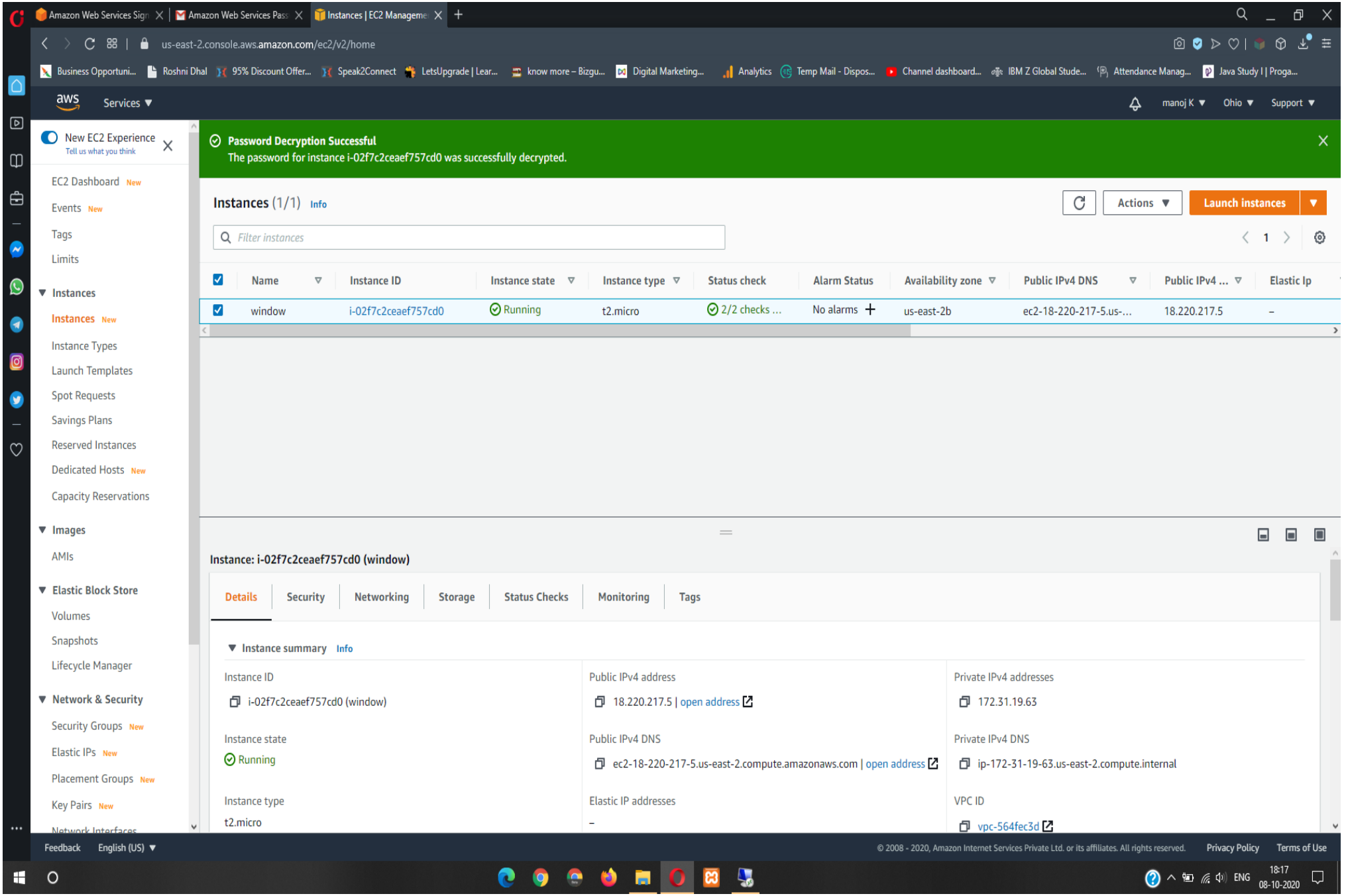
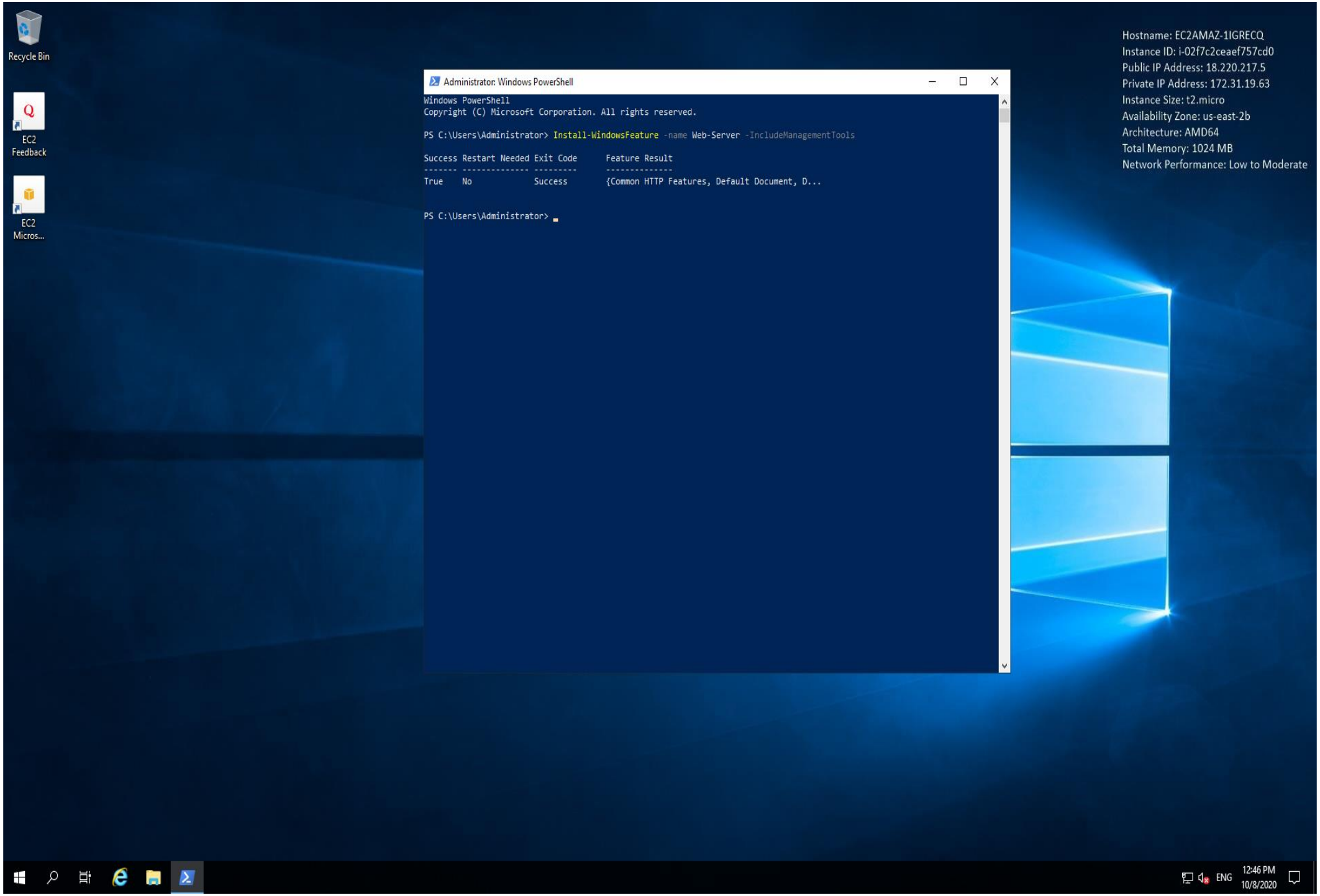
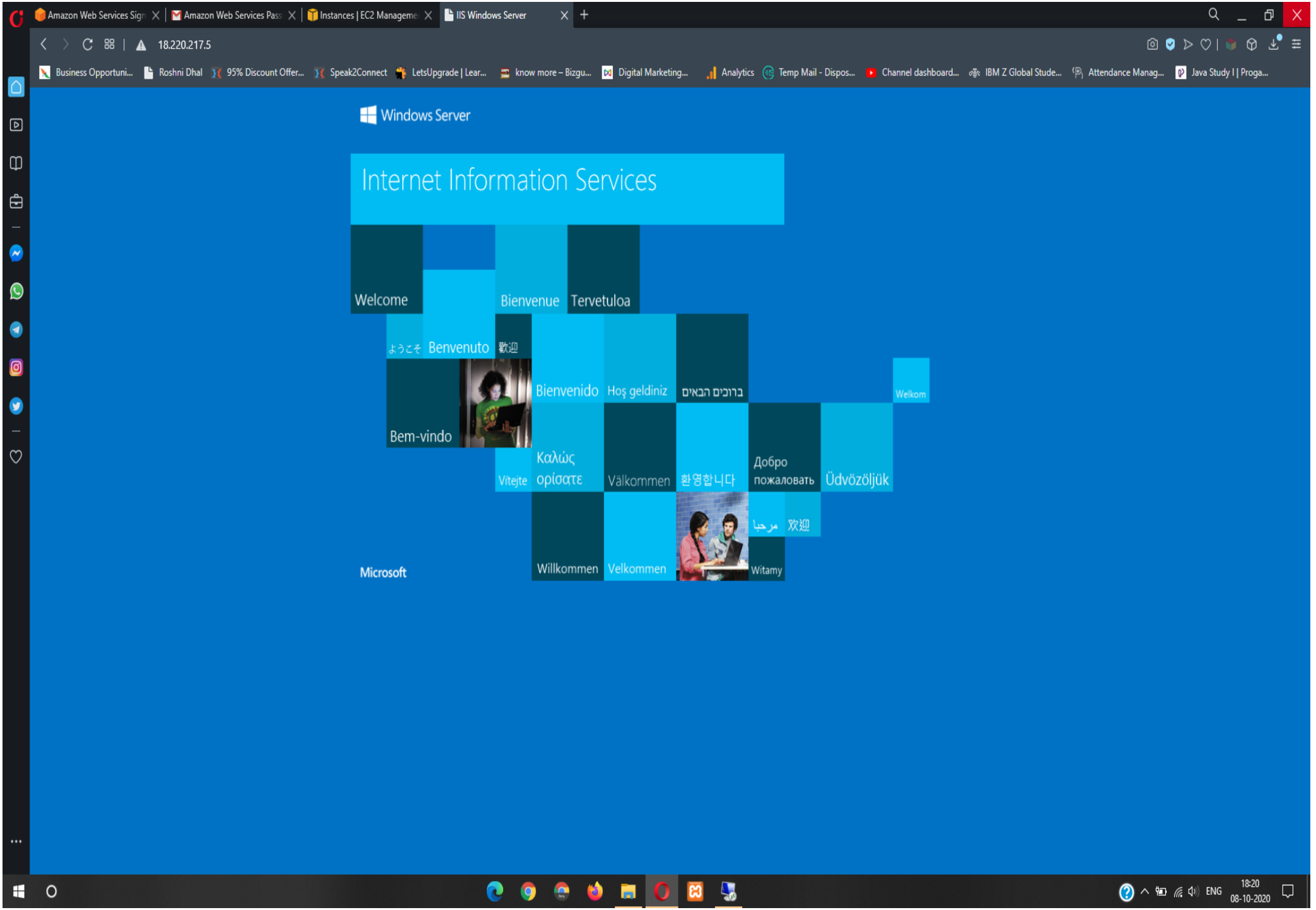
PROJECT 1

Windows Instance

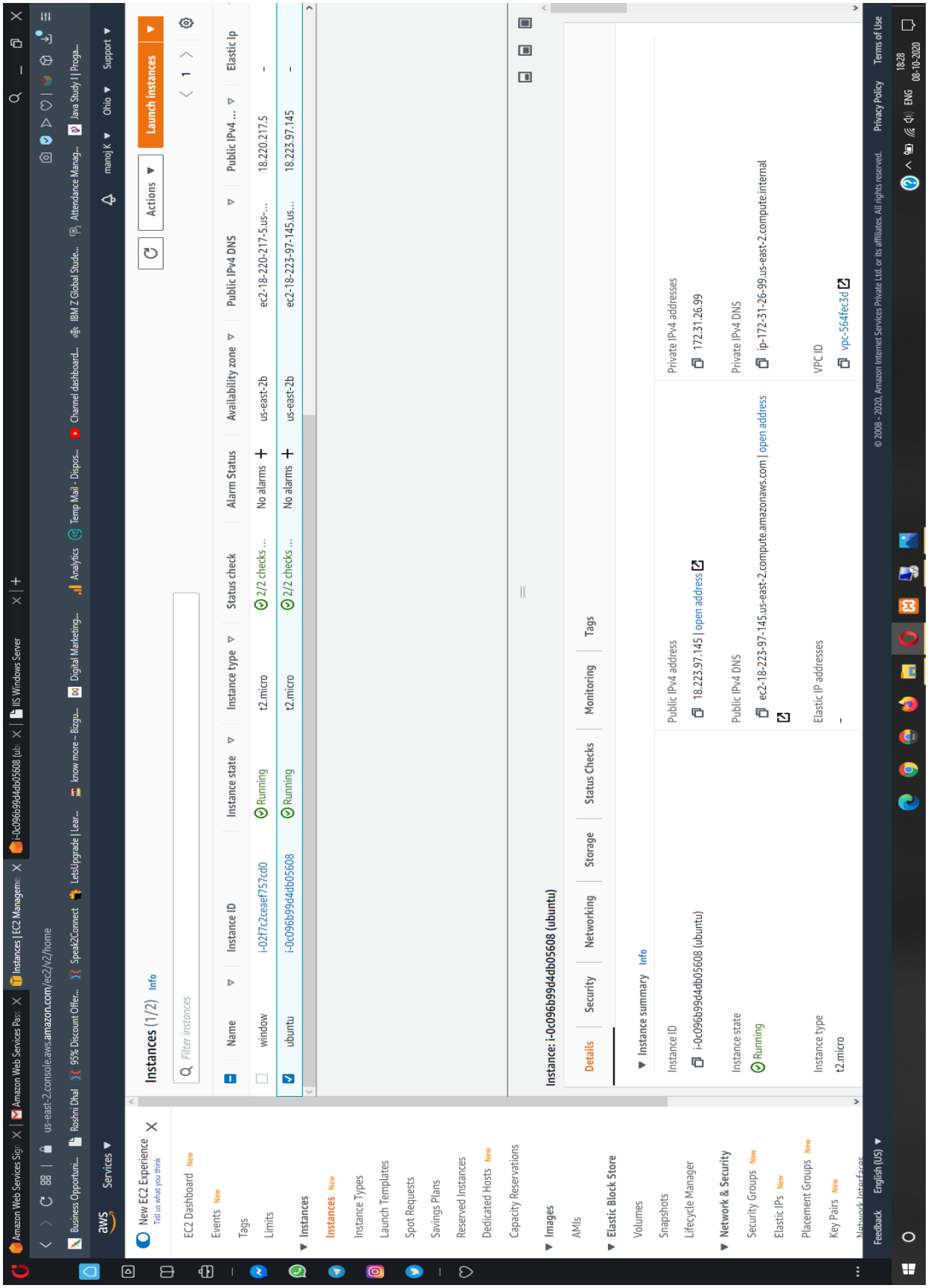

Amazon Web Services Sign
Amazon Web Services Pass
Instances | EC2 Manageme
us-east-2.console.aws.amazon.com/ec2/v2/home
Business Opportuni...
Roshni Dhal
95% Discount Offer...
Speak2Connect
LetsUpgrade | Lear...
know more – Bizgu...
Digital Marketing...
Analytics
Temp Mail - Dispos...
Channel dashboard...
IBM Z Global Stude...
Attendance Manag...
Java Study I | Proga...
aws
Services
manoj K
Ohio
Support
New EC2 Experience
Tell us what you think
EC2 Dashboard New
Events New
Tags
Limits
Instances
Instances New
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts New
Capacity Reservations
Images
AMIs
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Network & Security
Security Groups New
Elastic IPs New
Placement Groups New
Key Pairs New
Password Decryption Successful
The password for instance i-02f7c2ceaef757cd0 was successfully decrypted.
Instances (1/1) Info
Actions
Launch instances
Filter instances
1
Name
Instance ID
Instance state
Instance type
Status check
Alarm Status
Availability zone
Public IPv4 DNS
Public IPv4 ...
Elastic Ip
window
i-02f7c2ceaef757cd0
Running
t2.micro
2/2 checks ...
No alarms
us-east-2b
ec2-18-220-217-5.us-...
18.220.217.5
–
Instance: i-02f7c2ceaef757cd0 (window)
Details
Security
Networking
Storage
Status Checks
Monitoring
Tags
Instance summary Info
Instance ID
i-02f7c2ceaef757cd0 (window)
Instance state
Running
Instance type
t2.micro
Public IPv4 address
18.220.217.5 | open address
Public IPv4 DNS
ec2-18-220-217-5.us-east-2.compute.amazonaws.com | open address
Elastic IP addresses
–
Private IPv4 addresses
172.31.19.63
Private IPv4 DNS
ip-172-31-19-63.us-east-2.compute.internal
VPC ID
vpc-564fec3d
Feedback
English (US)
© 2008 - 2020, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved.
Privacy Policy
Terms of Use
ENG
18:17
08-10-2020

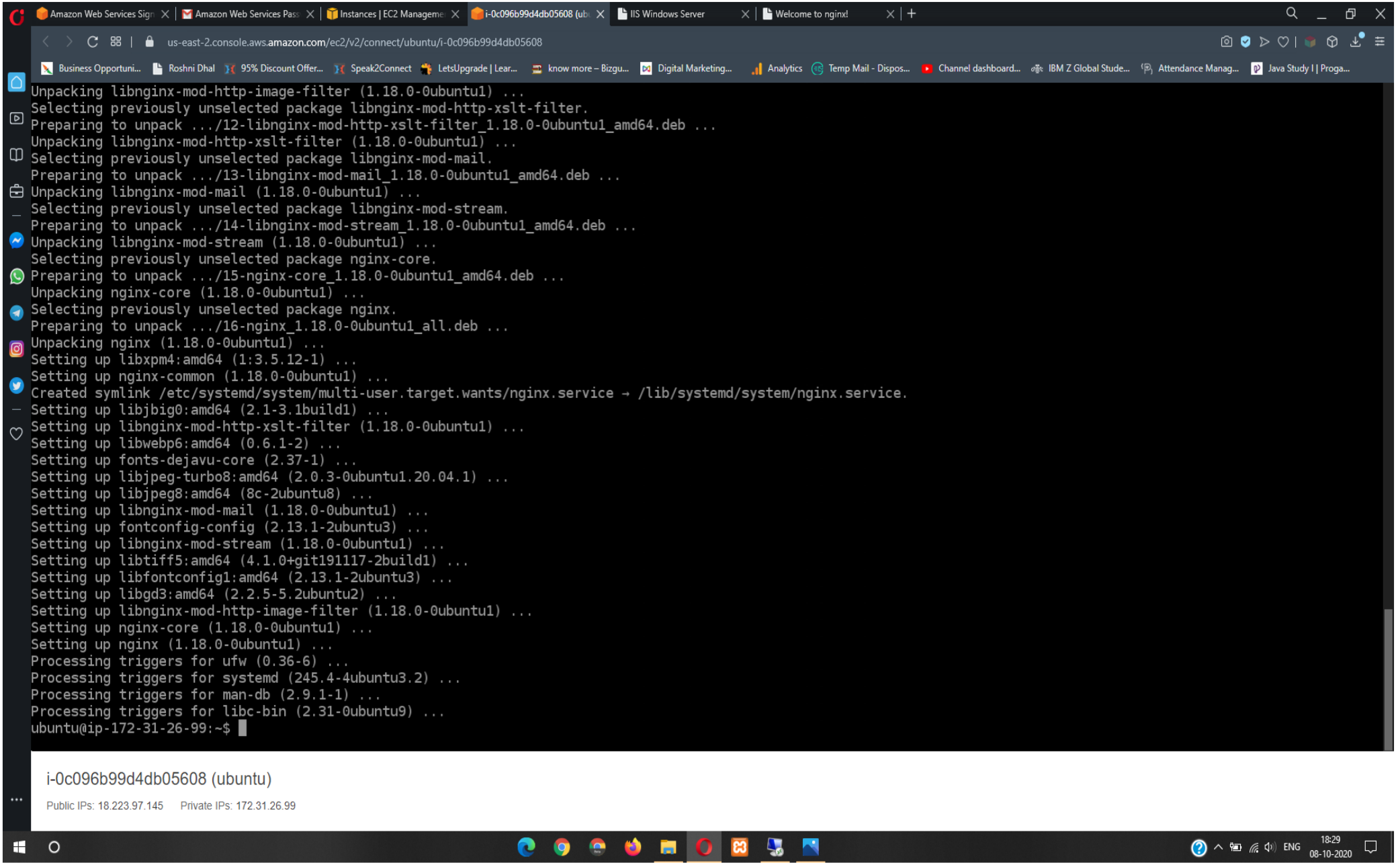

Recycle Bin
EC2 Feedback
EC2 Micros...
Administrator: Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
PS C:\Users\Administrator> Install-WindowsFeature -name Web-Server -IncludeManagementTools
Success Restart Needed Exit Code Feature Result
True No Success {Common HTTP Features, Default Document, D...
PS C:\Users\Administrator>
Hostname: EC2AMAZ-1IGRECQ
Instance ID: i-02f7c2ceaef757cd0
Public IP Address: 18.220.217.5
Private IP Address: 172.31.19.63
Instance Size: t2.micro
Availability Zone: us-east-2b
Architecture: AMD64
Total Memory: 1024 MB
Network Performance: Low to Moderate
ENG
12:46 PM
10/8/2020

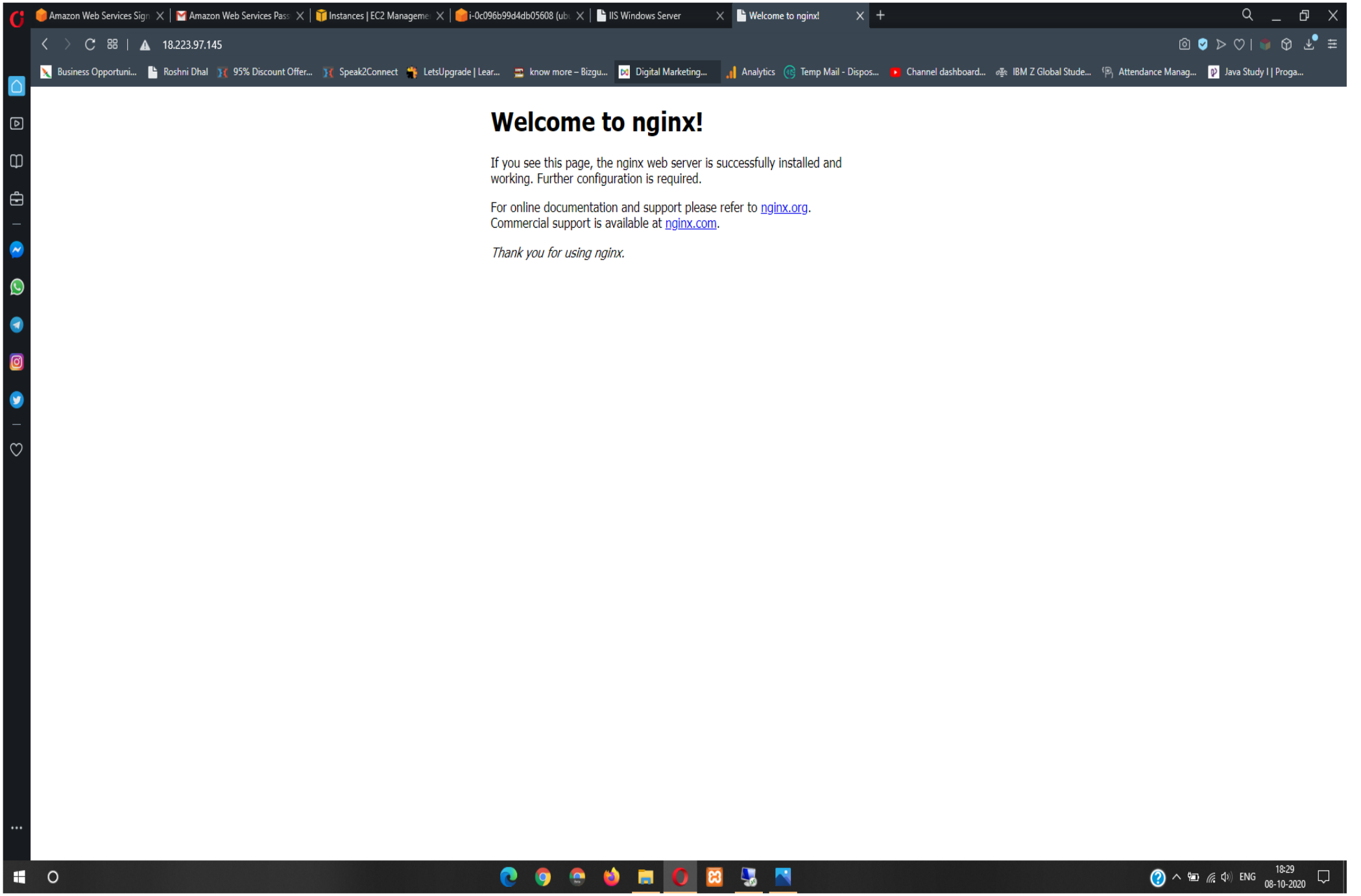

Amazon Web Services Sign
Amazon Web Services Pass
Instances | EC2 Manageme
IIS Windows Server
18.220.217.5
Business Opportuni...
Roshni Dhal
95% Discount Offer...
Speak2Connect
LetsUpgrade | Lear...
know more – Bizgu...
Digital Marketing...
Analytics
Temp Mail - Dispos...
Channel dashboard...
IBM Z Global Stude...
Attendance Manag...
Java Study I | Proga...
Windows Server
Internet Information Services
Welcome
Bienvenue
Tervetuloa
ようこそ
Benvenuto
歡迎
Bienvenido
Hoş geldiniz
ברוכים הבאים
Welkom
Bem-vindo
Vítejte
Καλώς ορίσατε
Välkommen
환영합니다
Добро пожаловать
Üdvözöljük
مرحبا
欢迎
Willkommen
Velkommen
Witamy
Microsoft
ENG
18:20
08-10-2020

PROJECT 2

UBUNTU SERVER

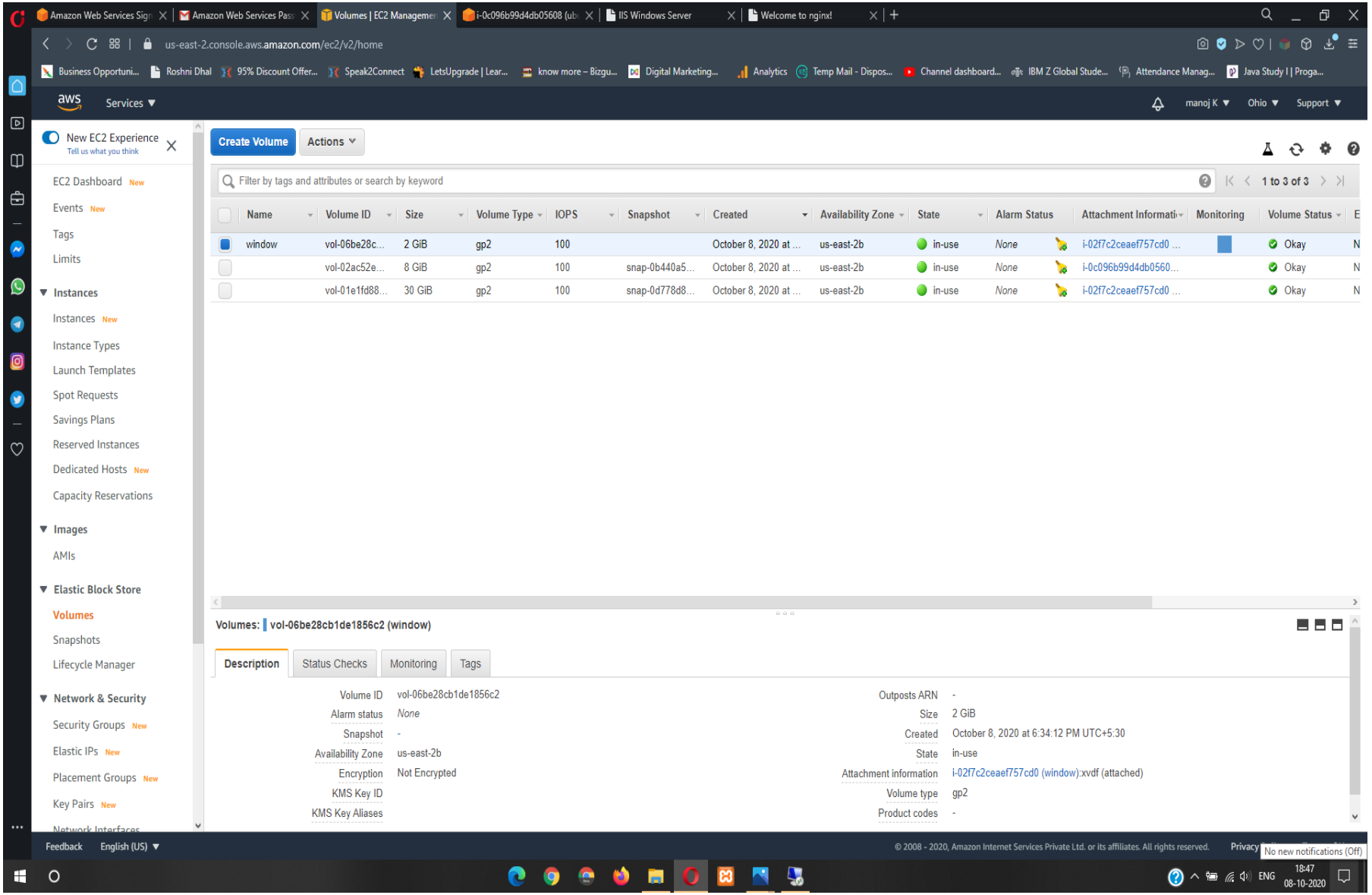


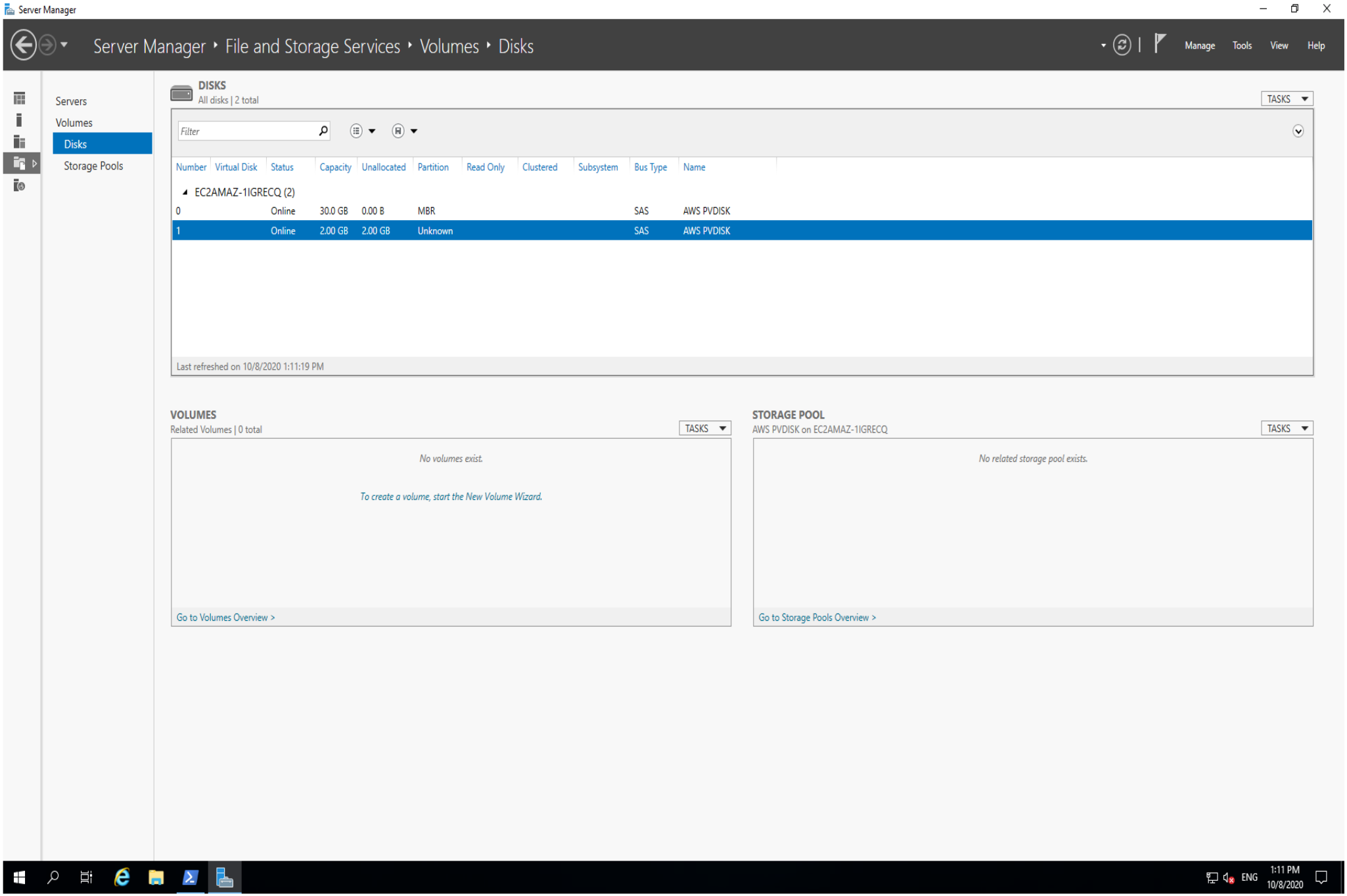

Amazon Web Services Sign
Amazon Web Services Pass
Instances | EC2 Manageme
i-0c096b99d4db05608 (ub
IIS Windows Server
Welcome to nginx!
us-east-2.console.aws.amazon.com/ec2/v2/connect/ubuntu/i-0c096b99d4db05608
Business Opportuni...
Roshni Dhal
95% Discount Offer...
Speak2Connect
LetsUpgrade | Lear...
know more – Bizgu...
Digital Marketing...
Analytics
Temp Mail - Dispos...
Channel dashboard...
IBM Z Global Stude...
Attendance Manag...
Java Study I | Proga...
Unpacking libnginx-mod-http-image-filter (1.18.0-0ubuntu1) ...
Selecting previously unselected package libnginx-mod-http-xslt-filter.
Preparing to unpack .../12-libnginx-mod-http-xslt-filter_1.18.0-0ubuntu1_amd64.deb ...
Unpacking libnginx-mod-http-xslt-filter (1.18.0-0ubuntu1) ...
Selecting previously unselected package libnginx-mod-mail.
Preparing to unpack .../13-libnginx-mod-mail_1.18.0-0ubuntu1_amd64.deb ...
Unpacking libnginx-mod-mail (1.18.0-0ubuntu1) ...
Selecting previously unselected package libnginx-mod-stream.
Preparing to unpack .../14-libnginx-mod-stream_1.18.0-0ubuntu1_amd64.deb ...
Unpacking libnginx-mod-stream (1.18.0-0ubuntu1) ...
Selecting previously unselected package nginx-core.
Preparing to unpack .../15-nginx-core_1.18.0-0ubuntu1_amd64.deb ...
Unpacking nginx-core (1.18.0-0ubuntu1) ...
Selecting previously unselected package nginx.
Preparing to unpack .../16-nginx_1.18.0-0ubuntu1_all.deb ...
Unpacking nginx (1.18.0-0ubuntu1) ...
Setting up libxpm4:amd64 (1:3.5.12-1) ...
Setting up nginx-common (1.18.0-0ubuntu1) ...
Created symlink /etc/systemd/system/multi-user.target.wants/nginx.service → /lib/systemd/system/nginx.service.
Setting up libjbig0:amd64 (2.1-3.1build1) ...
Setting up libnginx-mod-http-xslt-filter (1.18.0-0ubuntu1) ...
Setting up libwebp6:amd64 (0.6.1-2) ...
Setting up fonts-dejavu-core (2.37-1) ...
Setting up libjpeg-turbo8:amd64 (2.0.3-0ubuntu1.20.04.1) ...
Setting up libjpeg8:amd64 (8c-2ubuntu8) ...
Setting up libnginx-mod-mail (1.18.0-0ubuntu1) ...
Setting up fontconfig-config (2.13.1-2ubuntu3) ...
Setting up libnginx-mod-stream (1.18.0-0ubuntu1) ...
Setting up libtiff5:amd64 (4.1.0+git191117-2build1) ...
Setting up libfontconfig1:amd64 (2.13.1-2ubuntu3) ...
Setting up libgd3:amd64 (2.2.5-5.2ubuntu2) ...
Setting up libnginx-mod-http-image-filter (1.18.0-0ubuntu1) ...
Setting up nginx-core (1.18.0-0ubuntu1) ...
Setting up nginx (1.18.0-0ubuntu1) ...
Processing triggers for ufw (0.36-6) ...
Processing triggers for systemd (245.4-4ubuntu3.2) ...
Processing triggers for man-db (2.9.1-1) ...
Processing triggers for libc-bin (2.31-0ubuntu9) ...
ubuntu@ip-172-31-26-99:~$
i-0c096b99d4db05608 (ubuntu)
Public IPs: 18.223.97.145
Private IPs: 172.31.26.99
ENG
18:29
08-10-2020

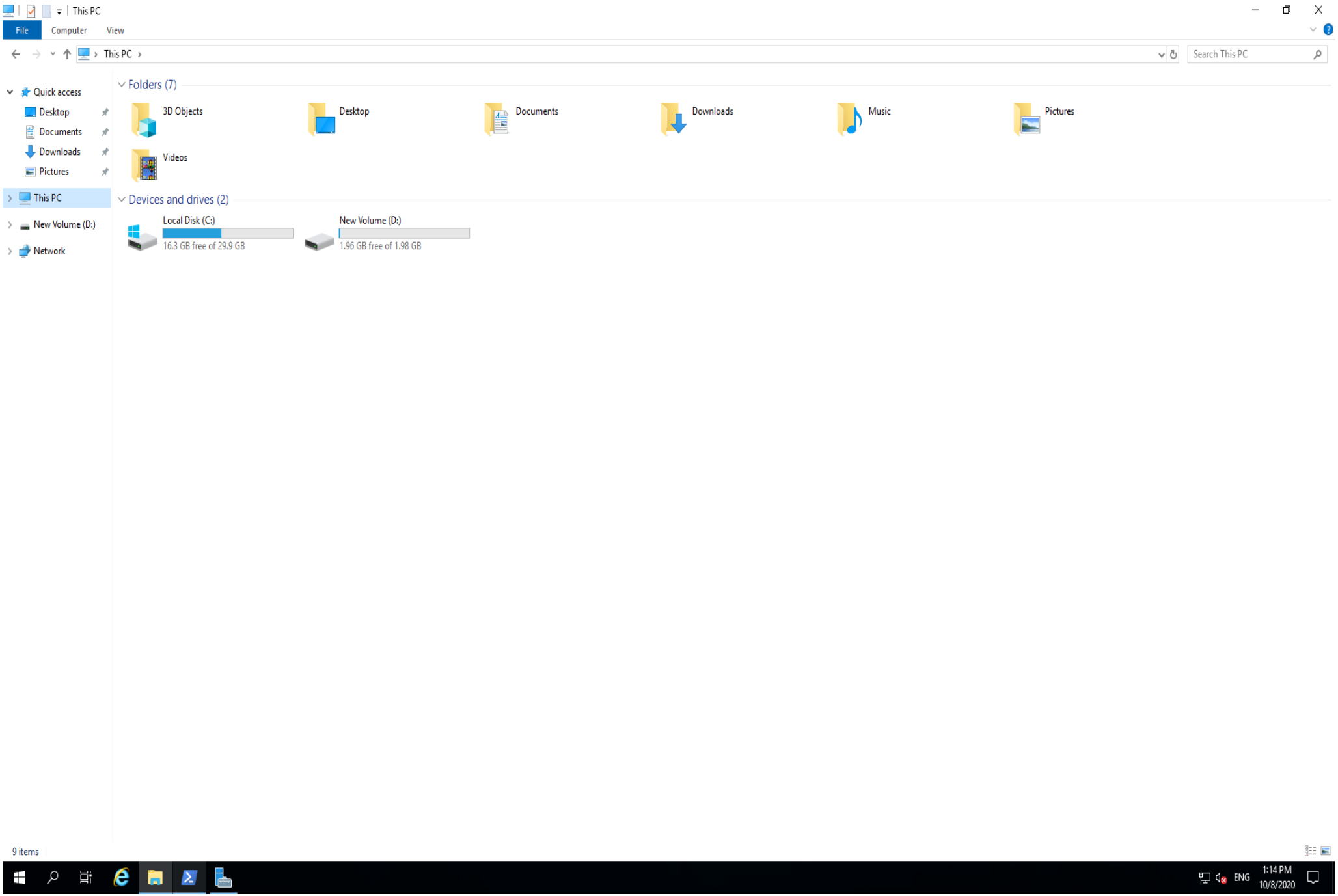

Amazon Web Services Sign
Amazon Web Services Pass
Instances | EC2 Manageme
i-0c096b99d4db05608 (ubu
IIS Windows Server
Welcome to nginx!
18.223.97.145
Business Opportuni...
Roshni Dhal
95% Discount Offer...
Speak2Connect
LetsUpgrade | Lear...
know more – Bizgu...
Digital Marketing...
Analytics
Temp Mail - Dispos...
Channel dashboard...
IBM Z Global Stude...
Attendance Manag...
Java Study I | Proga...
Welcome to nginx!
If you see this page, the nginx web server is successfully installed and working. Further configuration is required.
For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.
Thank you for using nginx.
ENG
18:29
08-10-2020

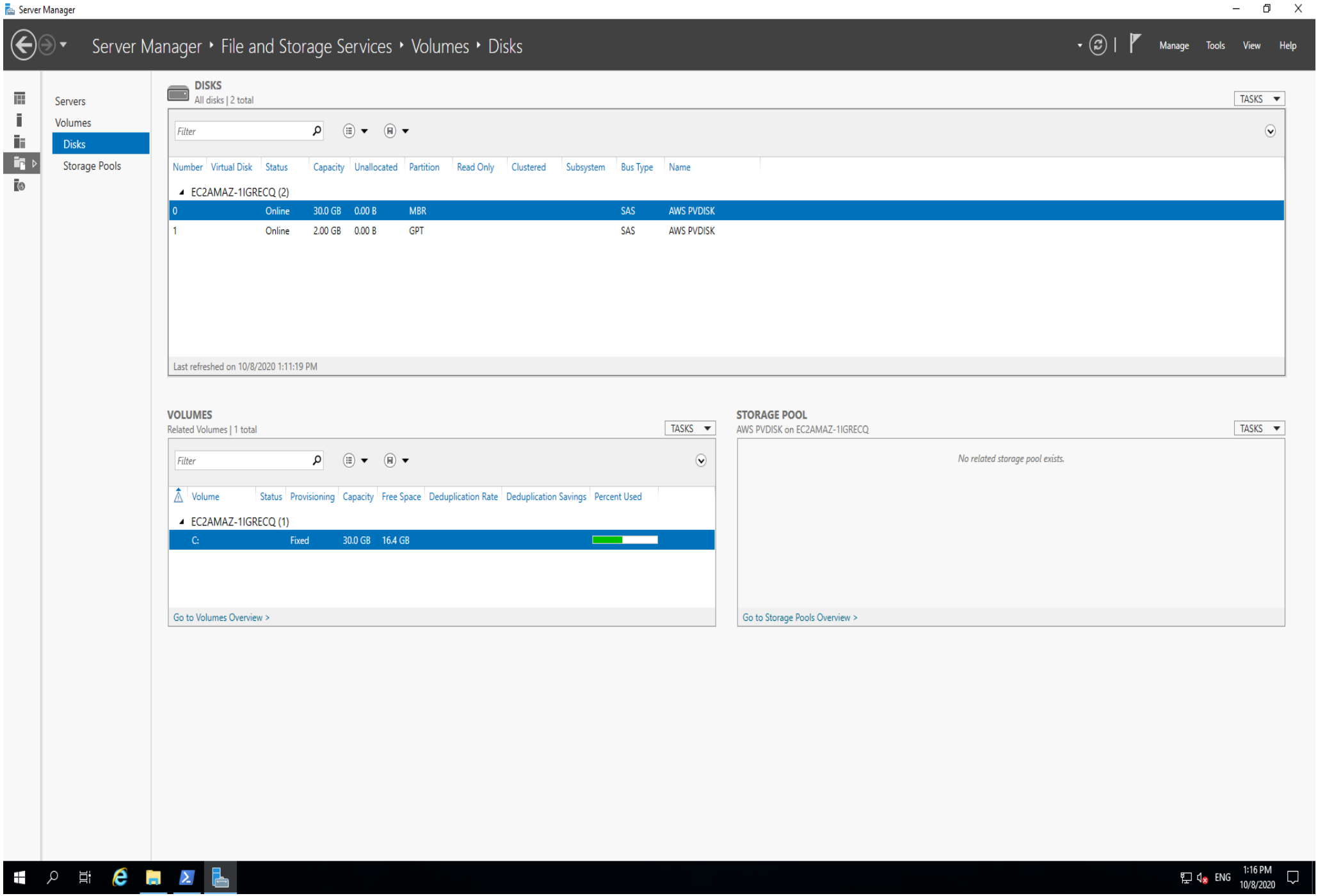
PROJECT 3

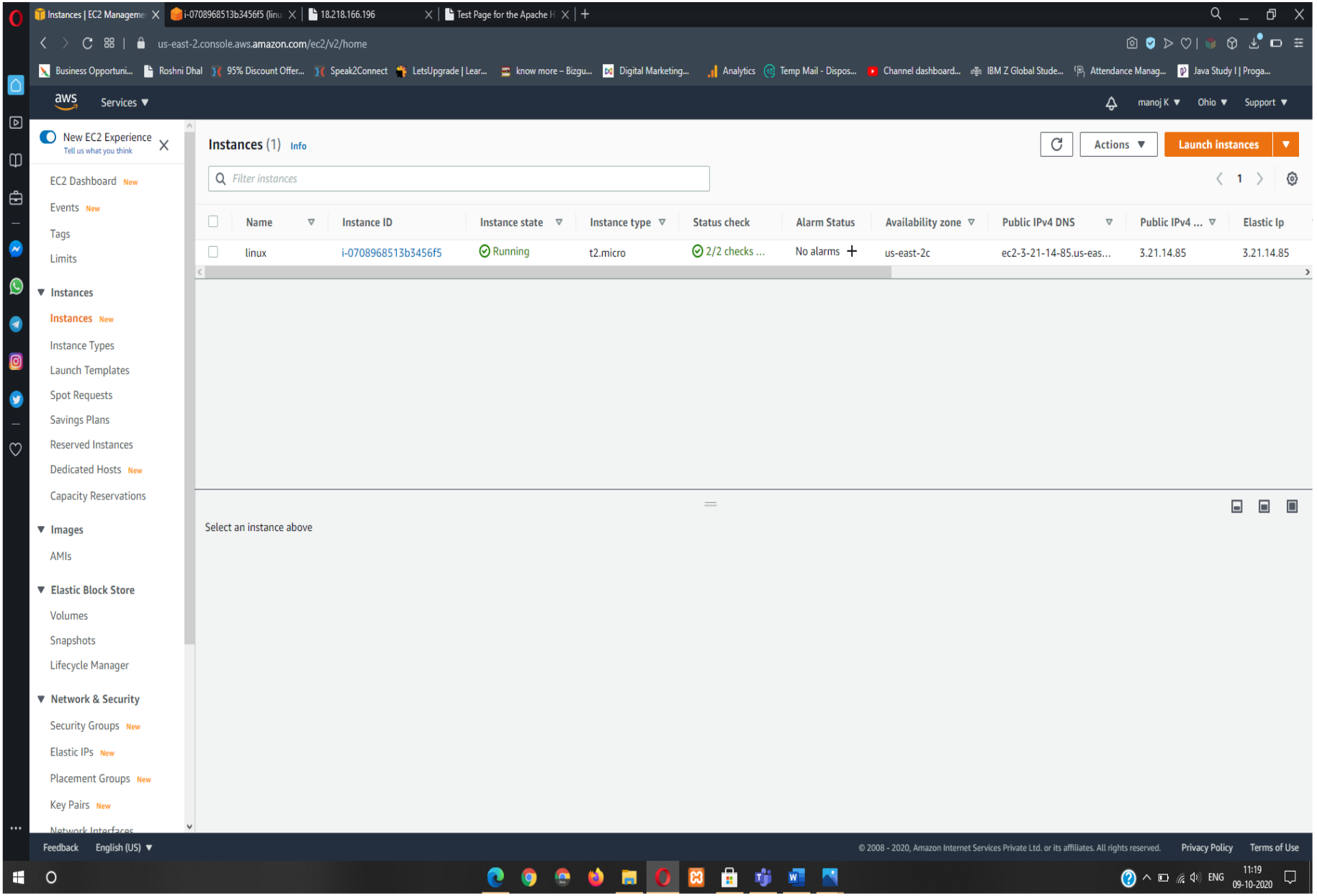
Working With Volumes




Server Manager
Server Manager ‣ File and Storage Services ‣ Volumes ‣ Disks
Manage
Tools
View
Help
Servers
Volumes
Disks
Storage Pools
DISKS
All disks | 2 total
TASKS
Filter
Number
Virtual Disk
Status
Capacity
Unallocated
Partition
Read Only
Clustered
Subsystem
Bus Type
Name
EC2AMAZ-1IGRECQ (2)
0 Online 30.0 GB 0.00 B MBR SAS AWS PVDISK
1 Online 2.00 GB 2.00 GB Unknown SAS AWS PVDISK
Last refreshed on 10/8/2020 1:11:19 PM
VOLUMES
Related Volumes | 0 total
TASKS
No volumes exist.
To create a volume, start the New Volume Wizard.
Go to Volumes Overview >
STORAGE POOL
AWS PVDISK on EC2AMAZ-1IGRECQ
TASKS
No related storage pool exists.
Go to Storage Pools Overview >
ENG
1:11 PM
10/8/2020

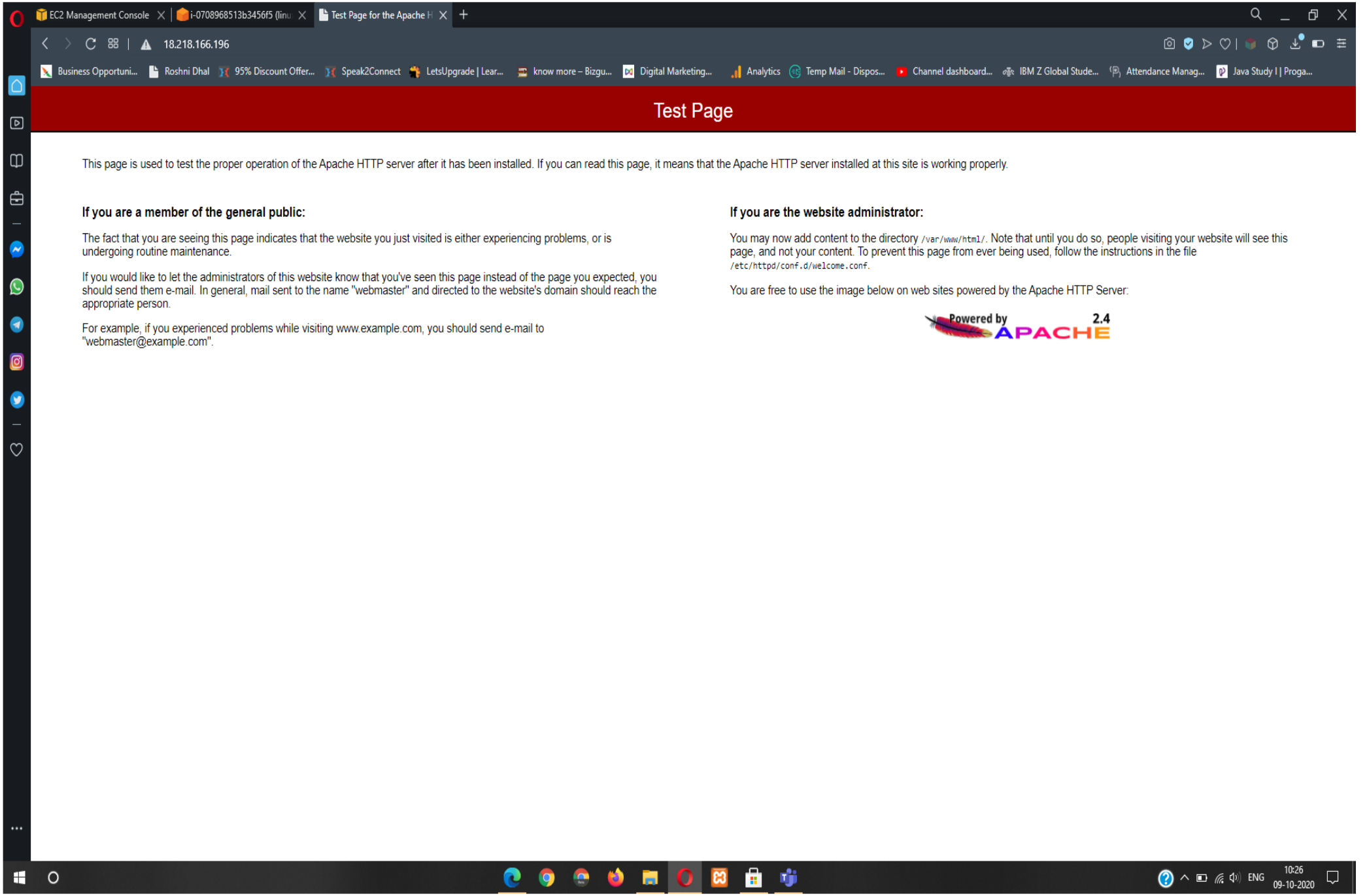

This PC
File
Computer
View
This PC
Search This PC
Quick access
Desktop
Documents
Downloads
Pictures
This PC
New Volume (D:)
Network
Folders (7)
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
Devices and drives (2)
Local Disk (C:)
16.3 GB free of 29.9 GB
New Volume (D:)
1.96 GB free of 1.98 GB
9 items
ENG
1:14 PM
10/8/2020

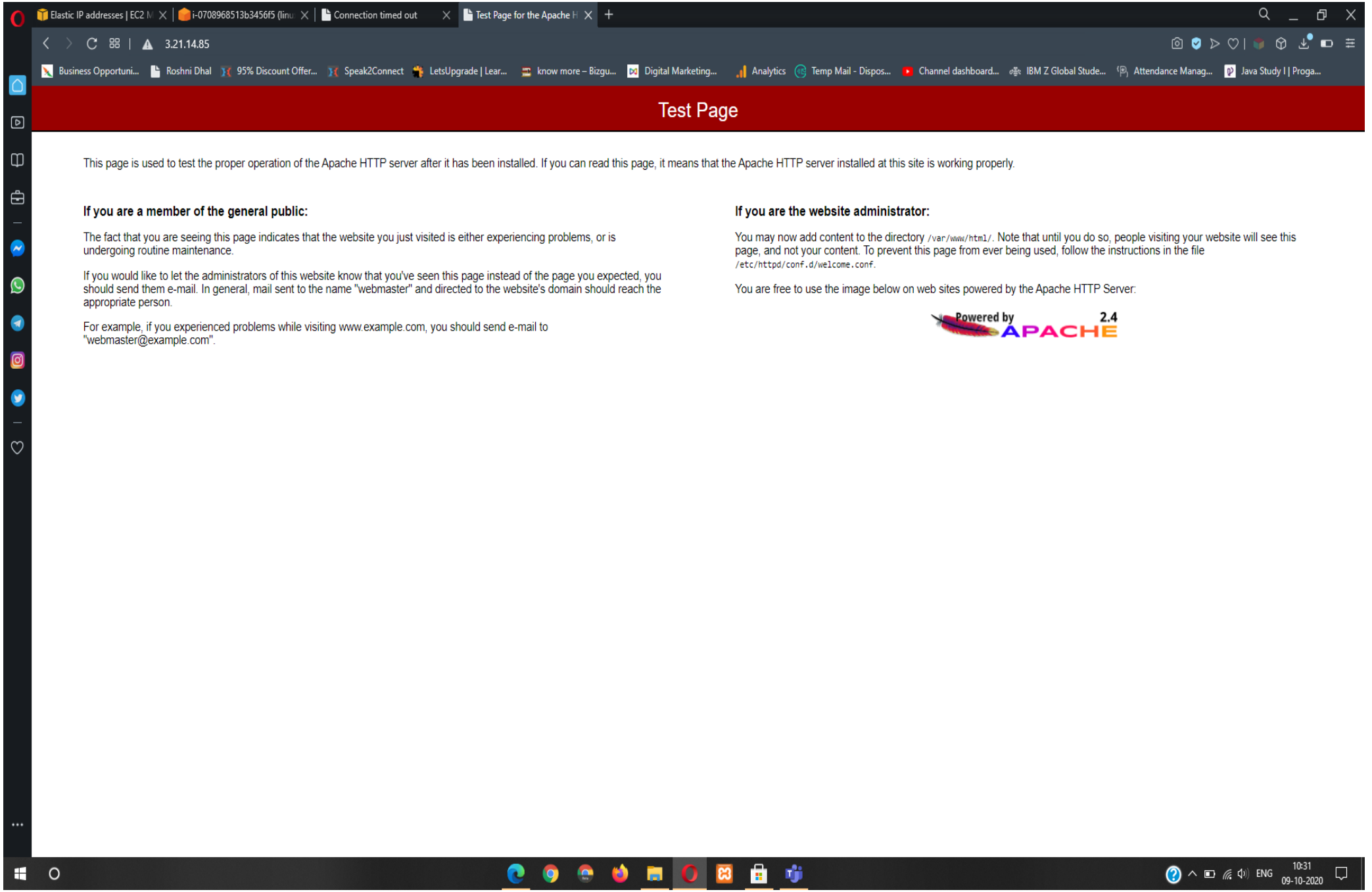

Server Manager
Server Manager ‣ File and Storage Services ‣ Volumes ‣ Disks
Manage
Tools
View
Help
Servers
Volumes
Disks
Storage Pools
DISKS
All disks | 2 total
TASKS
Filter
Number
Virtual Disk
Status
Capacity
Unallocated
Partition
Read Only
Clustered
Subsystem
Bus Type
Name
EC2AMAZ-1IGRECQ (2)
0 Online 30.0 GB 0.00 B MBR SAS AWS PVDISK
1 Online 2.00 GB 0.00 B GPT SAS AWS PVDISK
Last refreshed on 10/8/2020 1:11:19 PM
VOLUMES
Related Volumes | 1 total
TASKS
Filter
Volume
Status
Provisioning
Capacity
Free Space
Deduplication Rate
Deduplication Savings
Percent Used
EC2AMAZ-1IGRECQ (1)
C: Fixed 30.0 GB 16.4 GB
Go to Volumes Overview >
STORAGE POOL
AWS PVDISK on EC2AMAZ-1IGRECQ
TASKS
No related storage pool exists.
Go to Storage Pools Overview >
ENG
1:16 PM
10/8/2020



Project 4

Elastic IP


EC2 Management Console
i-0708968513b3456f5 (linu
Test Page for the Apache H
18.218.166.196
Business Opportuni...
Roshni Dhal
95% Discount Offer...
Speak2Connect
LetsUpgrade | Lear...
know more – Bizgu...
Digital Marketing...
Analytics
Temp Mail - Dispos...
Channel dashboard...
IBM Z Global Stude...
Attendance Manag...
Java Study I | Proga...
Test Page
This page is used to test the proper operation of the Apache HTTP server after it has been installed. If you can read this page, it means that the Apache HTTP server installed at this site is working properly.
If you are a member of the general public:
The fact that you are seeing this page indicates that the website you just visited is either experiencing problems, or is undergoing routine maintenance.
If you would like to let the administrators of this website know that you've seen this page instead of the page you expected, you should send them e-mail. In general, mail sent to the name "webmaster" and directed to the website's domain should reach the appropriate person.
For example, if you experienced problems while visiting www.example.com, you should send e-mail to "webmaster@example.com".
If you are the website administrator:
You may now add content to the directory /var/www/html/. Note that until you do so, people visiting your website will see this page, and not your content. To prevent this page from ever being used, follow the instructions in the file /etc/httpd/conf.d/welcome.conf.
You are free to use the image below on web sites powered by the Apache HTTP Server:
Powered by
APACHE
2.4
ENG
10:26
09-10-2020


Elastic IP addresses | EC2
i-0708968513b3456f5 (linu
Connection timed out
Test Page for the Apache H
3.21.14.85
Business Opportuni...
Roshni Dhal
95% Discount Offer...
Speak2Connect
LetsUpgrade | Lear...
know more – Bizgu...
Digital Marketing...
Analytics
Temp Mail - Dispos...
Channel dashboard...
IBM Z Global Stude...
Attendance Manag...
Java Study I | Proga...
Test Page
This page is used to test the proper operation of the Apache HTTP server after it has been installed. If you can read this page, it means that the Apache HTTP server installed at this site is working properly.
If you are a member of the general public:
The fact that you are seeing this page indicates that the website you just visited is either experiencing problems, or is undergoing routine maintenance.
If you would like to let the administrators of this website know that you've seen this page instead of the page you expected, you should send them e-mail. In general, mail sent to the name "webmaster" and directed to the website's domain should reach the appropriate person.
For example, if you experienced problems while visiting www.example.com, you should send e-mail to "webmaster@example.com".
If you are the website administrator:
You may now add content to the directory /var/www/html/. Note that until you do so, people visiting your website will see this page, and not your content. To prevent this page from ever being used, follow the instructions in the file /etc/httpd/conf.d/welcome.conf.
You are free to use the image below on web sites powered by the Apache HTTP Server:
Powered by
APACHE
2.4
ENG
10:31
09-10-2020

Elastic IP addresses | EC2 M | i-0708968513b3456f5 (linu | 18.218.166.196 | Test Page for the Apache H

18.218.166.196

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This site can't be reached

18.218.166.196 took too long to respond.

Try:

- ✓ Checking the connection
- ✓ Checking the proxy and the firewall
- ✓ Running Windows Network Diagnostics

ERR_CONNECTION_TIMED_OUT

Check your internet connection.
Check any cables and reboot any routers, modems, or other network devices you may be using.

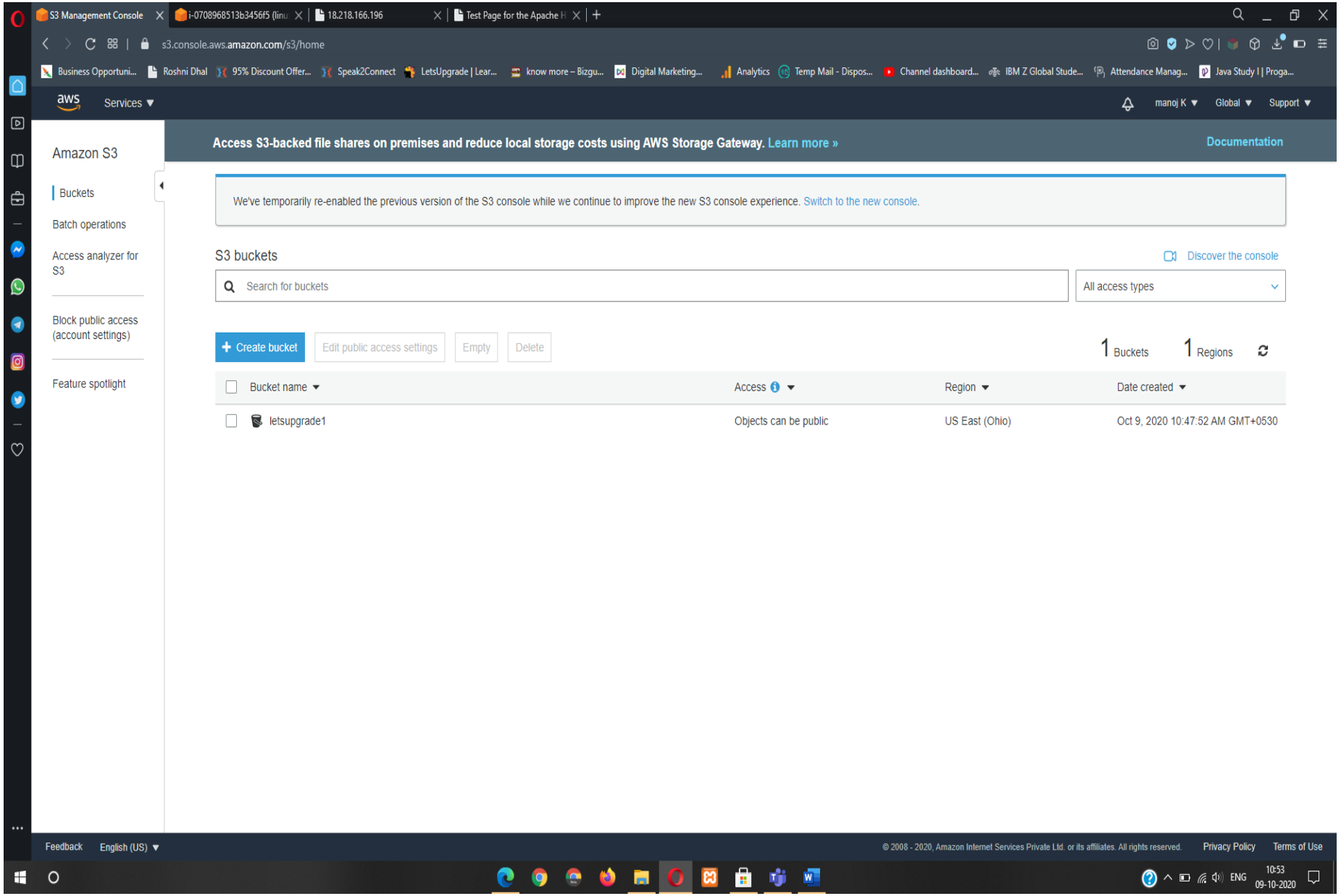
Allow Opera to access the network in your firewall or antivirus settings.
If it is already listed as a program allowed to access the network, try removing it from the list and adding it again.

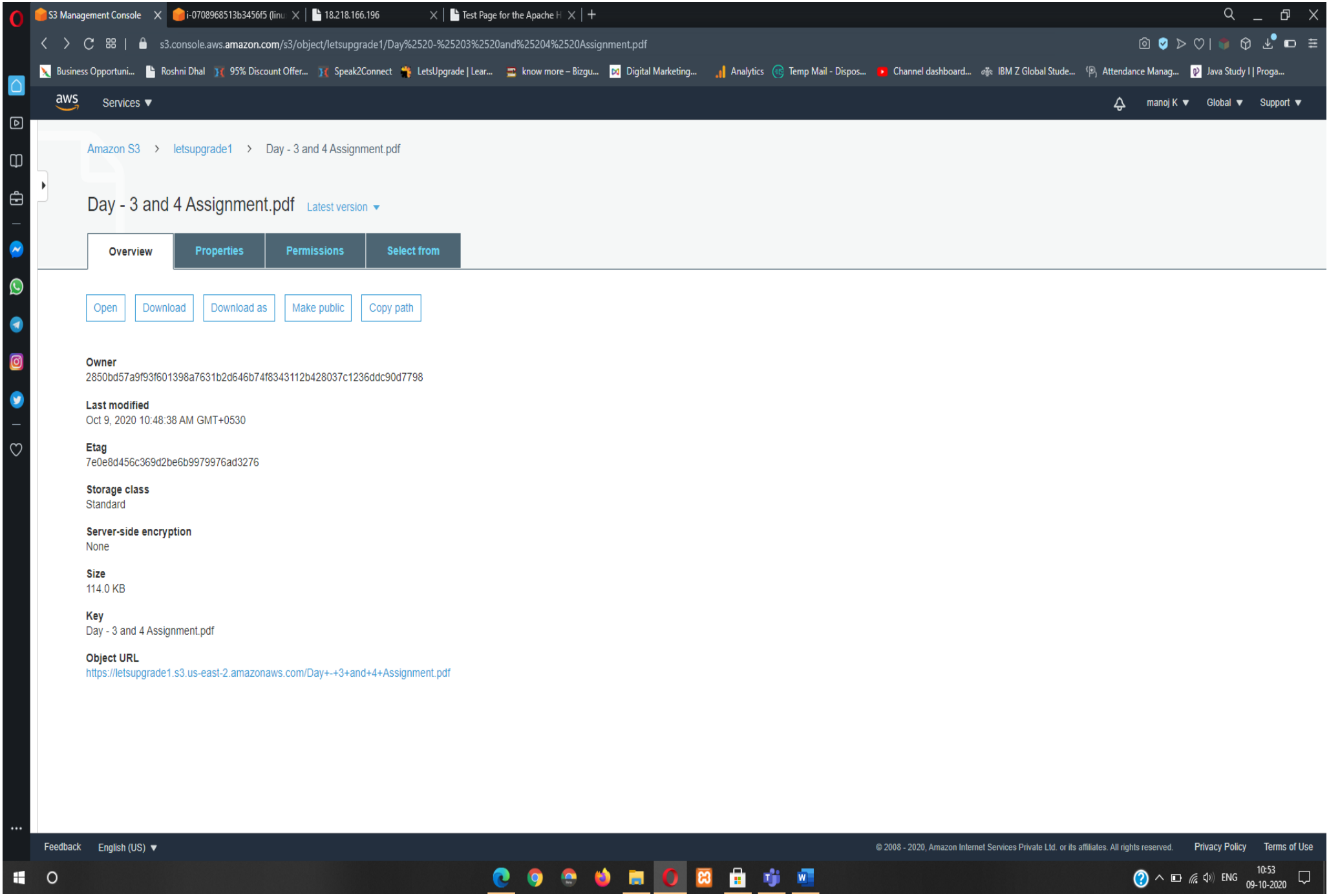
If you use a proxy server...
Check your proxy settings or contact your network administrator to make sure the proxy server is working. If you don't believe you should be using a proxy server: Go to the Main menu > Settings > Change proxy settings... > LAN Settings and deselect "Use a proxy server for your LAN".

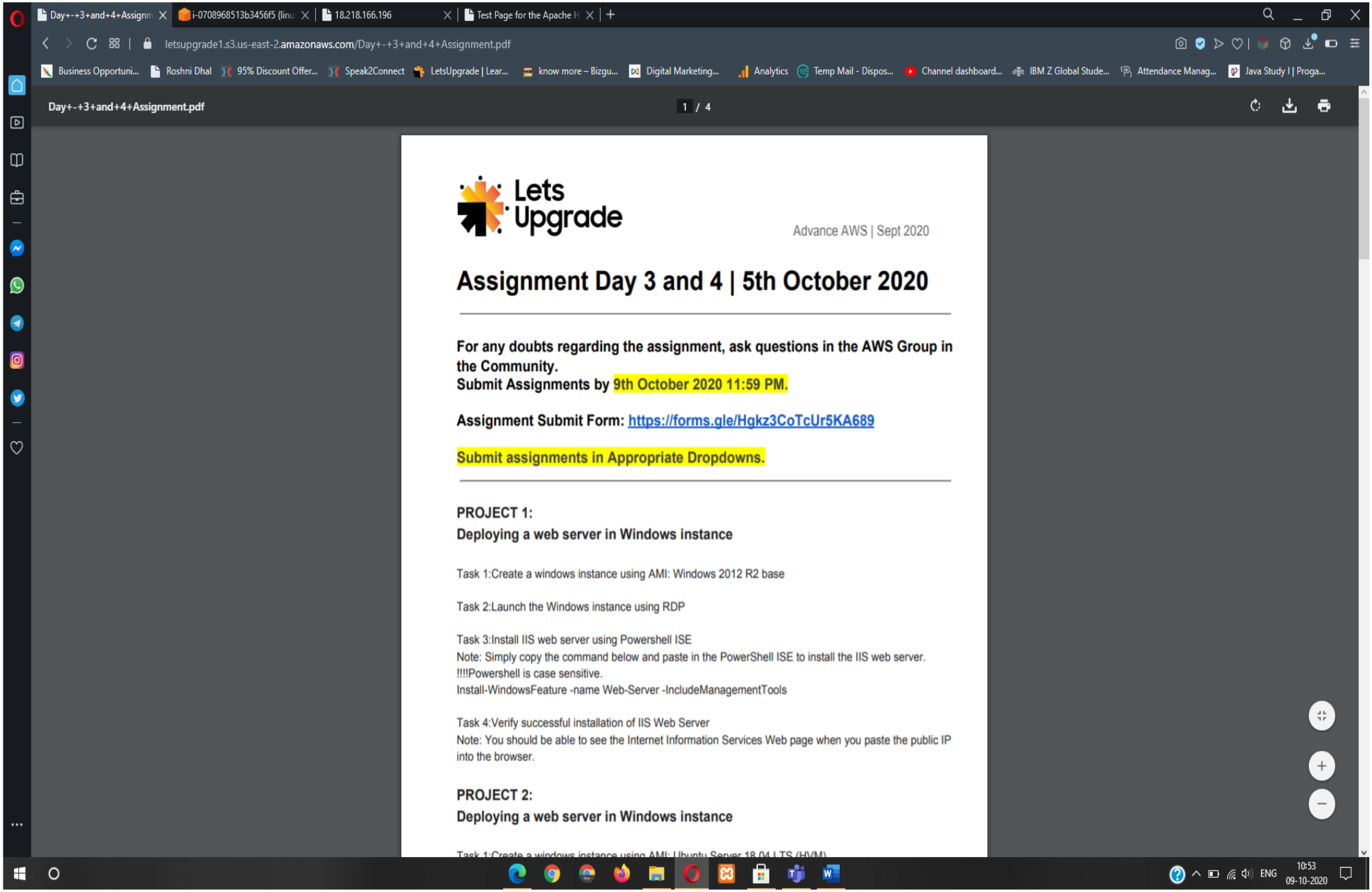
ENG 10:36 09-10-2020

PROJECT 5

S3 BUCKET




S3 Management Console
i-0708968513b3456f5 (linu
18.218.166.196
Test Page for the Apache H
s3.console.aws.amazon.com/s3/object/letsupgrade1/Day%2520-%25203%2520and%25204%2520Assignment.pdf
Business Opportuni...
Roshni Dhal
95% Discount Offer...
Speak2Connect
LetsUpgrade | Lear...
know more – Bizgu...
Digital Marketing...
Analytics
Temp Mail - Dispos...
Channel dashboard...
IBM Z Global Stude...
Attendance Manag...
Java Study I | Proga...
aws
Services
manoj K
Global
Support
Amazon S3 › letsupgrade1 › Day - 3 and 4 Assignment.pdf
Day - 3 and 4 Assignment.pdf
Latest version
Overview
Properties
Permissions
Select from
Open
Download
Download as
Make public
Copy path
Owner
2850bd57a9f93f601398a7631b2d646b74f8343112b428037c1236ddc90d7798
Last modified
Oct 9, 2020 10:48:38 AM GMT+0530
Etag
7e0e8d456c369d2be6b9979976ad3276
Storage class
Standard
Server-side encryption
None
Size
114.0 KB
Key
Day - 3 and 4 Assignment.pdf
Object URL
https://letsupgrade1.s3.us-east-2.amazonaws.com/Day+-+3+and+4+Assignment.pdf
Feedback
English (US)
© 2008 - 2020, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved.
Privacy Policy
Terms of Use
ENG
10:53
09-10-2020



Day+-+3+and+4+Assignm | i-0708968513b3456f5 (linu | 18.218.166.196 | Test Page for the Apache H

letsupgrade1.s3.us-east-2.amazonaws.com/Day+-+3+and+4+Assignment.pdf

Business Opportuni... | Roshni Dhal | 95% Discount Offer... | Speak2Connect | LetsUpgrade | Lear... | know more – Bizgu... | Digital Marketing... | Analytics | Temp Mail - Dispos... | Channel dashboard... | IBM Z Global Stude... | Attendance Manag... | Java Study I | Proga...

Day+-+3+and+4+Assignment.pdf 1 / 4

Lets Upgrade

Advance AWS | Sept 2020

Assignment Day 3 and 4 | 5th October 2020

For any doubts regarding the assignment, ask questions in the AWS Group in the Community.
Submit Assignments by 9th October 2020 11:59 PM.

Assignment Submit Form: https://forms.gle/Hgkz3CoTcUr5KA689

Submit assignments in Appropriate Dropdowns.

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: Simply copy the command below and paste in the PowerShell ISE to install the IIS web server.
!!!!Powershell is case sensitive.
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 Windows instance

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

ENG 10:53 09-10-2020

Question 1:

STOP AND START :

The instance is preparing to be stopped or stop-hibernated.The instance is shut down and cannot be used. The instance can be started at any time. If your instance fails a status check or is not running your applications as expected, and if the root volume of your instance is an Amazon EBS volume, you can stop and start your instance to try to fix the problem.

When you stop your instance, it enters the `stopping` state, and then the `stopped` state. We don't charge usage or data transfer fees for your instance after you stop it, but we do charge for the storage for any Amazon EBS volumes. While your instance is in the `stopped` state, you can modify certain attributes of the instance, including the instance type.

When you start your instance, it enters the `pending` state, and we move the instance to a new host computer (though in some cases, it remains on the current host). When you stop and start your instance, you lose any data on the instance store volumes on the previous host computer.

Your instance retains its private IPv4 address, which means that an Elastic IP address associated with the private IPv4 address or network interface is still associated with your instance. If your instance has an IPv6 address, it retains its IPv6 address.

Each time you transition an instance from `stopped` to `running`, we charge per second when the instance is running, with a minimum of one minute every time you start your instance.

For more information, see Stop and start your instance.

When you hibernate an instance, we signal the operating system to perform hibernation (suspend-to-disk), which saves the contents from the instance memory (RAM) to your Amazon EBS root volume. We persist the instance's Amazon EBS root volume and any attached Amazon EBS data volumes. When you start your instance, the Amazon EBS root volume is restored to its previous state and the RAM contents are reloaded. Previously attached data volumes are reattached and the instance retains its instance ID.

When you hibernate your instance, it enters the `stopping` state, and then the `stopped` state. We don't charge usage for a hibernated instance when it is in the `stopped` state, but we do charge while it is in the `stopping` state, unlike when you stop an instance without hibernating it. We don't charge usage for data transfer fees, but we do charge for the storage for any Amazon EBS volumes, including storage for the RAM data.

When you start your hibernated instance, it enters the `pending` state, and we move the instance to a new host computer (though in some cases, it remains on the current host).

Your instance retains its private IPv4 address, which means that an Elastic IP address associated with the private IPv4 address or network interface is still associated with your instance. If your instance has an IPv6 address, it retains its IPv6 address.

REBOOT : You can reboot your instance using the Amazon EC2 console, a command line tool, and the Amazon EC2 API. We recommend that you use Amazon EC2 to reboot your instance instead of running the operating system reboot command from your instance.

Rebooting an instance is equivalent to rebooting an operating system. The instance remains on the same host computer and maintains its public DNS name, private IP address, and any data on its instance store volumes. It typically takes a few minutes for the reboot to complete, but the time it takes to reboot depends on the instance configuration.

Rebooting an instance doesn't start a new instance billing period; per second billing continues without a further one-minute minimum charge.

TEMINATE PUBLIC IP : The instance has been permanently deleted and cannot be started. When you've decided that you no longer need an instance, you can terminate it. As soon as the status of an instance changes to `shutting-down` or `terminated`, you stop incurring charges for that instance.

If you enable termination protection, you can't terminate the instance using the console, CLI, or API.

After you terminate an instance, it remains visible in the console for a short while, and then the entry is automatically deleted. You can also describe a terminated instance using the CLI and API. Resources (such as tags) are gradually disassociated from the terminated instance, therefore may no longer be visible on the terminated instance after a short while. You can't connect to or recover a terminated instance.

Each Amazon EBS-backed instance supports the `InstanceInitiatedShutdownBehavior` attribute, which controls whether the instance stops or terminates when you initiate shutdown from within the instance itself (for example, by using the **shutdown** command on Linux). The default behavior is to stop the instance. You can modify the setting of this attribute while the instance is running or stopped.

Each Amazon EBS volume supports the `DeleteOnTermination` attribute, which controls whether the volume is deleted or preserved when you terminate the instance it is attached to. The default is to delete the root device volume and preserve any other EBS volumes.

PUBLIC IP : Amazon Elastic Inference (EI) is a resource you can attach to your Amazon EC2 CPU instances to accelerate your deep learning (DL) inference workloads. Amazon EI accelerators come in multiple sizes and are a cost-effective method to build intelligent capabilities into applications running on Amazon EC2 instances.

Amazon EI distributes model operations defined by TensorFlow, Apache MXNet, and the Open Neural Network Exchange (ONNX) format through MXNet between low-cost, DL inference accelerators and the CPU of the instance.

APPLICATION INSTALLED : Bitscape is a global technology consulting company and a software Development Company which improves software delivery through its ALM services backed-up by CMMi practices. From feasibility study to business need analysis to recommendations of development of solution (including but not limited to Agile, scrum, CMMi or SDLC Waterfall method), we consult all and suggest best practices approach for the solution for organization to achieve organizational application life cycle management goal. We focus on critical process improvement visibility and manageability, leading directly to better quality, reliability and ultimately predictability over the entire software delivery process.

Some of the basic functions we perform in ALM services are:

•Requirements analysis.
•Requirements management.
•Feature management.
•Workflow.
•Modelling.
•Design.
•Project management.

•Software deployment.
•Software testing.
•Release management.
•Change management.
•Software information management (for ALM tool integration).
•Build management.
•Software configuration management.
•Revision control.
•Issue management.
•Monitoring and reporting.