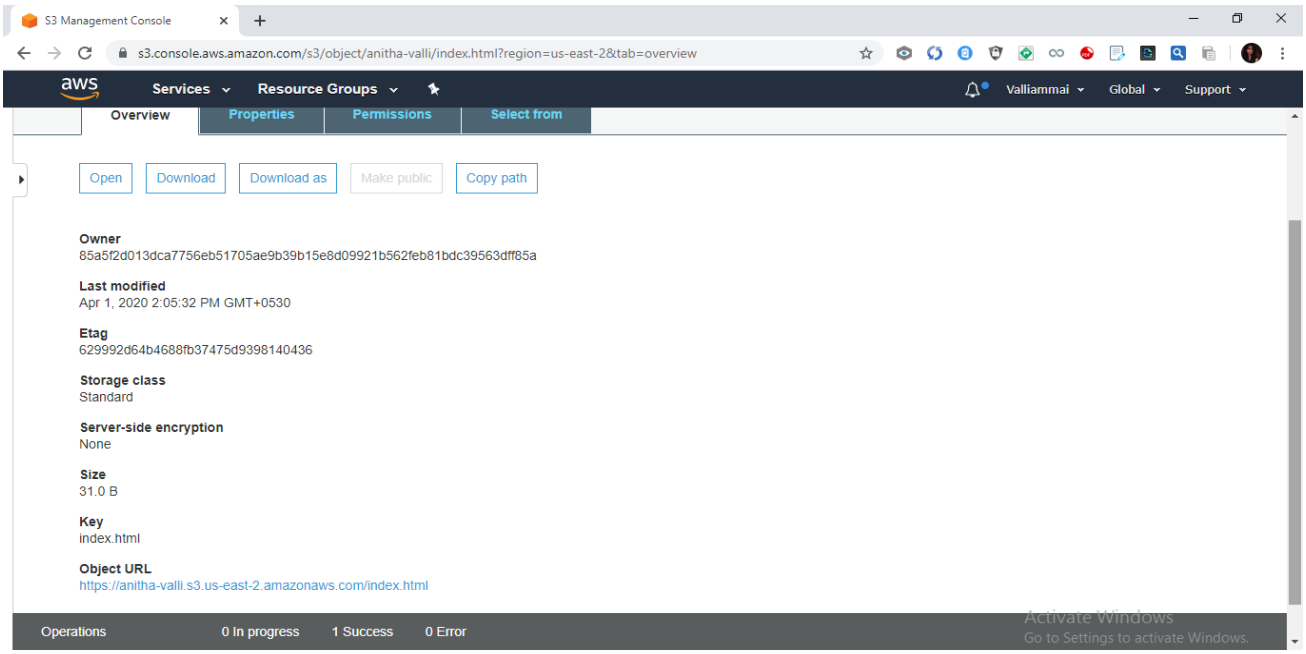




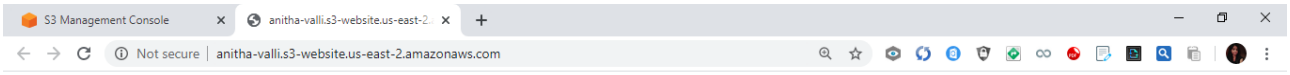
3)Enabling Static Website



4)Making the Object Public



5)Checking the S3 link on the browser

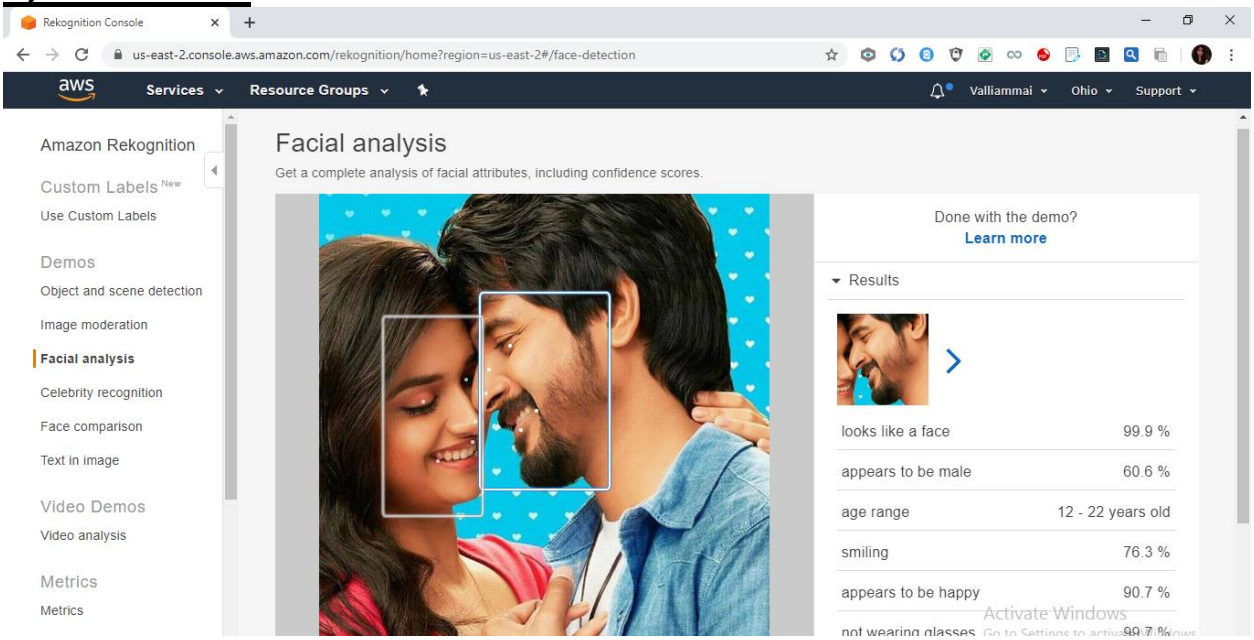


Some happiness are worth hiding

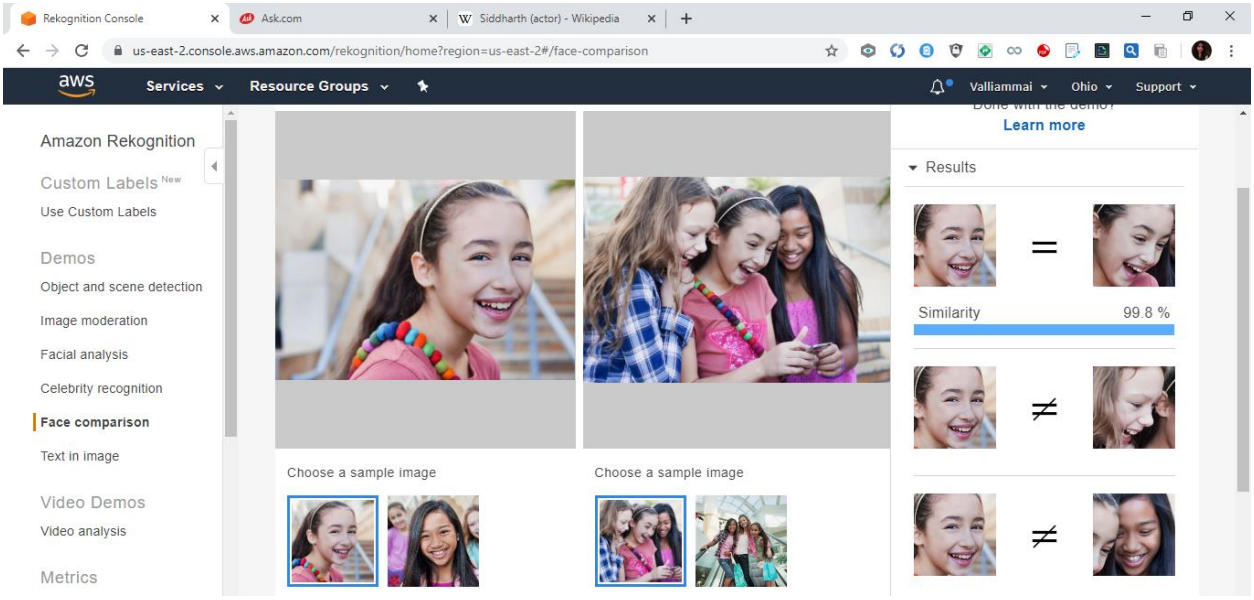
Activate Windows
Go to Settings to activate Windows.

Screenshots needed for Rekognition

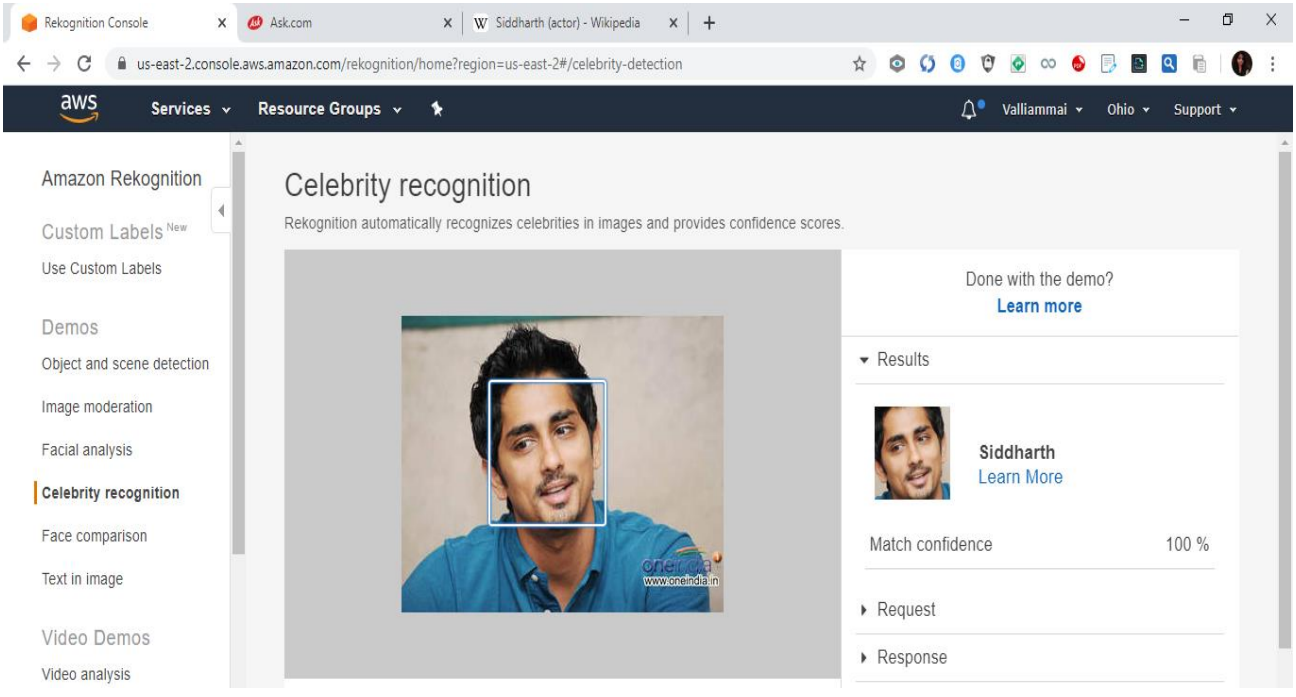
1)Face Detect



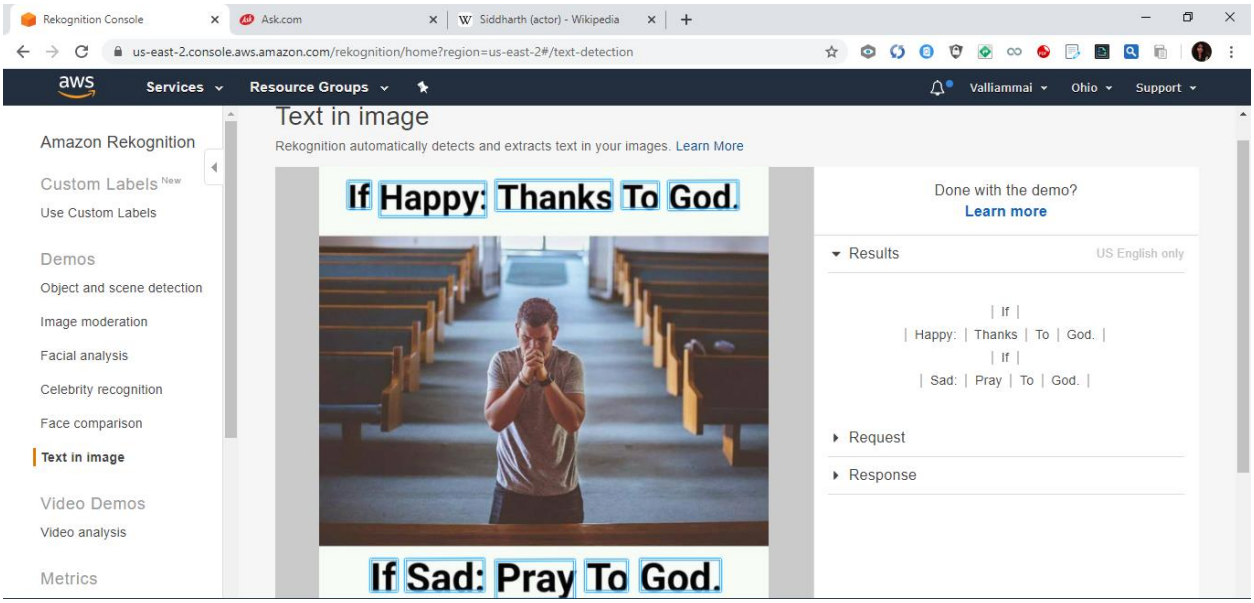
2)Face Compare



3)Celebrity Recognition

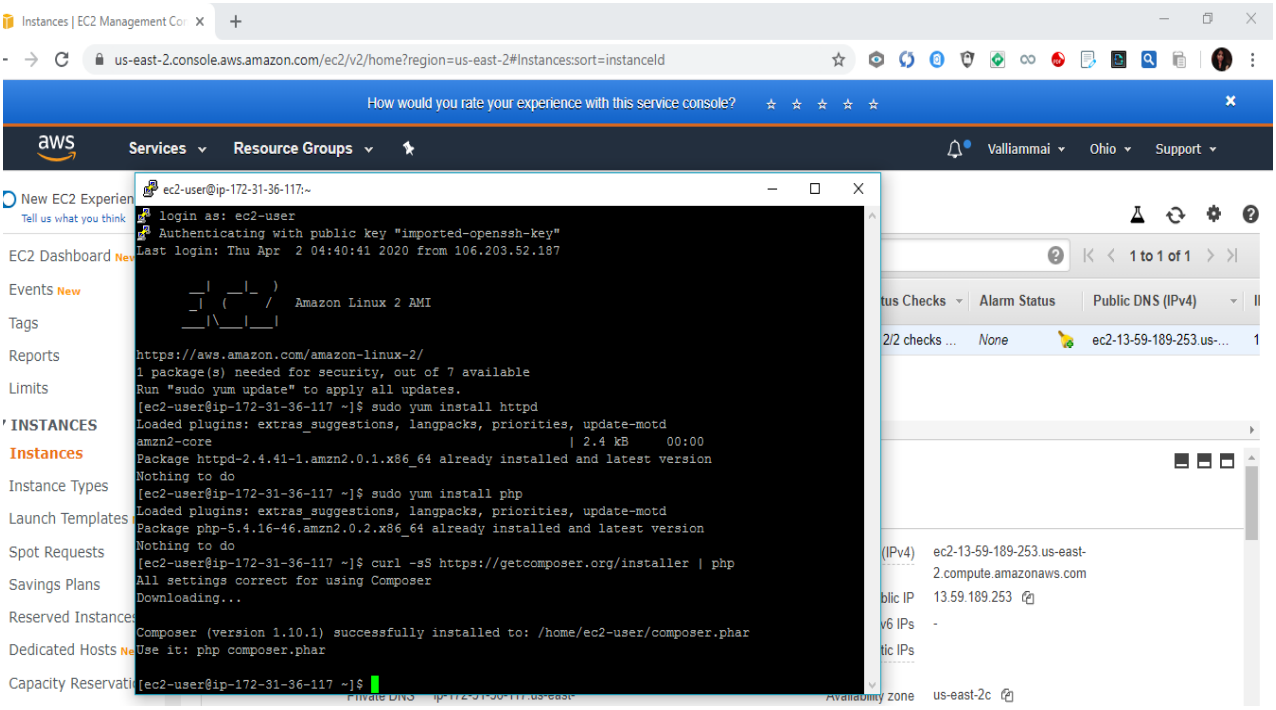


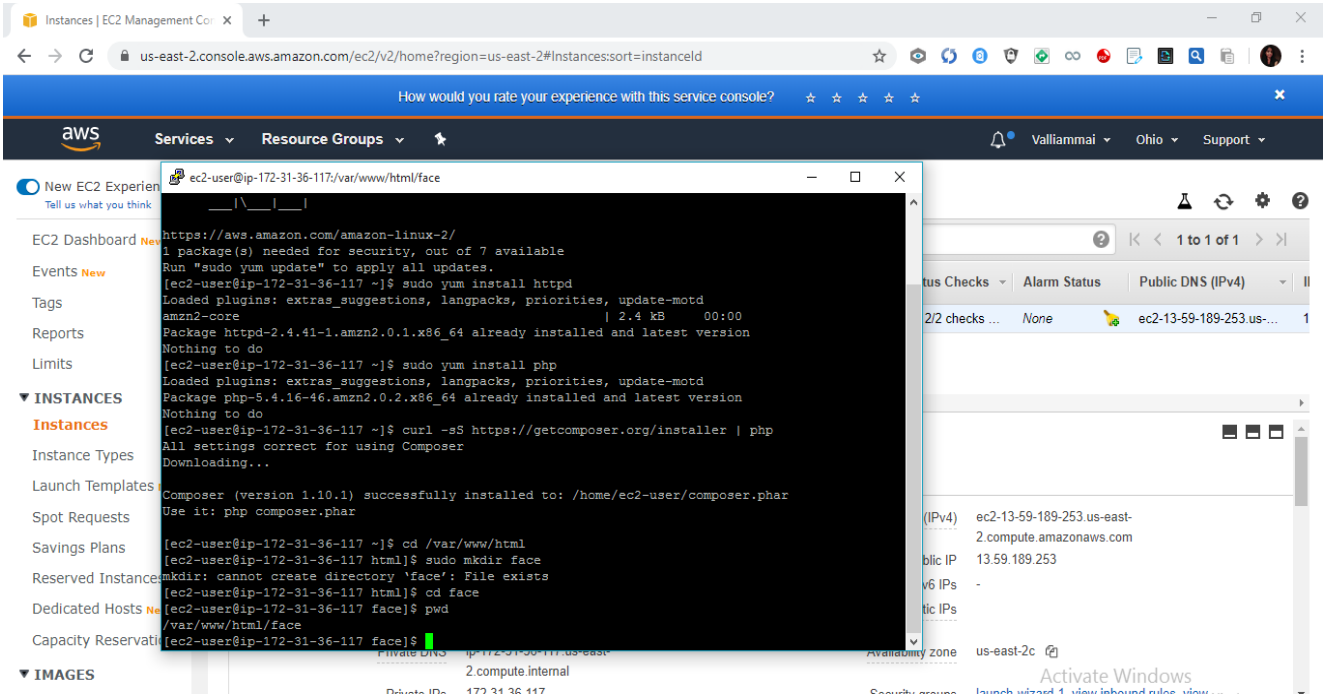
4)Text in Image

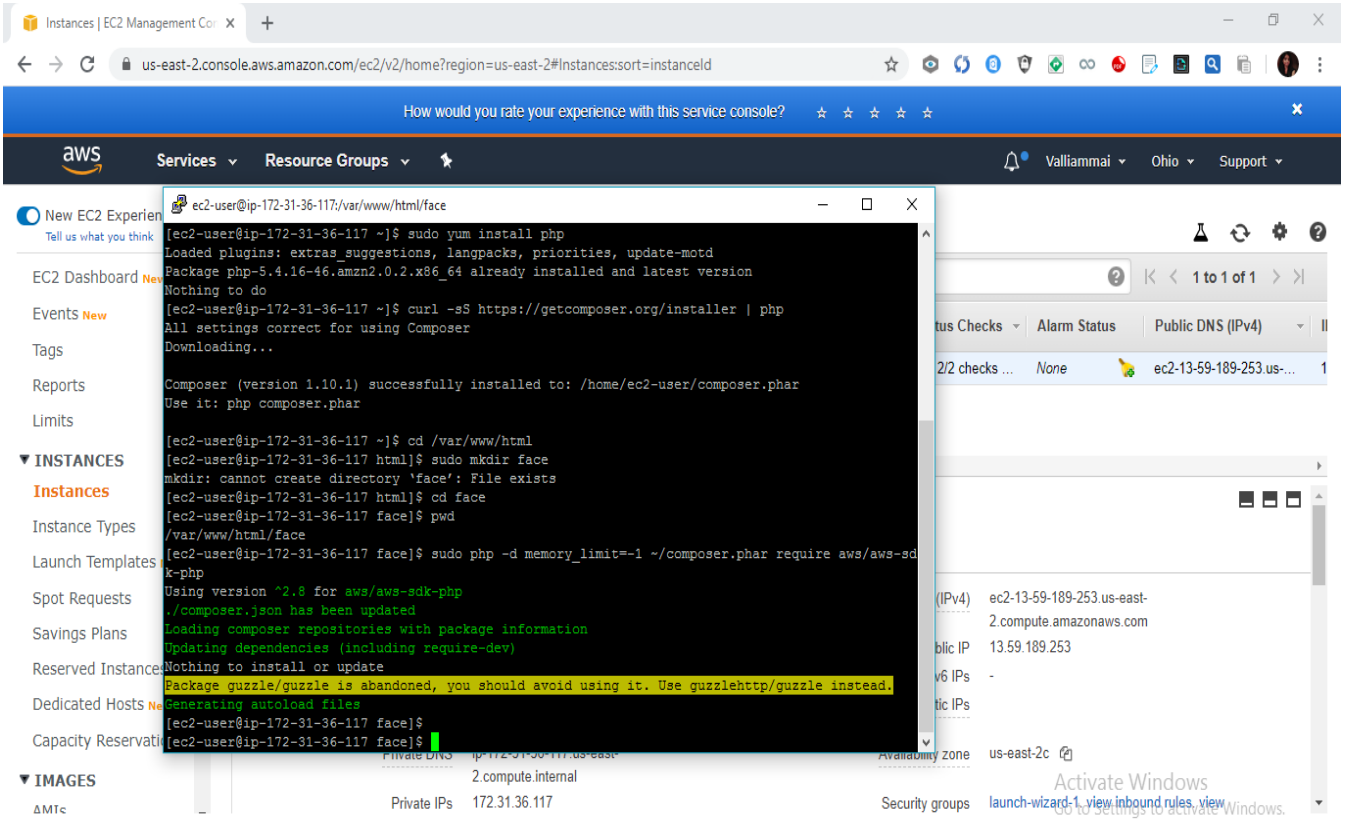


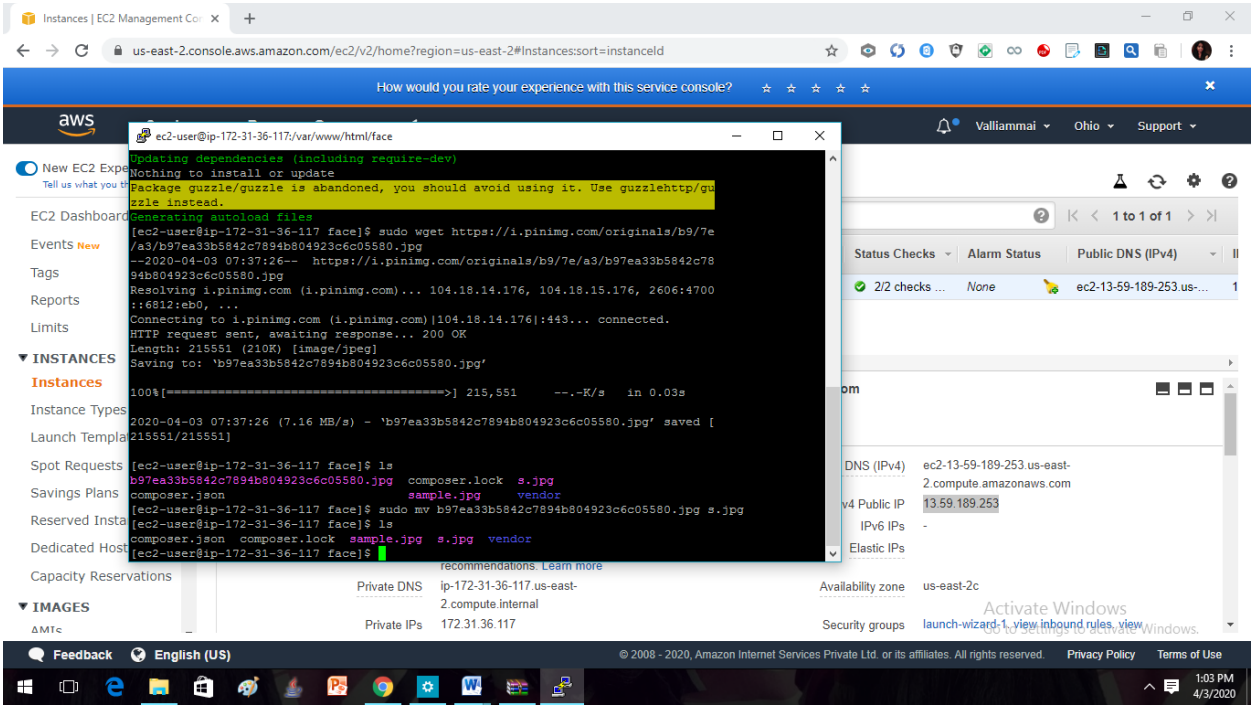
Screenshots needed for EC2 & S3

1)Installing aws-sdk

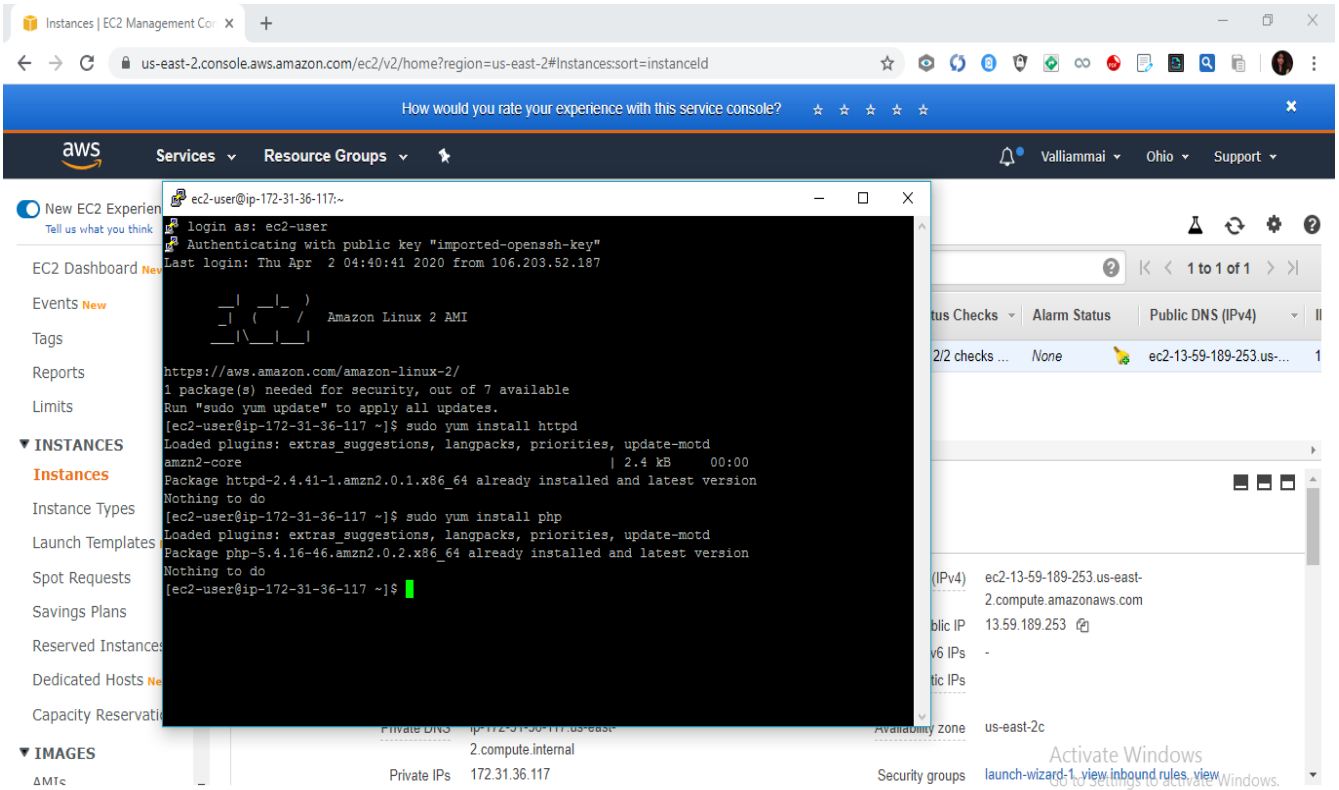



Instances | EC2 Management Co
us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Instances:sort=instanceId
How would you rate your experience with this service console?
Services
Resource Groups
Valliammai
Ohio
Support
ec2-user@ip-172-31-36-117:/var/www/html/face
https://aws.amazon.com/amazon-linux-2/
1 package(s) needed for security, out of 7 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-36-117 ~]$ sudo yum install httpd
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core | 2.4 kB 00:00
Package httpd-2.4.41-1.amzn2.0.1.x86_64 already installed and latest version
Nothing to do
[ec2-user@ip-172-31-36-117 ~]$ sudo yum install php
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Package php-5.4.16-46.amzn2.0.2.x86_64 already installed and latest version
Nothing to do
[ec2-user@ip-172-31-36-117 ~]$ curl -sS https://getcomposer.org/installer | php
All settings correct for using Composer
Downloading...
Composer (version 1.10.1) successfully installed to: /home/ec2-user/composer.phar
Use it: php composer.phar
[ec2-user@ip-172-31-36-117 ~]$ cd /var/www/html
[ec2-user@ip-172-31-36-117 html]$ sudo mkdir face
mkdir: cannot create directory ‘face’: File exists
[ec2-user@ip-172-31-36-117 html]$ cd face
[ec2-user@ip-172-31-36-117 face]$ pwd
/var/www/html/face
[ec2-user@ip-172-31-36-117 face]$
EC2 Dashboard
Events
Tags
Reports
Limits
INSTANCES
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservati
IMAGES
1 to 1 of 1
Alarm Status
Public DNS (IPv4)
2/2 checks ...
None
ec2-13-59-189-253.us-...
ec2-13-59-189-253.us-east-2.compute.amazonaws.com
13.59.189.253
us-east-2c
2.compute.internal
Activate Windows

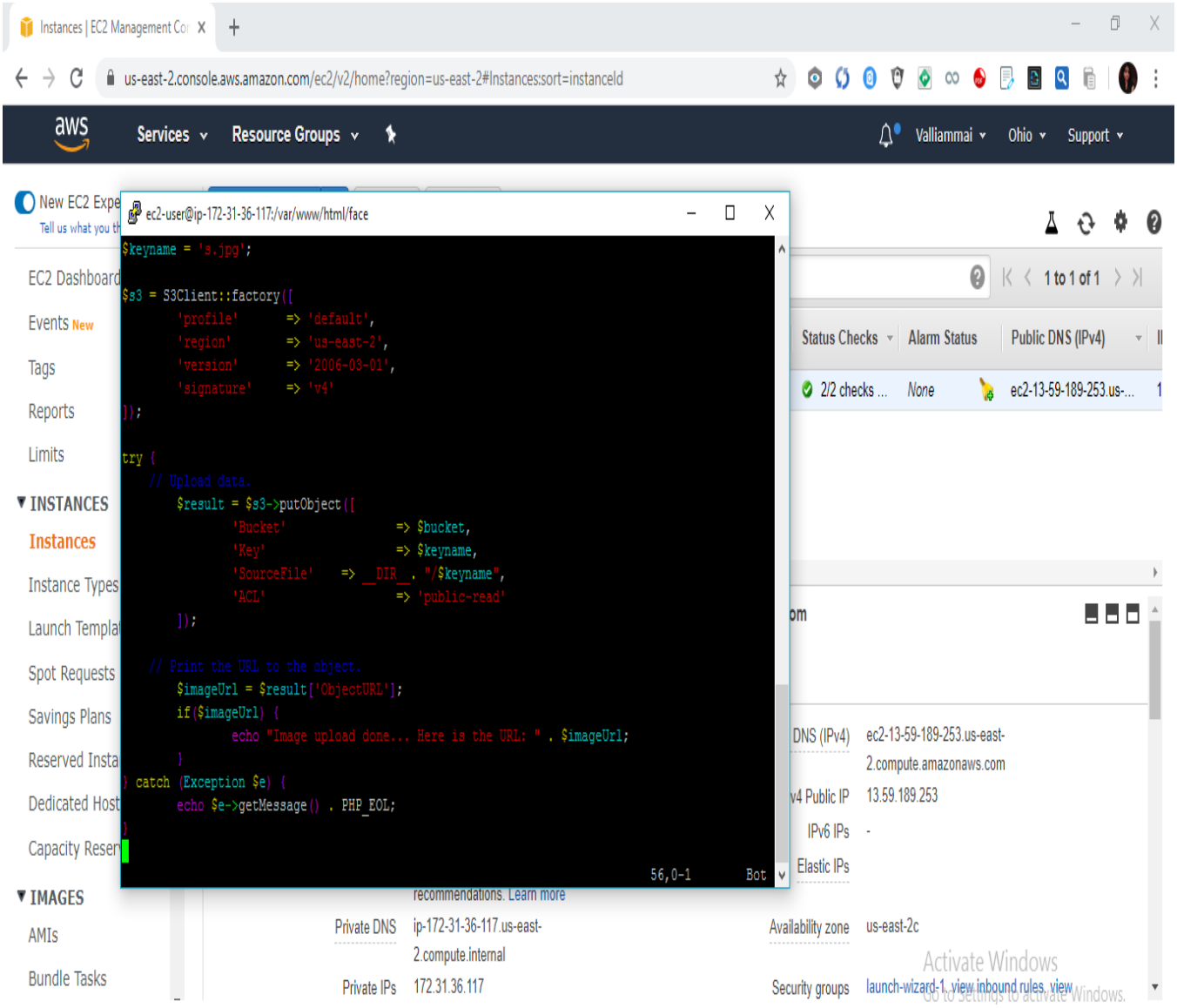

Instances | EC2 Management Co
us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Instances:sort=instanceId
How would you rate your experience with this service console?
Services
Resource Groups
Valliammai
Ohio
Support
ec2-user@ip-172-31-36-117:/var/www/html/face
[ec2-user@ip-172-31-36-117 ~]$ sudo yum install php
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Package php-5.4.16-46.amzn2.0.2.x86_64 already installed and latest version
Nothing to do
[ec2-user@ip-172-31-36-117 ~]$ curl -sS https://getcomposer.org/installer | php
All settings correct for using Composer
Downloading...
Composer (version 1.10.1) successfully installed to: /home/ec2-user/composer.phar
Use it: php composer.phar
[ec2-user@ip-172-31-36-117 ~]$ cd /var/www/html
[ec2-user@ip-172-31-36-117 html]$ sudo mkdir face
mkdir: cannot create directory ‘face’: File exists
[ec2-user@ip-172-31-36-117 html]$ cd face
[ec2-user@ip-172-31-36-117 face]$ pwd
/var/www/html/face
[ec2-user@ip-172-31-36-117 face]$ sudo php -d memory_limit=-1 ~/composer.phar require aws/aws-sdk-php
Using version ^2.8 for aws/aws-sdk-php
./composer.json has been updated
Loading composer repositories with package information
Updating dependencies (including require-dev)
Nothing to install or update
Package guzzle/guzzle is abandoned, you should avoid using it. Use guzzlehttp/guzzle instead.
Generating autoload files
[ec2-user@ip-172-31-36-117 face]$
[ec2-user@ip-172-31-36-117 face]$
EC2 Dashboard
Events
Tags
Reports
Limits
INSTANCES
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservati
IMAGES
1 to 1 of 1
Alarm Status
Public DNS (IPv4)
2/2 checks ...
None
ec2-13-59-189-253.us-...
ec2-13-59-189-253.us-east-2.compute.amazonaws.com
13.59.189.253
us-east-2c
2.compute.internal
172.31.36.117
launch-wizard-1, view inbound rules, view
Activate Windows



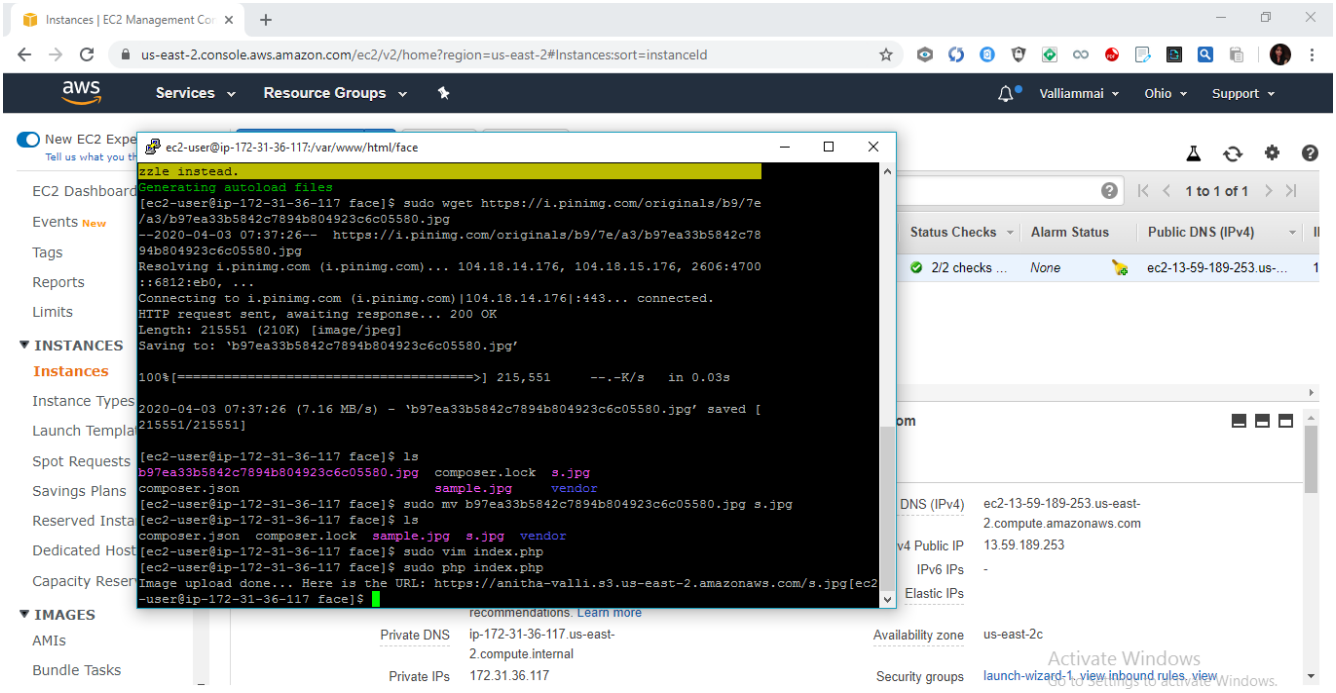
2)Installing php

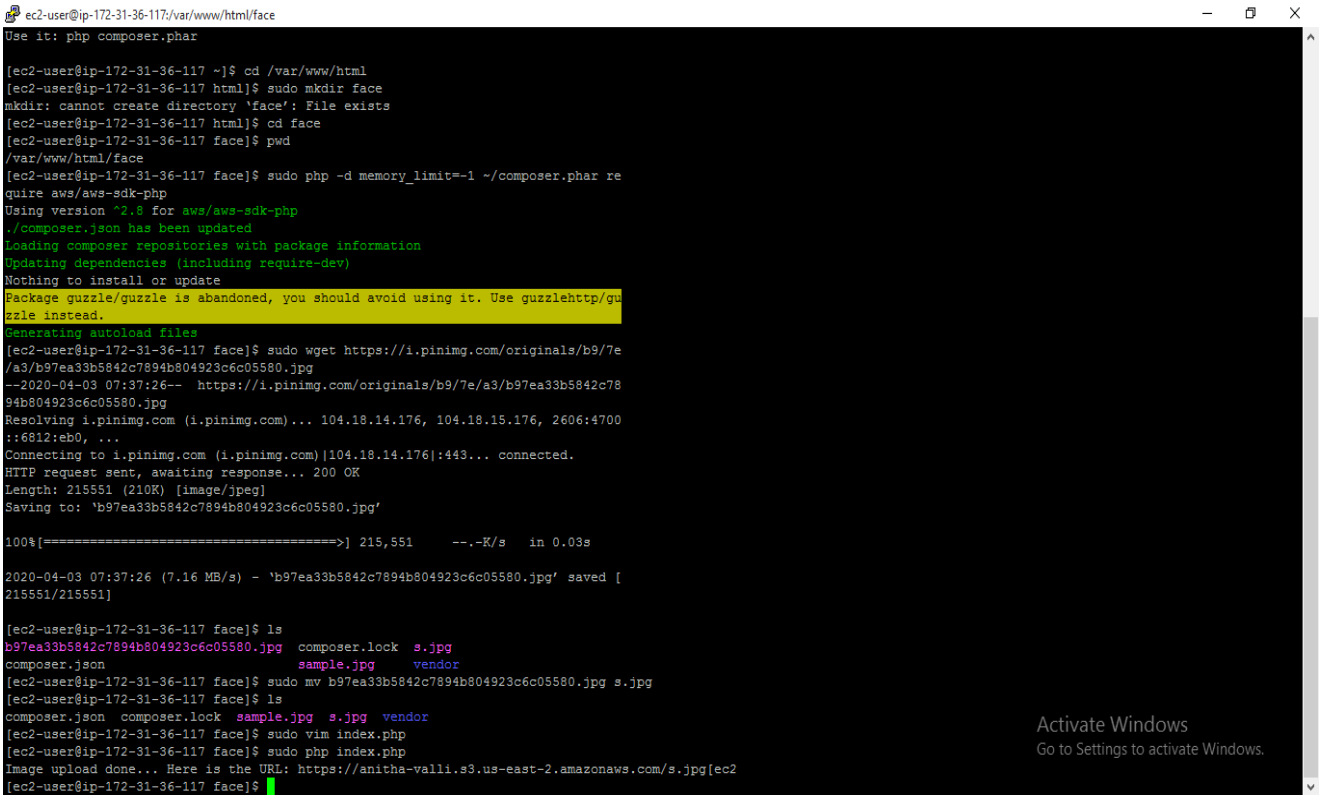


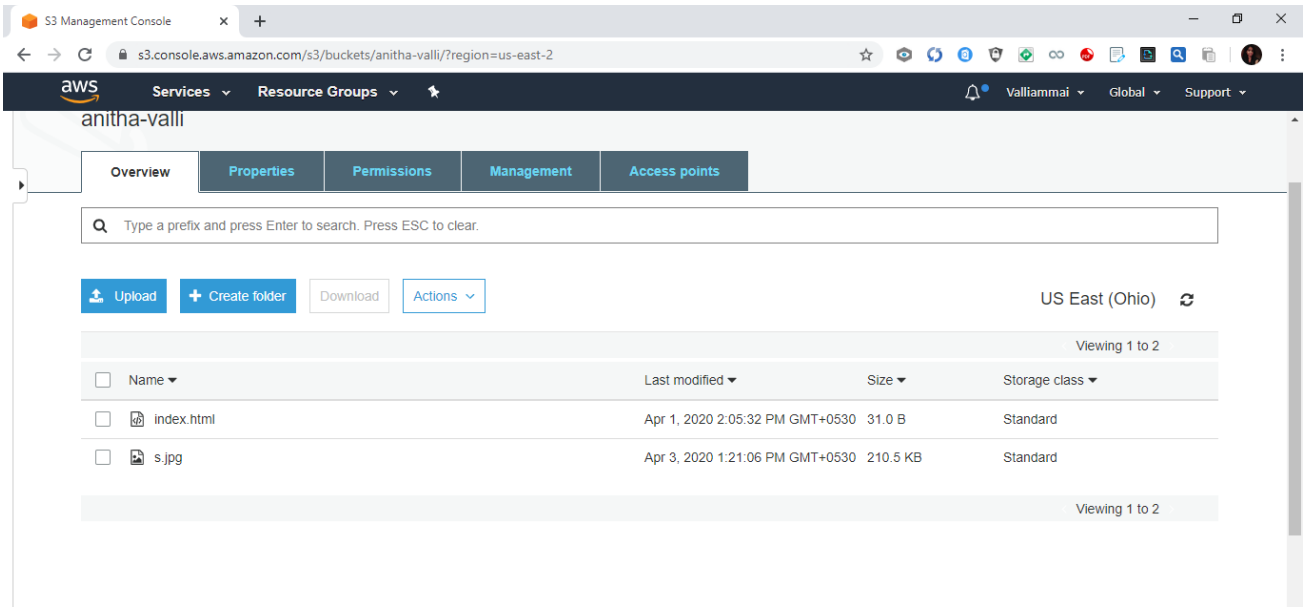
3)index.php file code

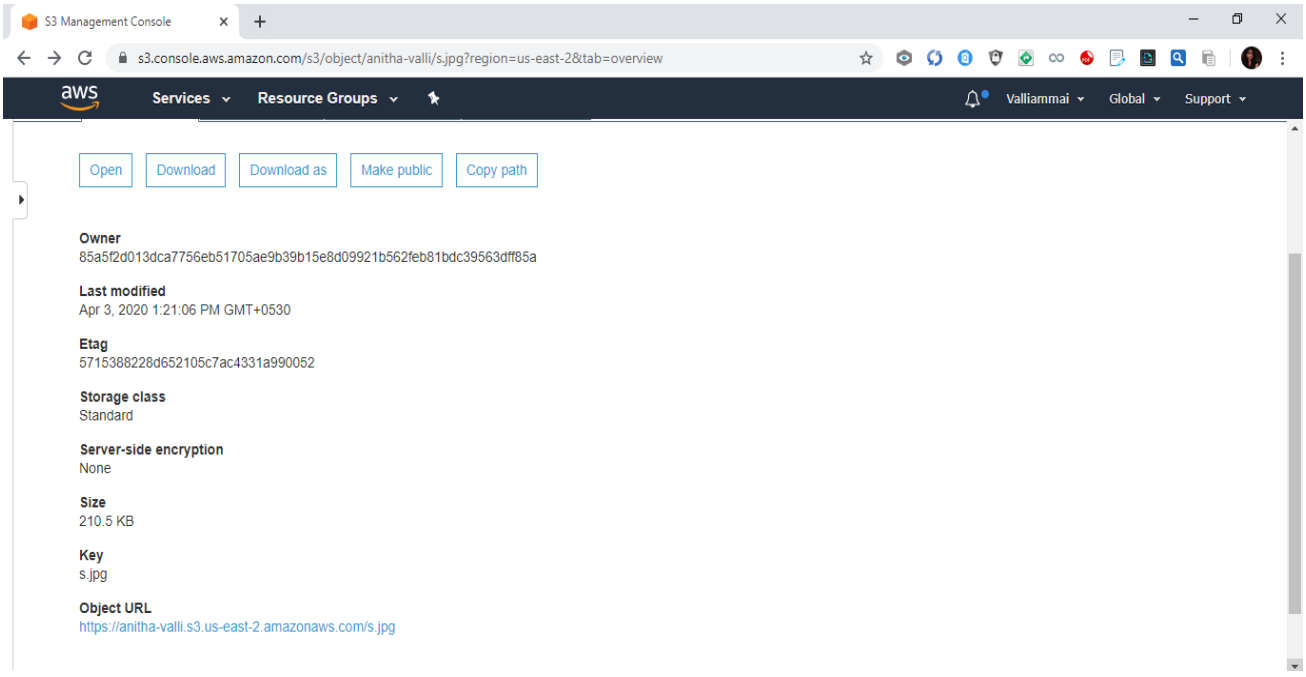


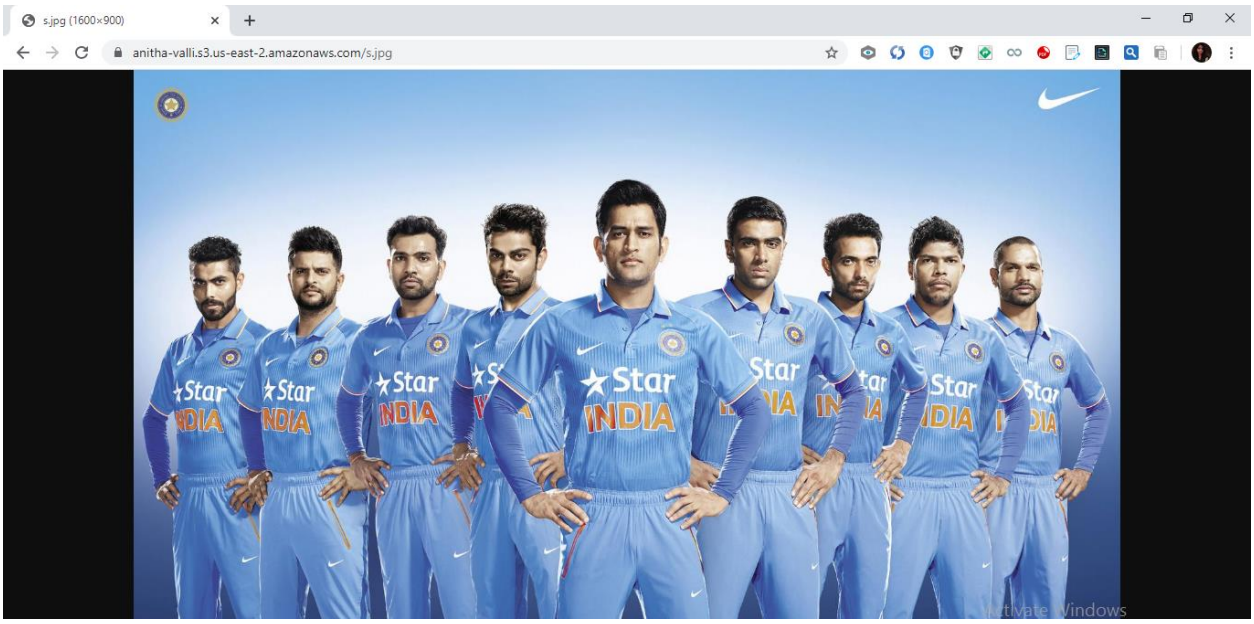
4)Upload success screenshot






S3 Management Console
s3.console.aws.amazon.com/s3/buckets/anitha-valli/?region=us-east-2
aws
Services
Resource Groups
Valliammai
Global
Support
anitha-valli
Overview
Properties
Permissions
Management
Access points
Type a prefix and press Enter to search. Press ESC to clear.
Upload
Create folder
Download
Actions
US East (Ohio)
Viewing 1 to 2
Name
Last modified
Size
Storage class
index.html
Apr 1, 2020 2:05:32 PM GMT+0530
31.0 B
Standard
s.jpg
Apr 3, 2020 1:21:06 PM GMT+0530
210.5 KB
Standard
Viewing 1 to 2


S3 Management Console
s3.console.aws.amazon.com/s3/object/anitha-valli/s.jpg?region=us-east-2&tab=overview
aws
Services
Resource Groups
Valliammai
Global
Support
Open
Download
Download as
Make public
Copy path
Owner
85a5f2d013dca7756eb51705ae9b39b15e8d09921b562feb81bdc39563dff85a
Last modified
Apr 3, 2020 1:21:06 PM GMT+0530
Etag
5715388228d652105c7ac4331a990052
Storage class
Standard
Server-side encryption
None
Size
210.5 KB
Key
s.jpg
Object URL
https://anitha-valli.s3.us-east-2.amazonaws.com/s.jpg


s.jpg (1600×900)
anitha-valli.s3.us-east-2.amazonaws.com/s.jpg
Star INDIA
Activate Windows