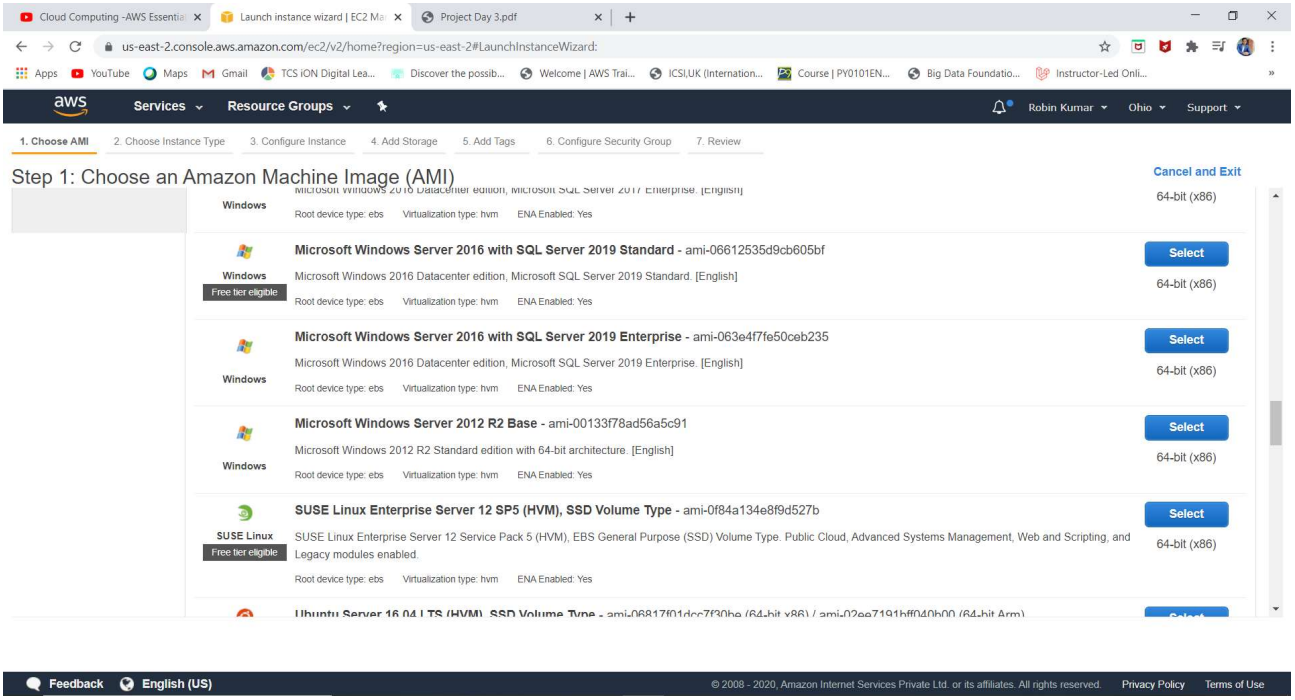
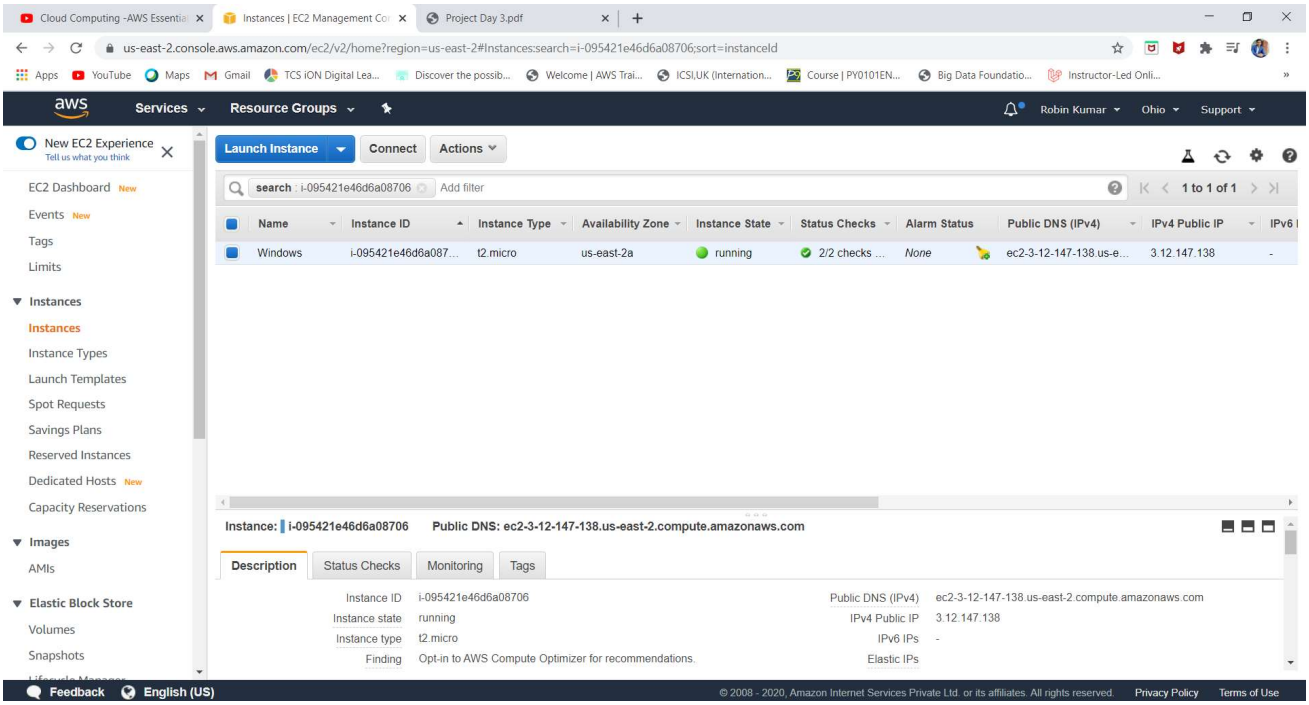
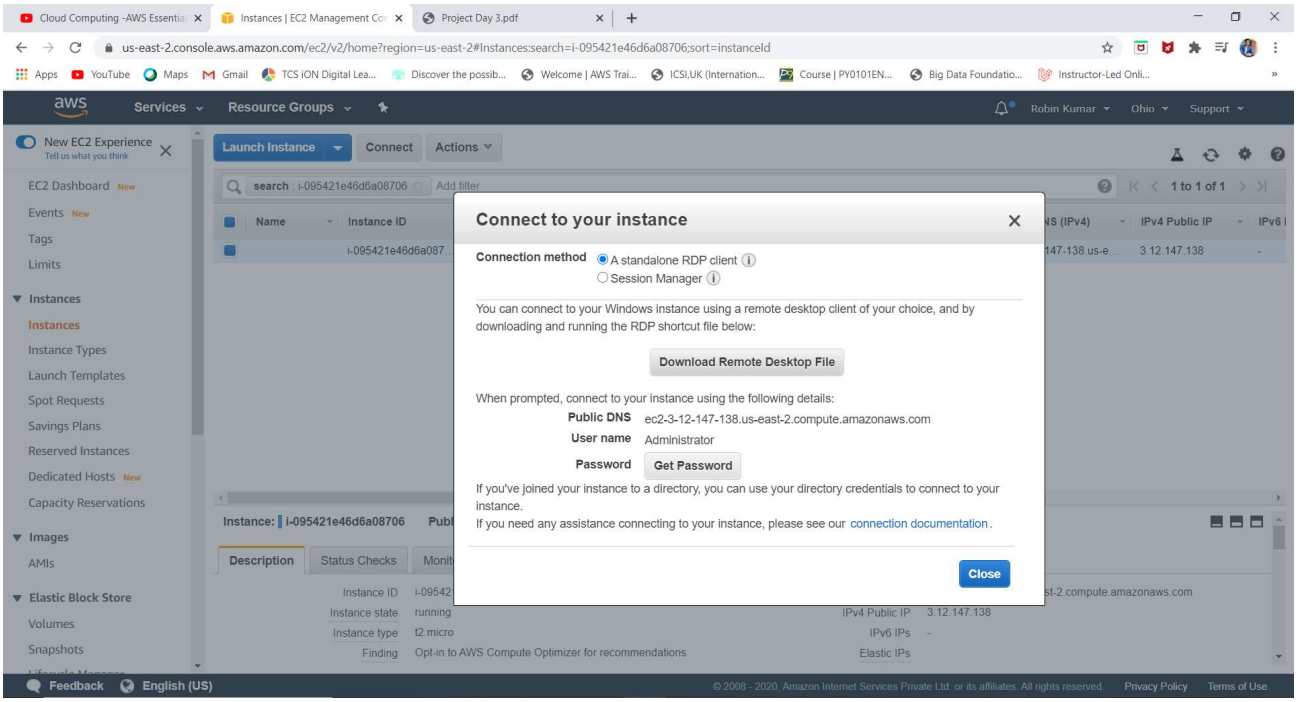
PROJECT 1: Deploying a web server in Windows instance

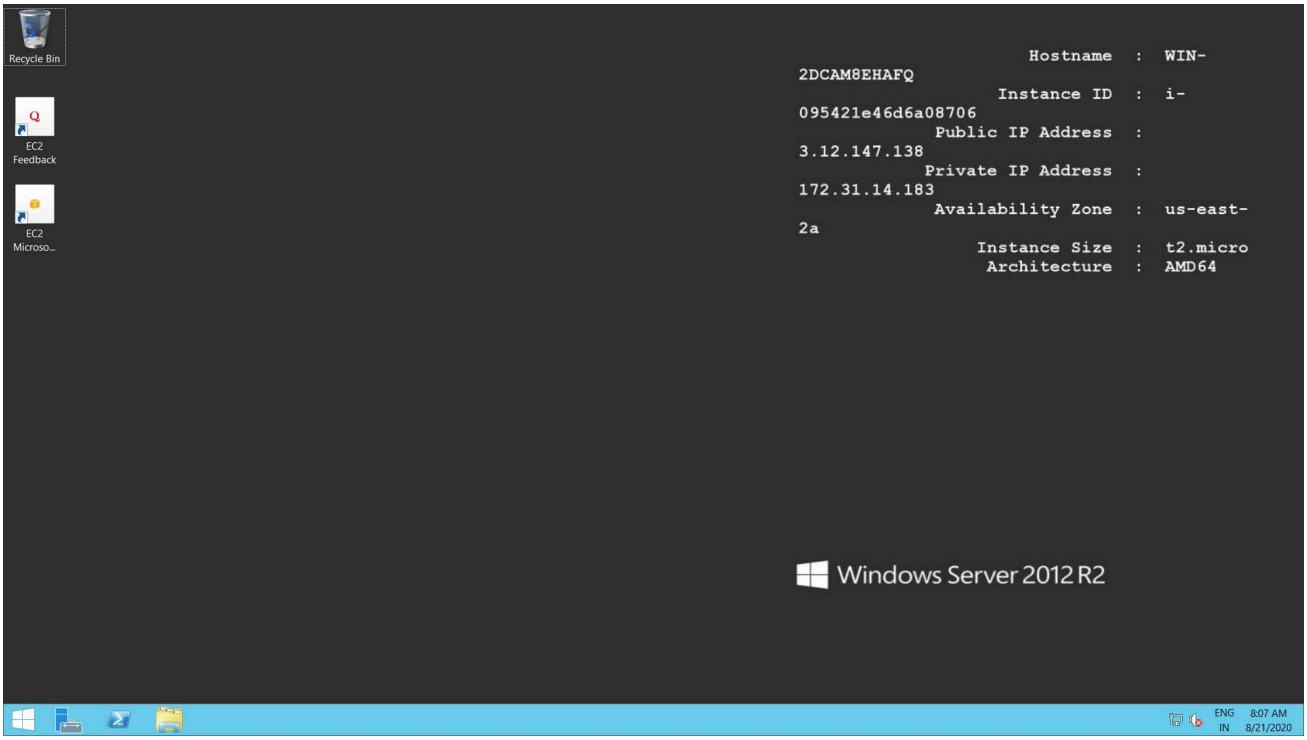
Task 1: Create a windows instance using AMI: Windows 2012 R2 base





Task 2: Launch the Windows instance using RDP

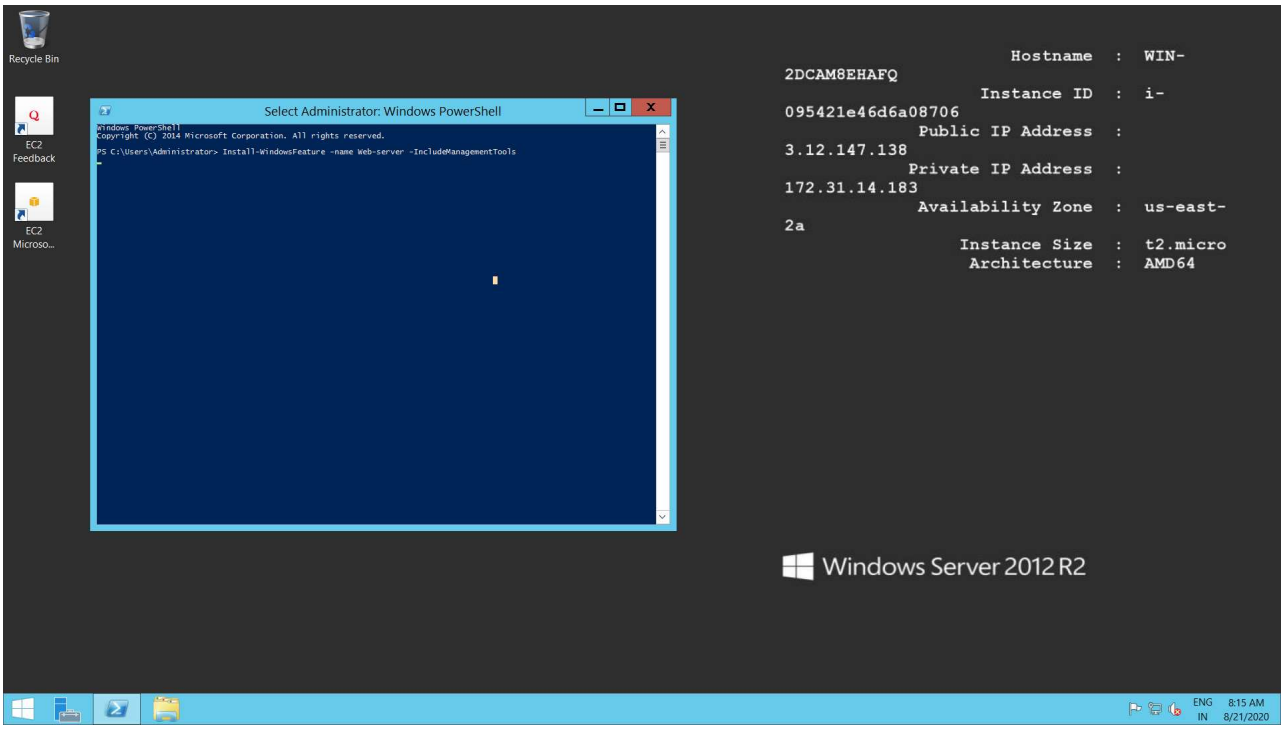




Task 3: Install IIS web server using Powershell ISE

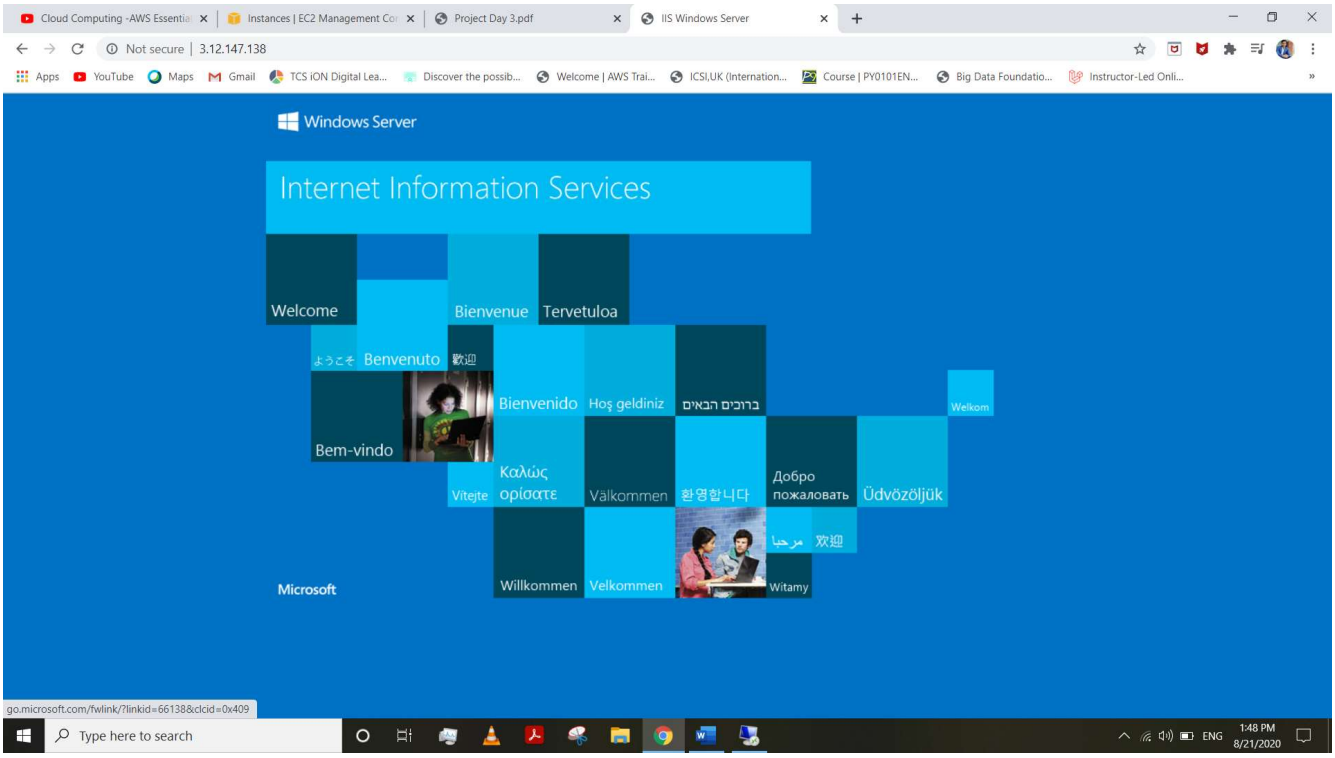
Note: Command to install the IIS web server.

Install-WindowsFeature -name Web-Server -IncludeManagementTools



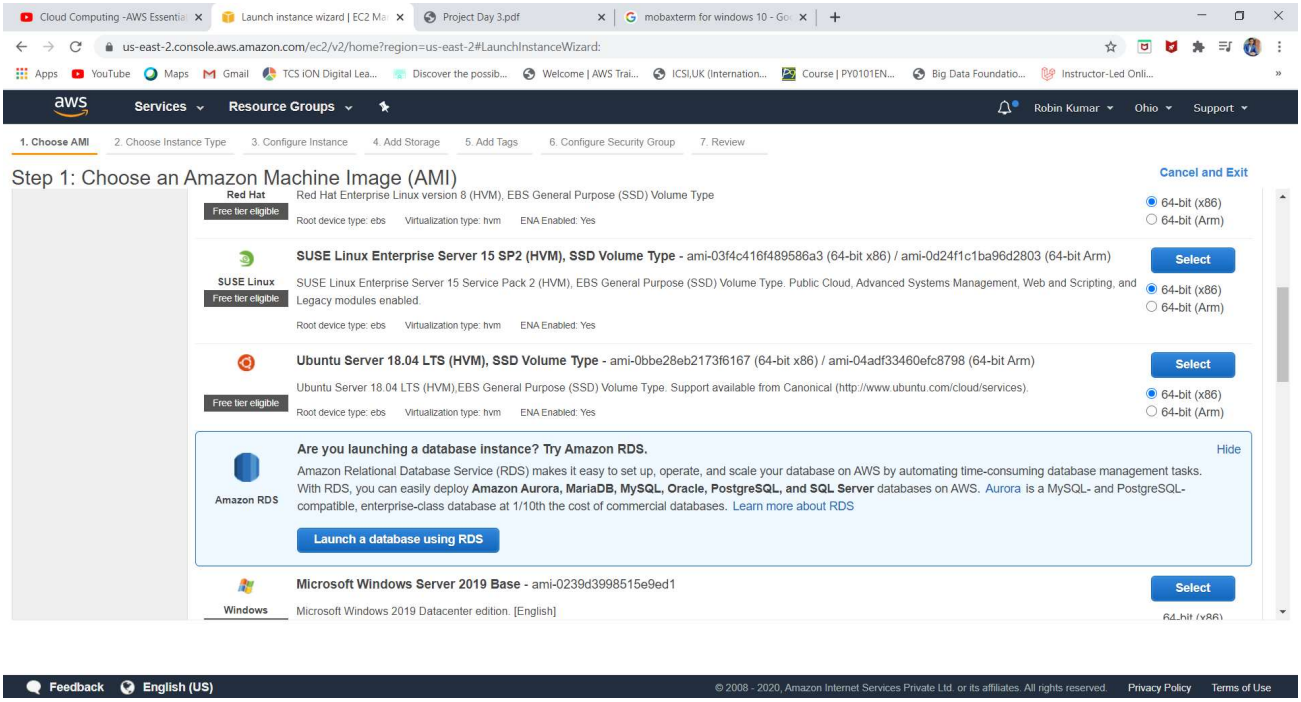
Task 4: Verify successful installation of IIS Web Server

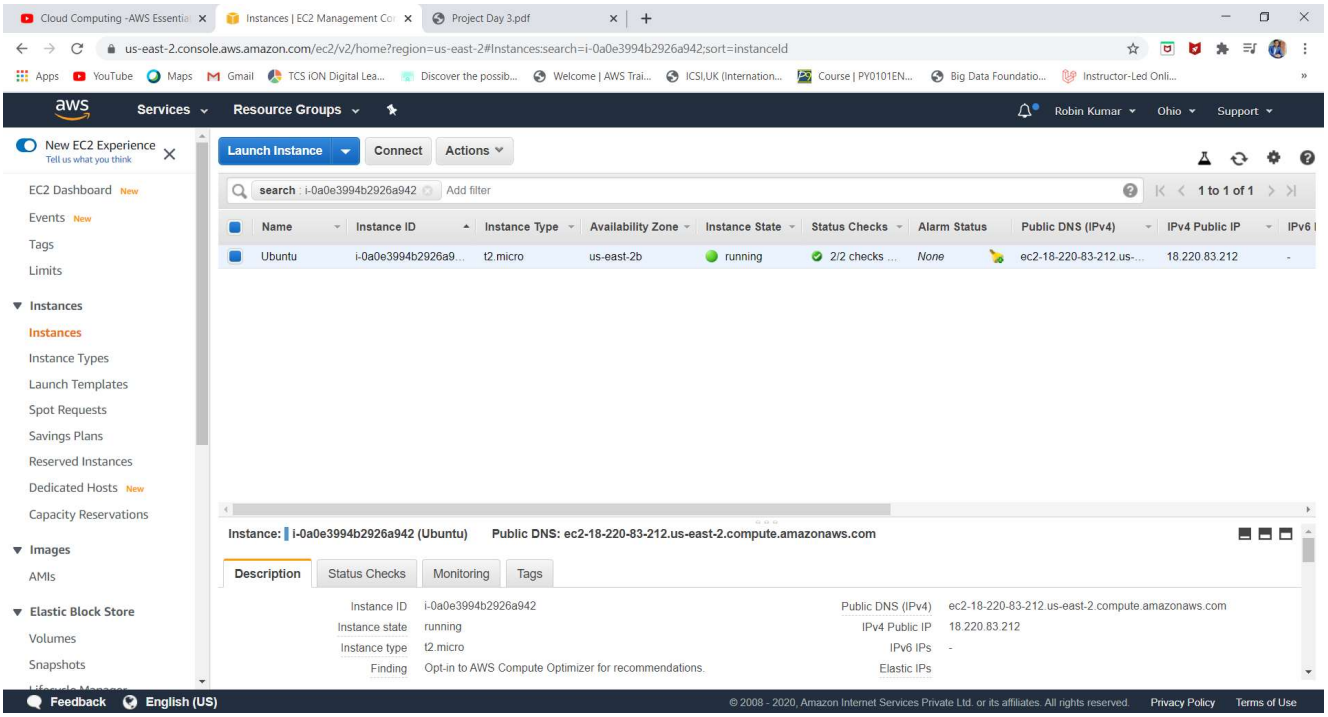
Note: You should be able to see the Internet Information Services Web page when you paste the public IP into the browser



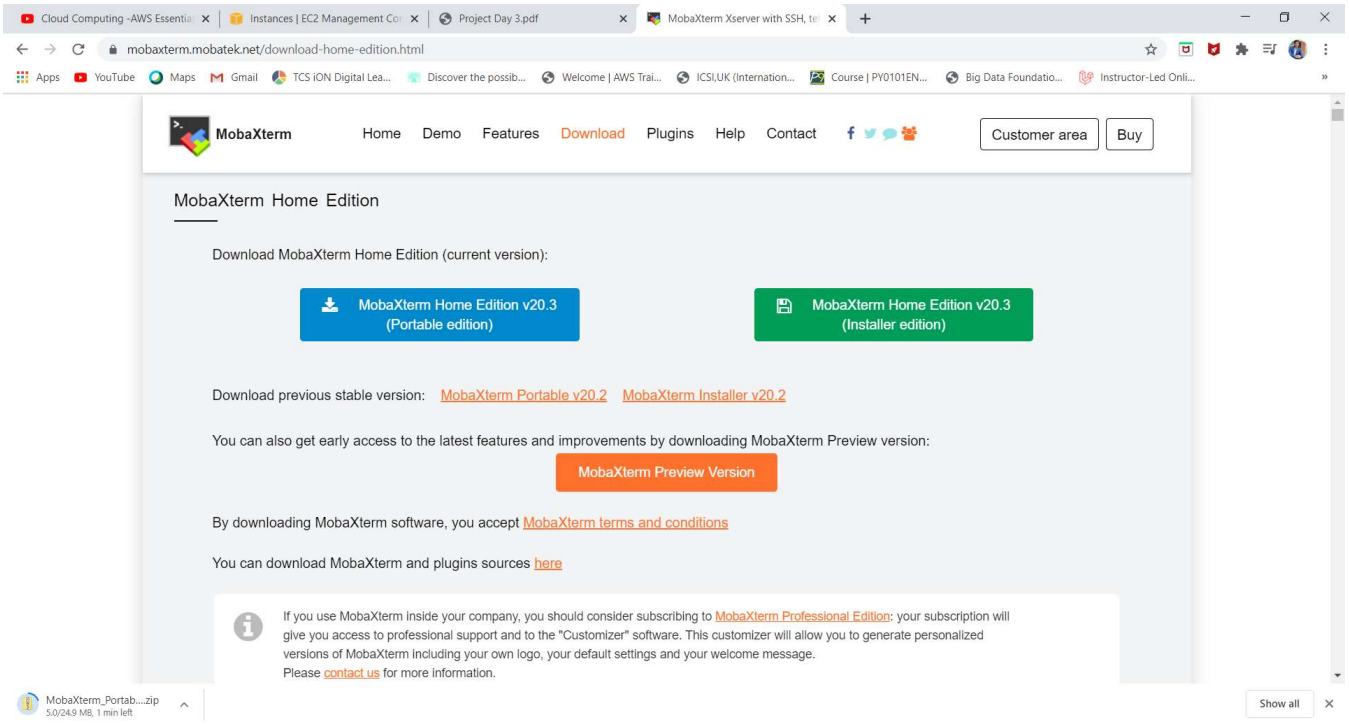
PROJECT 2: Deploying a web server in Ubuntu instance

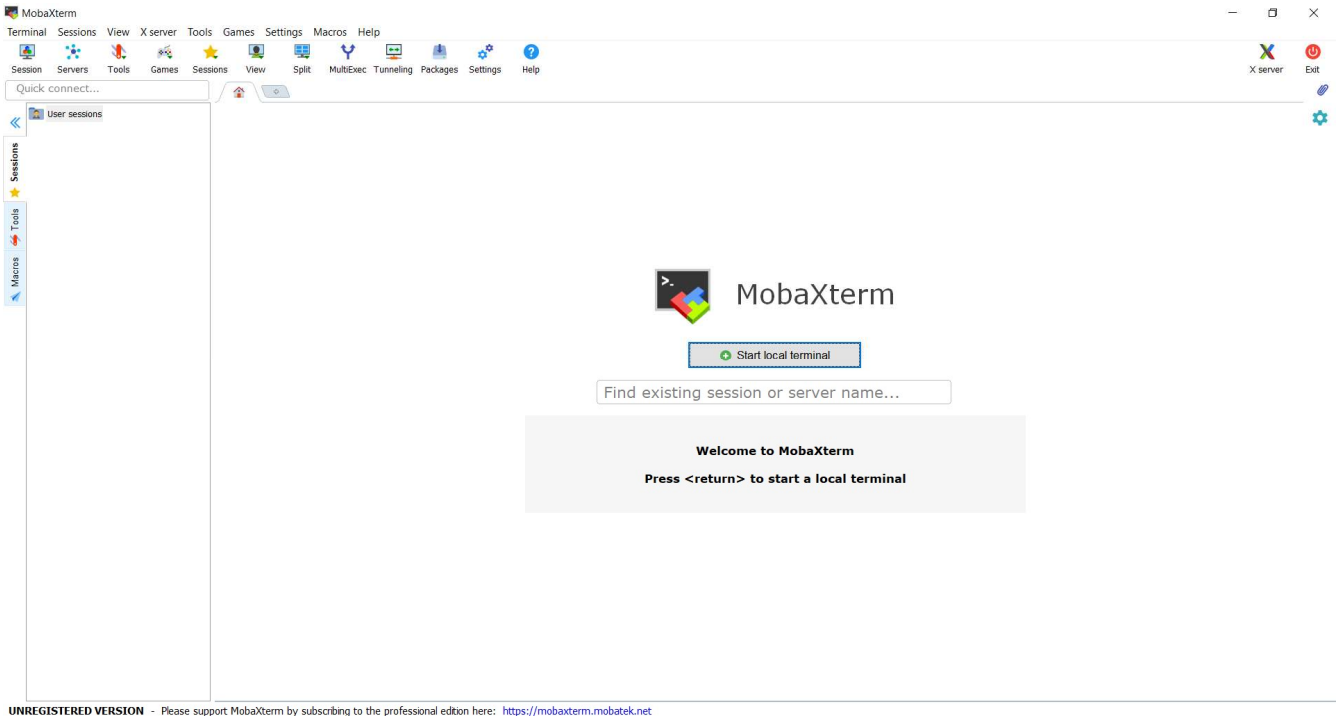
Task 1: Create a windows instance using AMI: Ubuntu Server 18.04 LTS (HVM).





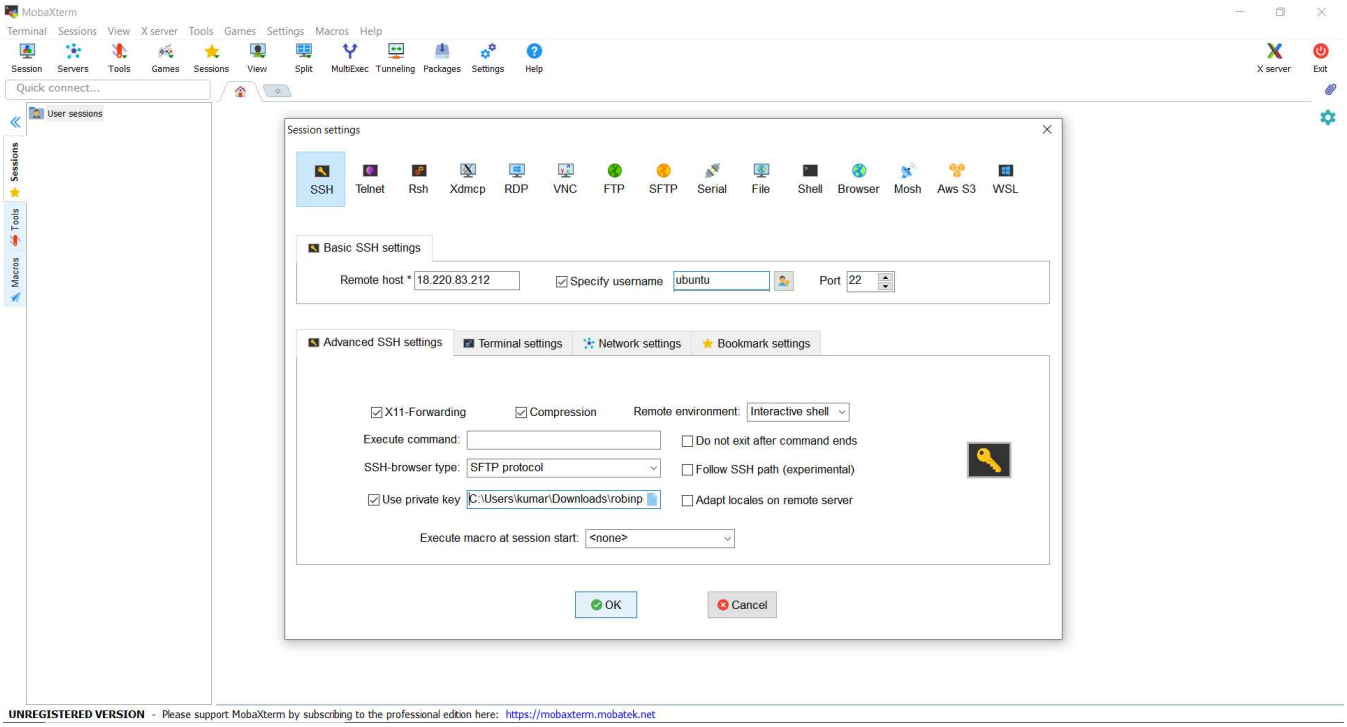
Task 2: Download and install MobaXterm Portable Edition

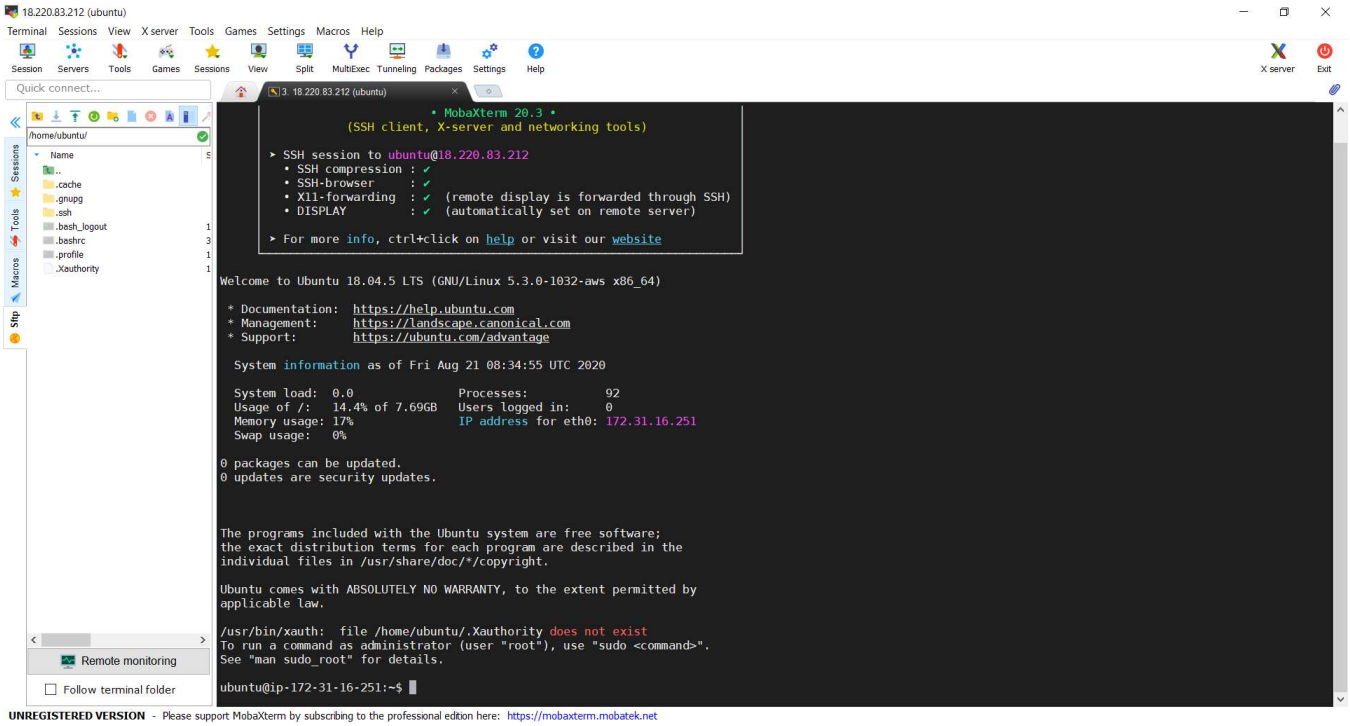




Task 3: Launch the Ubuntu instance using SSH

Note: Username is ubuntu



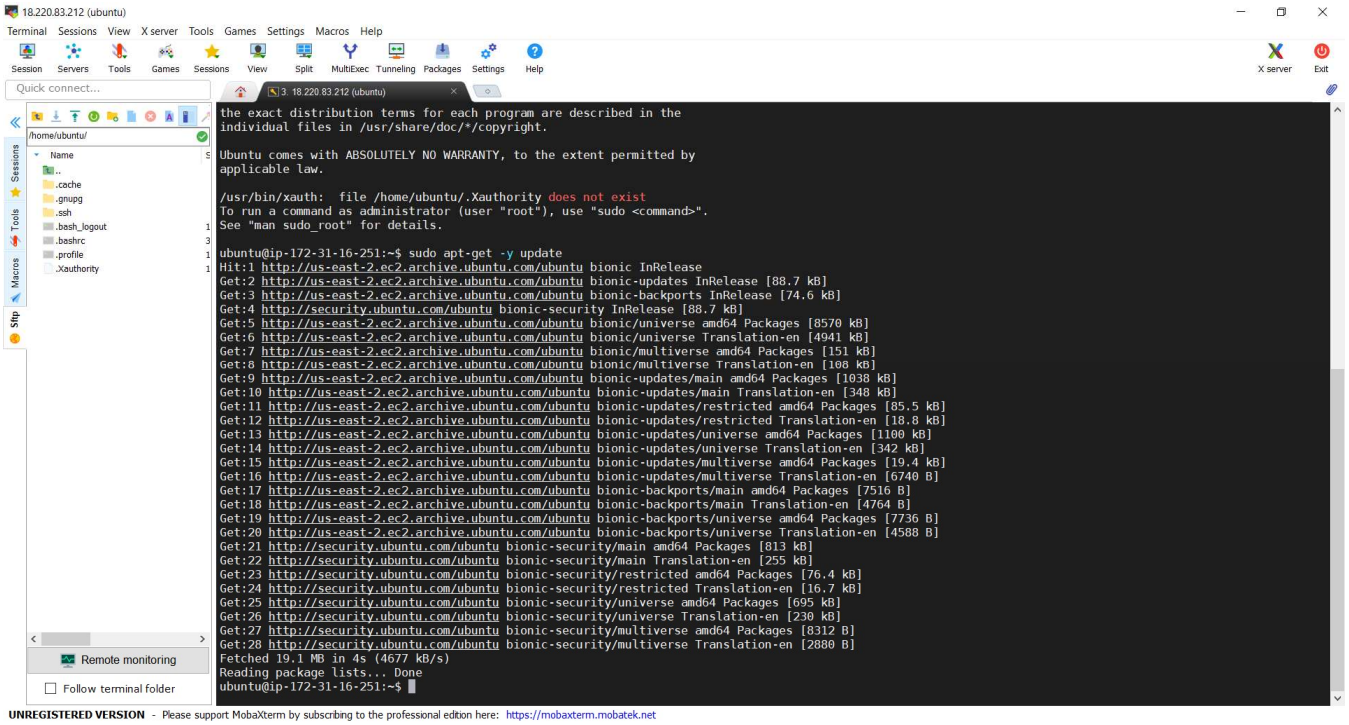


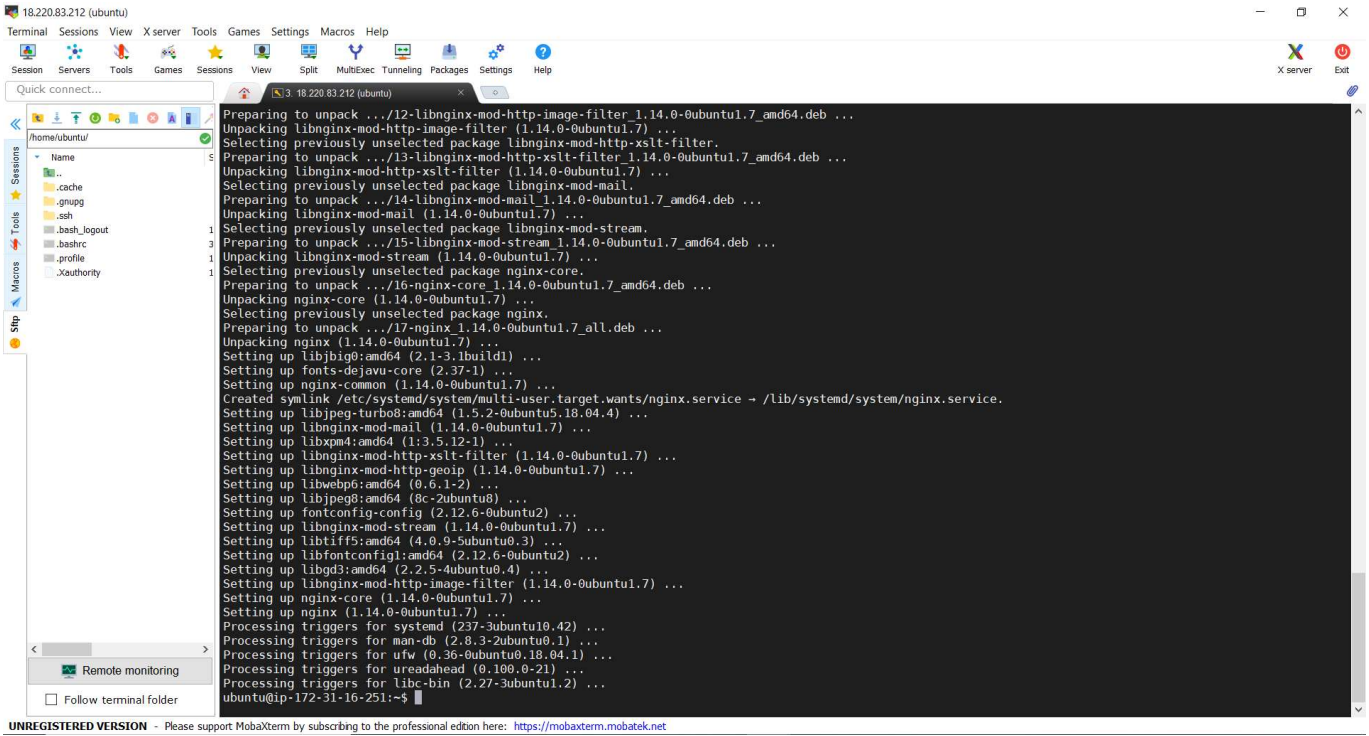
Task 4: Install ngnix web server using bash

Note: The command to install the ngnix web server.

sudo apt-get -y update

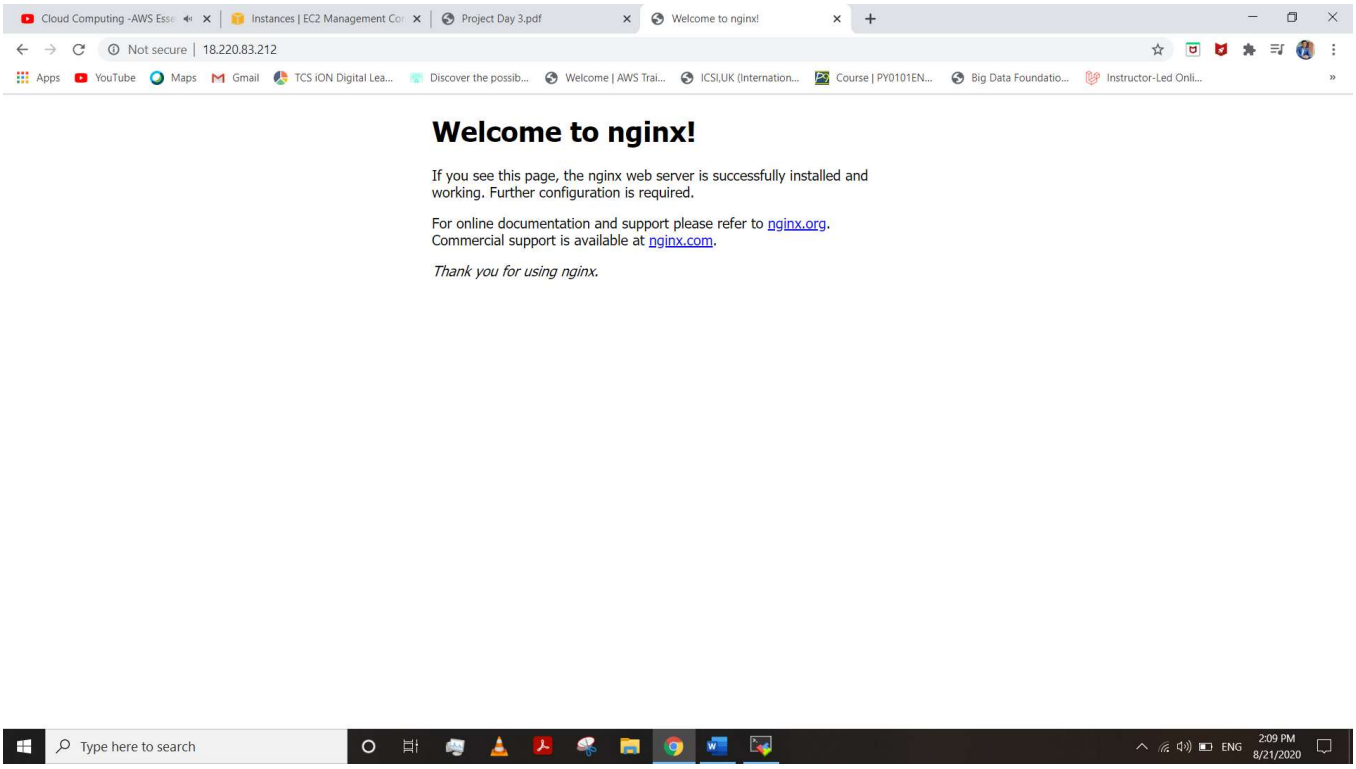
sudo apt-get -y install nginx

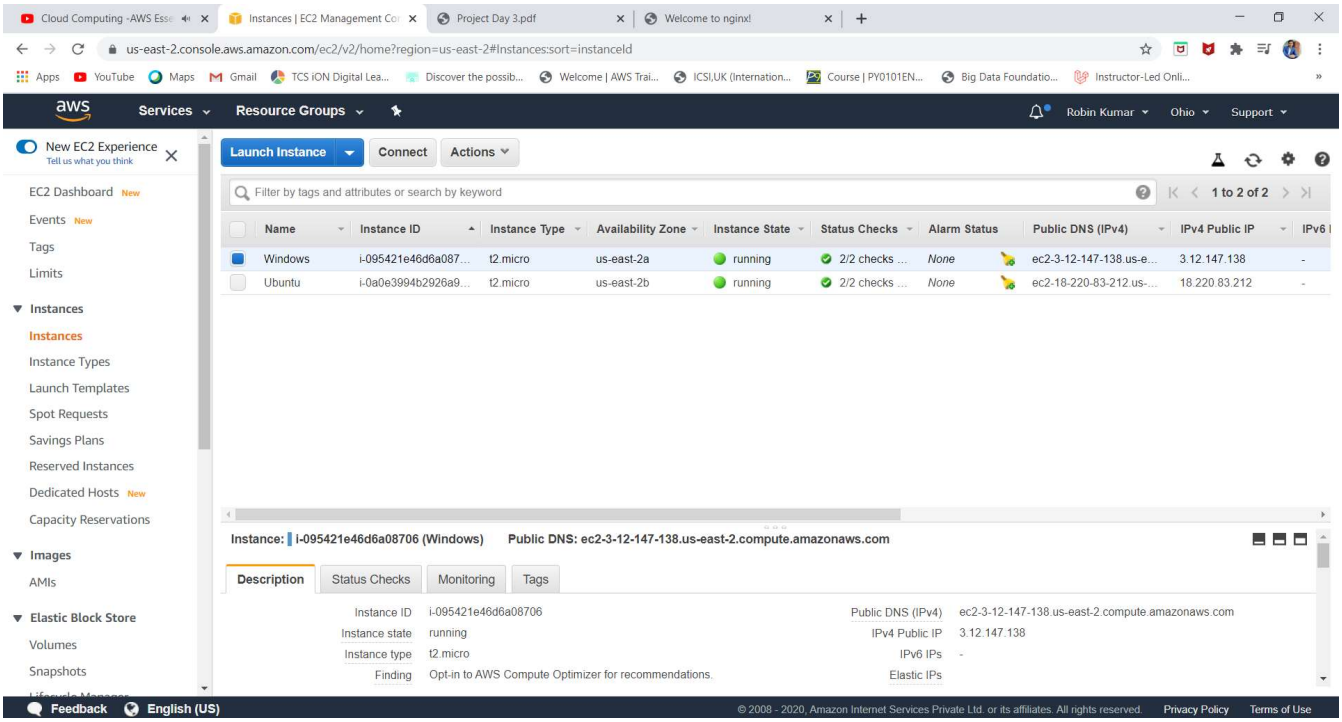




Task 5: Verify successful installation of ngnix

Note: You should be able to see the Welcome to ngnix Web page when you paste the public IP into the browser

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Instances | EC2 Management Co
Project Day 3.pdf
Welcome to nginx!
us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Instances:sort=instanceId
Apps YouTube Maps Gmail TCS iON Digital Lea... Discover the possib... Welcome | AWS Trai... ICSI,UK (Internation... Course | PY0101EN... Big Data Foundatio... Instructor-Led Onli...
aws Services Resource Groups Robin Kumar Ohio Support
New EC2 Experience
Tell us what you think
EC2 Dashboard New
Events New
Tags
Limits
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts New
Capacity Reservations
Images
AMIs
Elastic Block Store
Volumes
Snapshots
Launch Instance Connect Actions
Filter by tags and attributes or search by keyword
1 to 2 of 2
Name Instance ID Instance Type Availability Zone Instance State Status Checks Alarm Status Public DNS (IPv4) IPv4 Public IP IPv6
Windows i-095421e46d6a087... t2.micro us-east-2a running 2/2 checks ... None ec2-3-12-147-138.us-e... 3.12.147.138 -
Ubuntu i-0a0e3994b2926a9... t2.micro us-east-2b running 2/2 checks ... None ec2-18-220-83-212.us-... 18.220.83.212 -
Instance: i-095421e46d6a08706 (Windows) Public DNS: ec2-3-12-147-138.us-east-2.compute.amazonaws.com
Description Status Checks Monitoring Tags
Instance ID i-095421e46d6a08706
Instance state running
Instance type t2.micro
Finding Opt-in to AWS Compute Optimizer for recommendations.
Public DNS (IPv4) ec2-3-12-147-138.us-east-2.compute.amazonaws.com
IPv4 Public IP 3.12.147.138
IPv6 IPs -
Elastic IPs
Feedback English (US)
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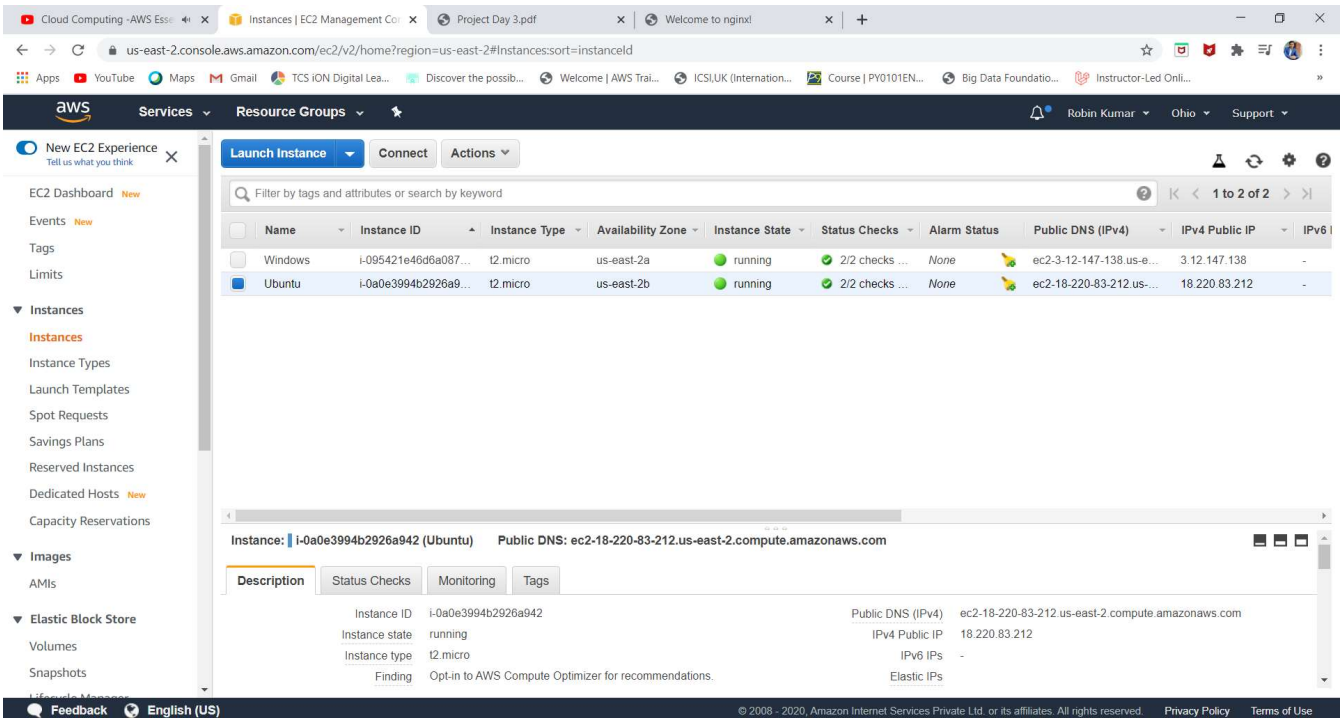
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Instances | EC2 Management Co
Project Day 3.pdf
Welcome to nginx!
us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Instances:sort=instanceId
Apps YouTube Maps Gmail TCS iON Digital Lea... Discover the possib... Welcome | AWS Trai... ICSI,UK (Internation... Course | PY0101EN... Big Data Foundatio... Instructor-Led Onli...
aws Services Resource Groups Robin Kumar Ohio Support
New EC2 Experience
Tell us what you think
EC2 Dashboard New
Events New
Tags
Limits
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts New
Capacity Reservations
Images
AMIs
Elastic Block Store
Volumes
Snapshots
Launch Instance Connect Actions
Filter by tags and attributes or search by keyword
1 to 2 of 2
Name Instance ID Instance Type Availability Zone Instance State Status Checks Alarm Status Public DNS (IPv4) IPv4 Public IP IPv6
Windows i-095421e46d6a087... t2.micro us-east-2a running 2/2 checks ... None ec2-3-12-147-138.us-e... 3.12.147.138 -
Ubuntu i-0a0e3994b2926a9... t2.micro us-east-2b running 2/2 checks ... None ec2-18-220-83-212.us-... 18.220.83.212 -
Instance: i-0a0e3994b2926a942 (Ubuntu) Public DNS: ec2-18-220-83-212.us-east-2.compute.amazonaws.com
Description Status Checks Monitoring Tags
Instance ID i-0a0e3994b2926a942
Instance state running
Instance type t2.micro
Finding Opt-in to AWS Compute Optimizer for recommendations.
Public DNS (IPv4) ec2-18-220-83-212.us-east-2.compute.amazonaws.com
IPv4 Public IP 18.220.83.212
IPv6 IPs -
Elastic IPs
Feedback English (US)
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