

AWS ASSIGNMENT 1

1. Windows instance

The screenshot shows the AWS EC2 Instances page. A single instance named "Windows RDP" is listed, showing it is running and has a public IP address of 13.58.216.228.

Name	Instance ID	Instance state	Instance type	Status check	Alarm Status	Availability zone	Public IPv4 DNS	Public IPv4 IP	Elastic IP
Windows RDP	i-0bc5de6db4e0720e7	Running	t2.micro	2/2 checks ...	No alarms	us-east-2c	ec2-13-58-216-228.us...	13.58.216.228	-

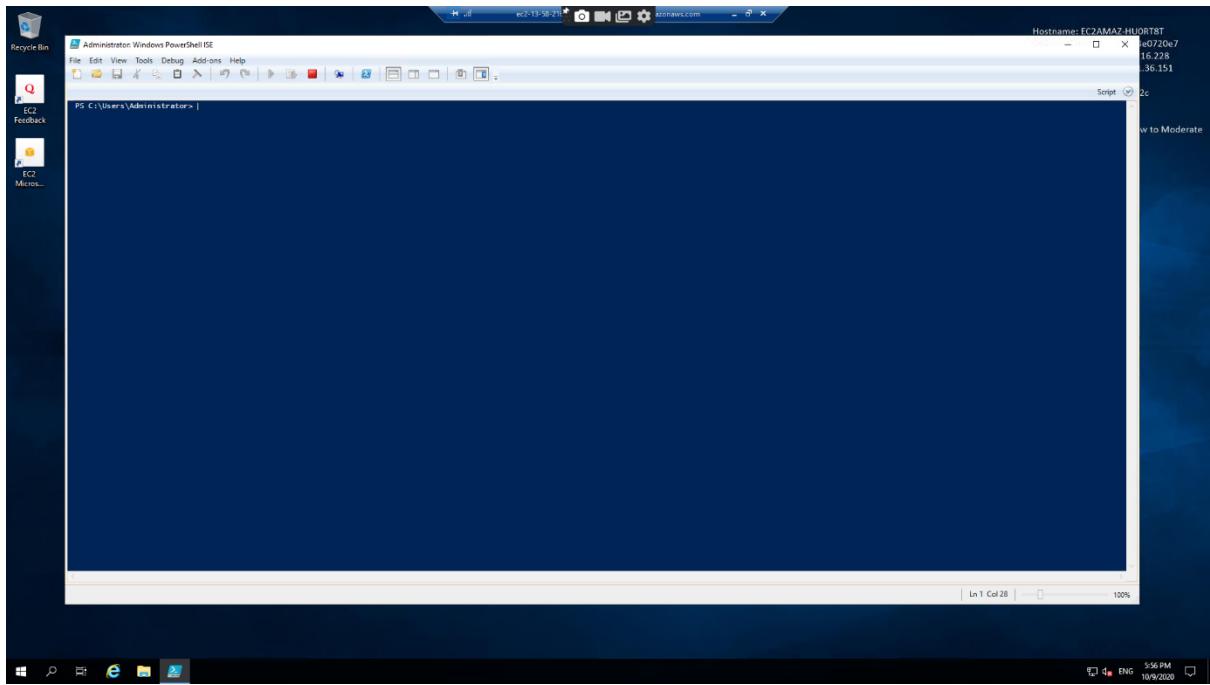
The screenshot shows the Instance summary details for the Windows RDP instance. It includes information such as Public IP address (13.58.216.228), Private IP address (172.31.36.151), and VPC ID (vpc-7e4ae915).

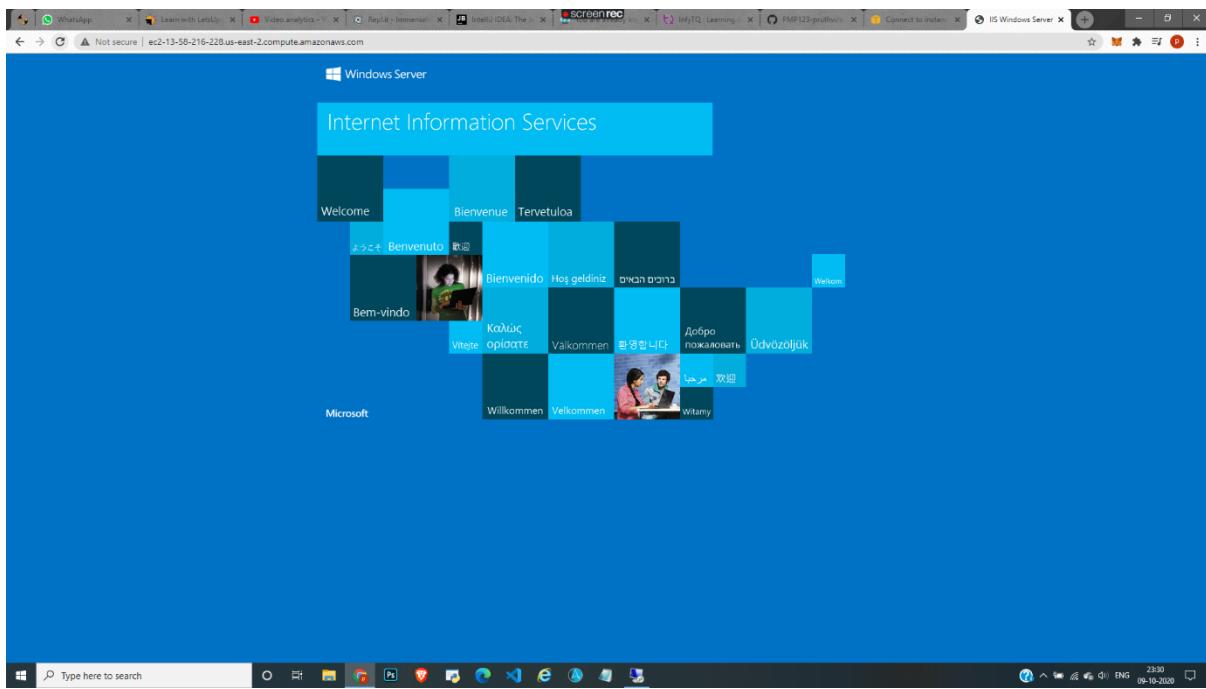
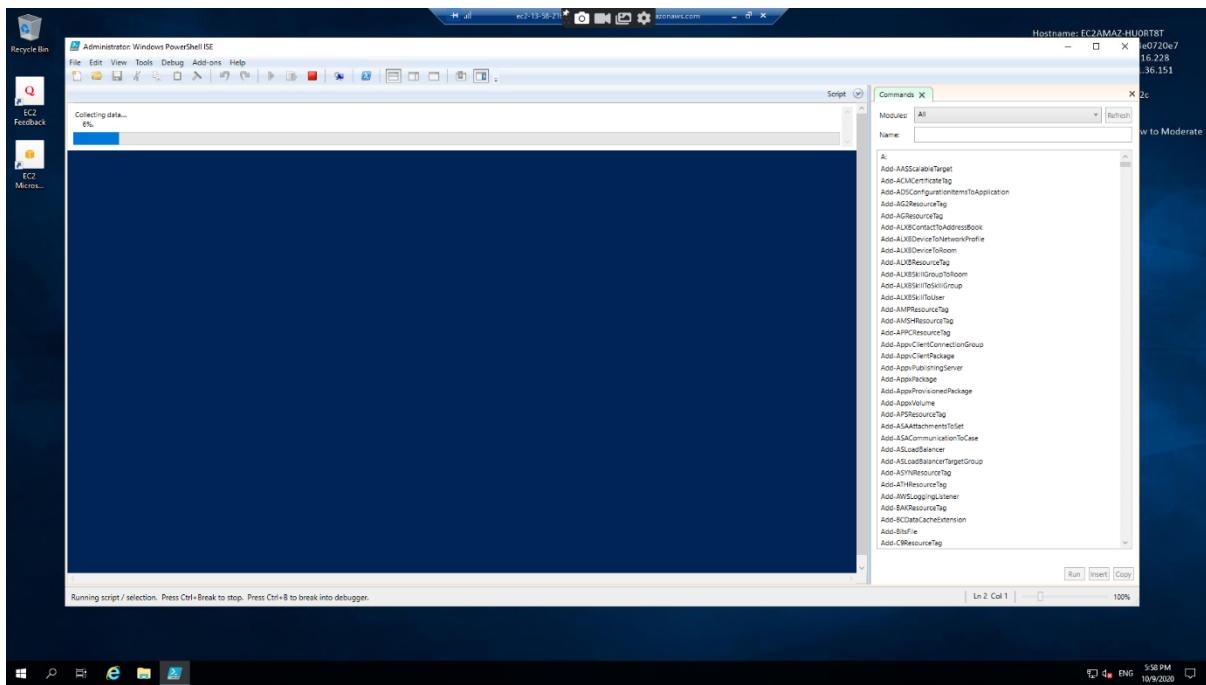
Instance ID	Public IPv4 address	Private IPv4 addresses
i-0bc5de6db4e0720e7 (Windows RDP)	13.58.216.228 open address	172.31.36.151
Instance state	Public IPv4 DNS	Private IPv4 DNS
Running	ec2-13-58-216-228.us-east-2.compute.amazonaws.com open address	ip-172-31-36-151.us-east-2.compute.internal
Instance type	Elastic IP addresses	VPC ID
t2.micro	-	vpc-7e4ae915
IAM Role	Subnet ID	
-	subnet-20a7cfsc	

A dialog box from the AWS Compute Optimizer asks if the user wants to opt-in for recommendations. There is a "Learn more" link and a "Cancel" button.

The screenshot shows the Instance details section of the EC2 instance page. It lists the platform (Windows) and AMI information (Windows_Server-2019-English-Full-Base-2020.09.09).

Platform	AMI ID	Monitoring
windows	ami-0ca69a9d06da3835d	disabled
Platform details	AMI name	Termination protection
Windows	Windows_Server-2019-English-Full-Base-2020.09.09	Disabled
Launch time	AMI location	Lifecycle
Fri Oct 09 2020 23:19:55 GMT+0530 (India Standard Time) (1 minute ago)	amazon/Microsoft_Server-2019-English-Full-Base-2020.09.09	normal





2. UBUNTU

Welcome to the new instances experience! We're redesigning the EC2 console to make it easier to use. To switch between the old console and the new console, use the New EC2 Experience toggle above the navigation panel. We'll release updates continuously based on customer feedback.

Instances (1/3) Info

Name	Instance ID	Instance state	Instance type	Status check	Alarm Status	Availability zone	Public IPv4 DNS	Public IPv4 IP	Elastic IP
-	i-0e41633db5efdbcf7	Terminated	t2.micro	-	No alarms	us-east-2a	-	-	-
Windows RDP	i-0tc5de6cb4e0720e7	Running	t2.micro	2/2 checks ...	No alarms	us-east-2c	ec2-13-58-216-228.us...	13.58.216.228	-
ubuntu	i-0294c3a9523efc48a	Running	t2.micro	2/2 checks ...	No alarms	us-east-2c	ec2-18-216-44-39.us...	18.216.44.39	-

Instance: i-0294c3a9523efc48a (ubuntu)

Details Security Networking Storage Status Checks Monitoring Tags

Instance summary Info

Feedback English (US) Type here to search Privacy Policy Terms of Use 23:51 09-10-2020

Welcome to the new instances experience! We're redesigning the EC2 console to make it easier to use. To switch between the old console and the new console, use the New EC2 Experience toggle above the navigation panel. We'll release updates continuously based on customer feedback.

EC2 > Instances > i-0294c3a9523efc48a

Instance summary for i-0294c3a9523efc48a (ubuntu) Info Updated less than a minute ago

Instance ID i-0294c3a9523efc48a (ubuntu)	Public IPv4 address 18.216.44.39 open address	Private IPv4 addresses 172.31.41.97
Instance state Running	Public IPv4 DNS ec2-18-216-44-39.us-east-2.compute.amazonaws.com open address	Private IPv4 DNS ip-172-31-41-97.us-east-2.compute.internal
Instance type t2.micro	Elastic IP addresses -	VPC ID vpc-7e4ae915
IAM Role -	Subnet ID subnet-20a7cf6c	

AWS Compute Optimizer Opt-in to AWS Compute Optimizer for recommendations. Learn more

Details Security Networking Storage Monitoring Tags

Instance details Info

Platform Ubuntu (Inferred)	AMI ID ami-07efac79022b86107	Monitoring disabled
Platform details Linux/UNIX	AMI name ubuntu/images/hvm-ssd/ubuntu-focal-20.04-amd64-server-20200907	Termination protection Disabled

Feedback English (US) Type here to search Privacy Policy Terms of Use 23:51 09-10-2020

```
Hit:1 http://us-east-2.ec2.archive.ubuntu.com/ubuntu focal InRelease [111 kB]
Get:2 http://us-east-2.ec2.archive.ubuntu.com/ubuntu focal-updates InRelease [101 kB]
Get:3 http://us-east-2.ec2.archive.ubuntu.com/ubuntu focal-backports InRelease [98.3 kB]
Get:4 http://security.ubuntu.com/ubuntu focal-security InRelease [107 kB]
Get:5 http://us-east-2.ec2.archive.ubuntu.com/ubuntu focal/universe amd64 Packages [8628 kB]
Get:6 http://us-east-2.ec2.archive.ubuntu.com/ubuntu focal/universe Translation-en [5124 kB]
Get:7 http://us-east-2.ec2.archive.ubuntu.com/ubuntu focal/universe amd64 c-n-f Metadata [265 kB]
Get:8 http://us-east-2.ec2.archive.ubuntu.com/ubuntu focal/multiverse amd64 Packages [144 kB]
Get:9 http://us-east-2.ec2.archive.ubuntu.com/ubuntu focal/multiverse Translation-en [104 kB]
Get:10 http://us-east-2.ec2.archive.ubuntu.com/ubuntu focal/multiverse amd64 c-n-f Metadata [136 kB]
Get:11 http://us-east-2.ec2.archive.ubuntu.com/ubuntu focal/main amd64 Packages [588 kB]
Get:12 http://us-east-2.ec2.archive.ubuntu.com/ubuntu focal-updates/main Translation-en [150 kB]
Get:13 http://us-east-2.ec2.archive.ubuntu.com/ubuntu focal-updates/main amd64 c-n-f Metadata [10.3 kB]
Get:14 http://us-east-2.ec2.archive.ubuntu.com/ubuntu focal-updates/restricted amd64 Packages [67.1 kB]
Get:15 http://us-east-2.ec2.archive.ubuntu.com/ubuntu focal-updates/restricted Translation-en [10.8 kB]
Get:16 http://us-east-2.ec2.archive.ubuntu.com/ubuntu focal-updates/restricted amd64 c-n-f Metadata [352 kB]
Get:17 http://us-east-2.ec2.archive.ubuntu.com/ubuntu focal-updates/universe amd64 Packages [666 kB]
Get:18 http://us-east-2.ec2.archive.ubuntu.com/ubuntu focal-updates/universe Translation-en [124 kB]
Get:19 http://us-east-2.ec2.archive.ubuntu.com/ubuntu focal-updates/universe amd64 c-n-f Metadata [12.0 kB]
Get:20 http://us-east-2.ec2.archive.ubuntu.com/ubuntu focal-updates/multiverse amd64 Packages [15.1 kB]
Get:21 http://us-east-2.ec2.archive.ubuntu.com/ubuntu focal-updates/multiverse Translation-en [3892 kB]
Get:22 http://us-east-2.ec2.archive.ubuntu.com/ubuntu focal-updates/multiverse amd64 c-n-f Metadata [480 kB]
Get:23 http://us-east-2.ec2.archive.ubuntu.com/ubuntu focal-backports/main amd64 c-n-f Metadata [112 kB]
Get:24 http://us-east-2.ec2.archive.ubuntu.com/ubuntu focal-backports/main amd64 c-n-f Metadata [116 kB]
Get:25 http://us-east-2.ec2.archive.ubuntu.com/ubuntu focal-backports/universe amd64 Packages [4012 kB]
Get:26 http://us-east-2.ec2.archive.ubuntu.com/ubuntu focal-backports/universe Translation-en [1448 kB]
Get:27 http://us-east-2.ec2.archive.ubuntu.com/ubuntu focal-backports/universe amd64 c-n-f Metadata [224 kB]
Get:28 http://us-east-2.ec2.archive.ubuntu.com/ubuntu focal-backports/multiverse amd64 c-n-f Metadata [116 kB]
Get:29 http://security.ubuntu.com/ubuntu focal-security/main amd64 Packages [324 kB]
Get:30 http://security.ubuntu.com/ubuntu focal-security/main Translation-en [75.5 kB]
Get:31 http://security.ubuntu.com/ubuntu focal-security/main amd64 c-n-f Metadata [5000 kB]
Get:32 http://security.ubuntu.com/ubuntu focal-security/restricted amd64 Packages [59.2 kB]
Get:33 http://security.ubuntu.com/ubuntu focal-security/restricted Translation-en [9856 kB]
Get:34 http://security.ubuntu.com/ubuntu focal-security/universe amd64 Packages [506 kB]
Get:35 http://security.ubuntu.com/ubuntu focal-security/universe Translation-en [62.8 kB]
Get:36 http://security.ubuntu.com/ubuntu focal-security/universe amd64 c-n-f Metadata [8484 kB]
Get:37 http://security.ubuntu.com/ubuntu focal-security/multiverse amd64 Packages [1252 kB]
Get:38 http://security.ubuntu.com/ubuntu focal-security/multiverse Translation-en [540 kB]
Get:39 http://security.ubuntu.com/ubuntu focal-security amd64 c-n-f Metadata [116 kB]
Fetched 17.3 MB in 3s (5651 kB/s)
```

i-0294c3a9523efc48a (ubuntu)
Public IPs: 18.216.44.39 Private IPs: 172.31.41.97



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.



3. EBS

The screenshot shows the AWS EC2 Instances page. On the left, there's a navigation sidebar with various EC2-related options like Instances, Images, and Network & Security. The main area displays a table titled 'Instances (1/1)'. A single row is selected for 'Windows RDP', which has an Instance ID of i-08956adfd1d4587bc7, is in a 'Running' state, and is a t2.micro type. It has two status checks and no alarms. The instance is located in the us-east-2b availability zone with a Public IPv4 DNS of ec2-3-17-185-76.us-east-2.compute.amazonaws.com and a Public IPv4 address of 3.17.185.76. There are buttons for Actions, Connect, and Launch instances.

This screenshot shows the 'Instance summary for i-08956adfd1d4587bc7 (Windows RDP)' page. It provides detailed information about the instance, including its public and private IP addresses, elastic IP, VPC ID, and subnet ID. Below this, there's a section for 'AWS Compute Optimizer' with a link to learn more. At the bottom, there's another 'Details' tab and sections for Platform, AMI ID, AMI name, AMI location, and monitoring settings.

Screenshot of the AWS EC2 Volume Management interface showing two volumes listed:

Name	Volume ID	Size	Volume Type	IOPS	Snapshot	Created	Availability Zone	State	Alarm Status	Attachment Information	Monitoring	Volume Status	Encryption
vol-0cd9de3...	2 GiB	gp2	100			October 10, 2020 at...	us-east-2b	available	None			Okay	Not Encryp
vol-0645864...	30 GiB	gp2	100		snap-0e7fe44...	October 10, 2020 at...	us-east-2b	in-use	None	i-08956ad1d4587bc...		Okay	Not Encryp

A modal window titled "Select a volume above" is open, prompting the user to choose a volume to attach.

Screenshot of the AWS EC2 Volume Management interface showing the "Attach Volume" dialog box open:

Attach Volume

Volume	vol-0cd9de3b496bf76dd in us-east-2b
Instance	Search instance ID or Name tag
Device	/dev/sda7 (Windows RDP) (running)

Buttons: Cancel, Attach

Below the dialog, the volume details are shown:

Volumes: vol-0cd9de3b496bf76dd			
Description	Status Checks	Monitoring	Tags
Volume ID	vol-0cd9de3b496bf76dd		
Alarm status	None		
Snapshot	-		
Availability Zone	us-east-2b		
Encryption	Not Encrypted		
KMS Key ID			
KMS Key Aliases			
KMS Key ARN			

Output fields (right side):

Outputs ARN	-
Size	2 GiB
Created	October 10, 2020 at 10:18:53 AM UTC+5:30
State	available
Attachment information	
Volume type	gp2
Product codes	-
IOPS	100

Feedback: English (US) ▾

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Server Manager

Server Manager • File and Storage Services • Volumes • Disks

DISKS

Number	Virtual Disk	Status	Capacity	Unallocated	Partition	Read Only	Clustered	Subsystem	Bus Type	Name
0	EC2AMAZ-R0EHM5V (2)	Online	30.0 GB	0.00 B	MBR			SAS	AWS PVDSK	
1		Offline	2.00 GB	2.00 GB	Unknown	✓		SAS	AWS PVDSK	

Last refreshed on 10/10/2020 4:51:34 AM

VOLUMES

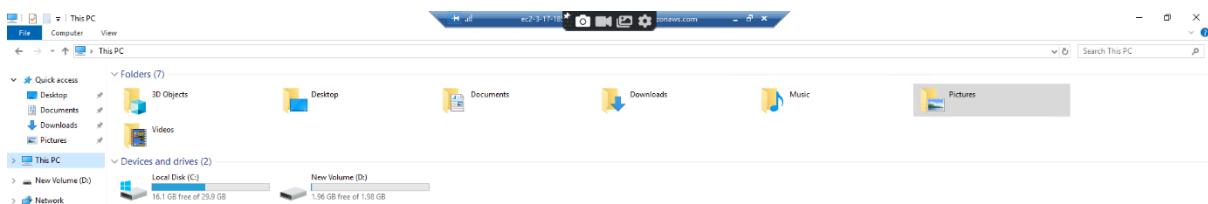
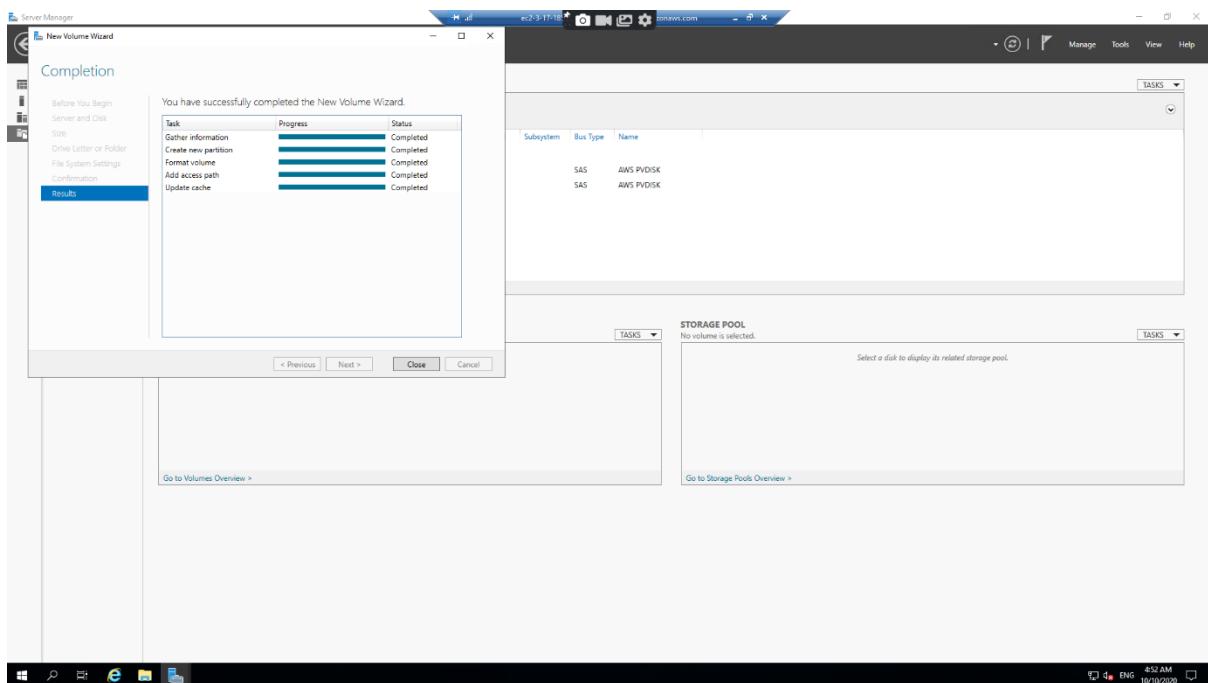
Volume	Status	Provisioning	Capacity	Free Space	Deduplication Rate	Deduplication Savings	Percent Used
EC2AMAZ-R0EHM5V (1)	Fixed	30.0 GB	16.2 GB				

STORAGE POOL

No related storage pool exists.

Go to Volumes Overview > Go to Storage Pools Overview >

Windows taskbar: Search, Start, Internet Explorer, File Explorer, Task View, System tray: ENG, 8:51 AM, 10/10/2020.



4.ELASTIC IP

The screenshot shows the AWS EC2 Instances page. The left sidebar includes options like EC2 Dashboard, Events, Tags, Limits, Instances (selected), Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, Images, AMIs, Elastic Block Store, Volumes, Snapshots, Lifecycle Manager, Network & Security, Security Groups, Elastic IPs (selected), Placement Groups, Key Pairs, and Network Interfaces. The main content area displays two instances: 'apal' (Instance ID: i-050fb6e562d357c62, State: Running, Type: t2.micro) and 'APACHE' (Instance ID: i-057a1a9c683b6348a, State: Running, Type: t2.micro). The 'Actions' dropdown menu is open, showing options like Stop, Start, Terminate, and Launch instances.

The screenshot shows the AWS EC2 Instance Details page for instance i-057a1a9c683b6348a (APACHE). The left sidebar is identical to the previous screenshot. The main content area shows the instance summary for 'APACHE'. It lists the Instance ID (i-057a1a9c683b6348a), Instance state (Running), Instance type (t2.micro), IAM Role (not specified), Public IPv4 address (52.14.45.67), Public IPv4 DNS (ec2-52-14-45-67.us-east-2.compute.amazonaws.com), Private IPv4 addresses (172.51.40.227), Private IPv4 DNS (ip-172-51-40-227.us-east-2.compute.internal), VPC ID (vpc-7e4ae915), and Subnet ID (subnet-20a7cf6c). Below this, there is a section for AWS Compute Optimizer with a 'Learn more' button. The bottom navigation bar includes Details, Security, Networking, Storage, Monitoring, and Tags tabs, with 'Details' selected. The status bar at the bottom indicates the date and time as Sun Oct 11 2020 13:07:52 GMT+0530 (India Standard Time) (2 minutes).

```
Installing : mod_http2-2.15.14-2_amzn2.x86_64
Installing : httpd-2.4.46-1.amzn2.x86_64
Verifying : apr-util-1.6.1-5.amzn2.0.2.x86_64
Verifying : httpd-fs-filesystem-2.4.46-1.amzn2.noarch
Verifying : apr-util-bdb-1.6.1-5.amzn2.0.2.x86_64
Verifying : httpd-tools-2.4.46-1.amzn2.x86_64
Verifying : mod_http2-1.15.14-2.amzn2.x86_64
Verifying : apr-1.6.3-5.amzn2.0.2.x86_64
Verifying : mailcap-2.1.41-2.amzn2.noarch
Verifying : generic-logos-httpd-18.0.0-4.amzn2.noarch
Verifying : httpd-2.4.46-1.amzn2.x86_64

Installed:
httpd.x86_64 0:2.4.46-1.amzn2

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-fs-filesystem.noarch 0:2.4.46-1.amzn2      httpd-tools.x86_64 0:2.4.46-1.amzn2      mailcap.noarch 0:2.1.41-2.amzn2      mod_http2.x86_64 0:1.15.14-2.amzn2

Complete!
[root@ip-172-31-40-227 ec2-user]# systemctl start httpd
[root@ip-172-31-40-227 ec2-user]# systemctl enable httpd
Created symlink from /etc/systemd/system/multi-user.target.wants/httpd.service to /usr/lib/systemd/system/httpd.service.
[root@ip-172-31-40-227 ec2-user]# systemctl status httpd
● httpd.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/httpd.service; enabled; vendor preset: disabled)
   Active: active (running) since Sun 2020-10-11 07:44:49 UTC; 25s ago
     Docs: man:httpd.service(8)
Main PID: 13823 (httpd)
  Status: "Total requests: 0; Idle/Busy workers 100/0;Requests/sec: 0; Bytes served/sec: 0 B/sec"
   CGroup: /system.slice/httpd.service
           13823 /usr/sbin/httpd -DFOREGROUND
           13824 /usr/sbin/httpd -DFOREGROUND
           13825 /usr/sbin/httpd -DFOREGROUND
           13826 /usr/sbin/httpd -DFOREGROUND
           13827 /usr/sbin/httpd -DFOREGROUND
           13828 /usr/sbin/httpd -DFOREGROUND

Oct 11 07:44:49 ip-172-31-40-227.us-east-2.compute.internal systemd[1]: Starting The Apache HTTP Server...
Oct 11 07:44:49 ip-172-31-40-227.us-east-2.compute.internal systemd[1]: Started The Apache HTTP Server.
[root@ip-172-31-40-227 ec2-user]#
```



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".

Test Page

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/httpsd.conf.d/welcome.conf`.

You are free to use the image below on web sites powered by the Apache HTTP Server:



Screenshot of the AWS EC2 Elastic IP addresses page showing one allocation:

Name	Allocated IPv4 address	Type	Allocation ID	Associated instance ID	Private IP address	Association ID
-	18.190.22.153	Public IP	eipalloc-0cf0e6604b1cd18ab	i-057a1a9c683b6348a	172.31.40.227	eipassoc-0497466da258f7638

The screenshot also shows the summary tab for the selected IP address.

Screenshot of the AWS EC2 Elastic IP address details page for 18.190.22.153, showing it has been successfully associated with instance i-057a1a9c683b6348a:

Allocated IPv4 address	Type	Allocation ID	Association ID
18.190.22.153	Public IP	eipalloc-0cf0e6604b1cd18ab	eipassoc-0497466da258f7638

The screenshot also shows the summary tab for the selected IP address.



This site can't be reached

52.14.45.67 took too long to respond.

Try:

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

ERR_CONNECTION_TIMED_OUT

[Reload](#)

[Details](#)



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.

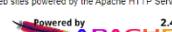
If you would like to let the administrators of this website know that you've seen this page instead of the page you expected, you should send them e-mail. In general, mail sent to the name "webmaster" and directed to the website's domain should reach the appropriate person.

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:



5a. S3

The screenshot shows the AWS S3 console interface. On the left, there's a sidebar with options like Buckets, Batch operations, Access analyzer for S3, and Feature spotlight. The main area is titled "Access S3-backed file shares on premises and reduce local storage costs using AWS Storage Gateway. Learn more". It displays a message: "We've temporarily re-enabled the previous version of the S3 console while we continue to improve the new S3 console experience. Switch to the new console." Below this is a search bar for "S3 buckets" and a "Search for buckets" input field. A button to "+ Create bucket" is visible. The main table lists one bucket:

Bucket name	Access	Region	Date created
pruthvi182000	Bucket and objects not public	US East (Ohio)	Oct 11, 2020 10:13:20 AM GMT+0530

At the bottom, there are tabs for Operations (0 In progress, 1 Success, 0 Error), Feedback (English (US)), and links to Privacy Policy and Terms of Use.

The screenshot shows the AWS S3 object details page for "assignm.png" in the "pruthvi182000" bucket. The top navigation bar includes "Amazon S3 > pruthvi182000 > assignm.png". The main content area has tabs for Overview (selected), Properties, Permissions, and Select from. Below these are buttons for Open, Download, Download as, Make public, and Copy path. The object metadata listed includes:

- Owner: d4d1de1ab4f1ce714805c6ad180c352e141b5834ad4d6637df5a1f31644e0aea
- Last modified: Oct 11, 2020 10:14:59 AM GMT+0530
- Etag: 25a9493ed01b64245bcf5204e803caa
- Storage class: Standard
- Server-side encryption: None
- Size: 64.7 KB
- Key: assignm.png
- Object URL: <https://pruthvi182000.s3.us-east-2.amazonaws.com/assignm.png>

At the bottom, there are tabs for Operations (0 In progress, 2 Success, 0 Error), Feedback (English (US)), and links to Privacy Policy and Terms of Use.

The screenshot shows the AWS S3 Operations page. The top navigation bar includes "Amazon S3 > pruthvi182000 > assignm.png". The main content area shows the following table:

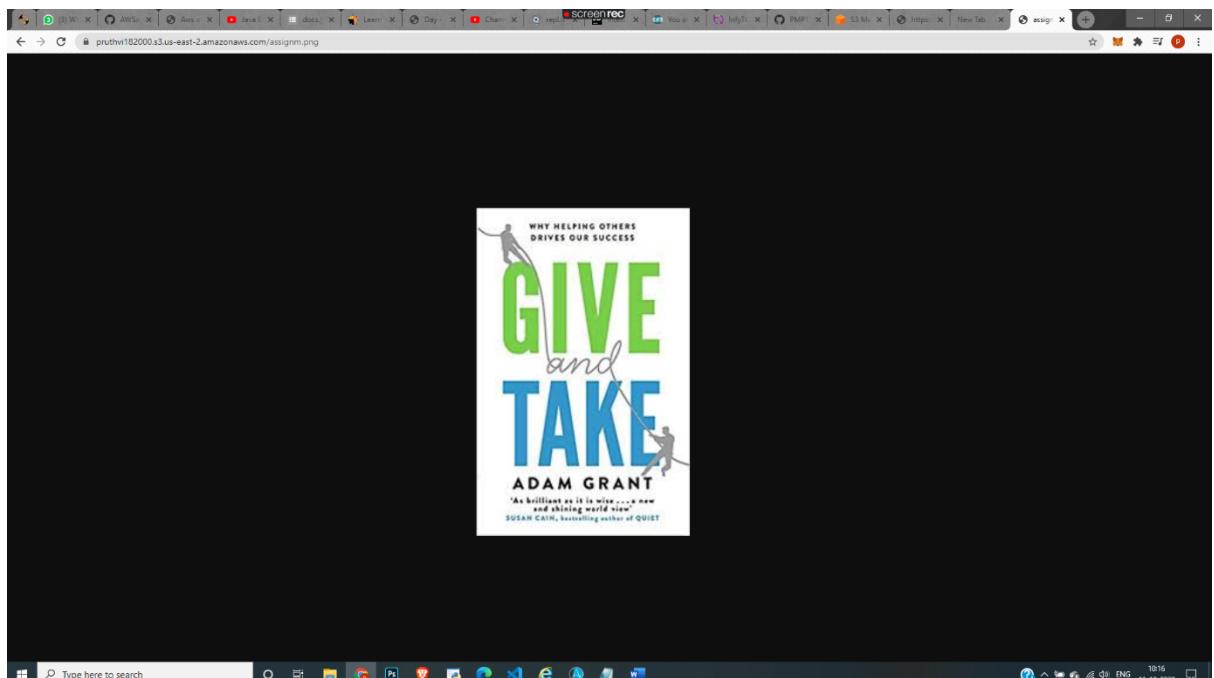
Operations	0 In progress	2 Success	0 Error
Type here to search	0	2	0

At the bottom, there are tabs for Operations (0 In progress, 2 Success, 0 Error), Feedback (English (US)), and links to Privacy Policy and Terms of Use.

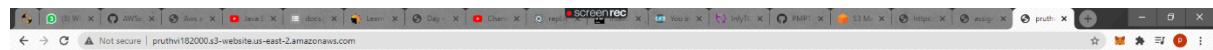


This XML file does not appear to have any style information associated with it. The document tree is shown below:

```
<Error>
<Code>AccessDenied</Code>
<Message>Access Denied</Message>
<RequestId>E4C461722640D9</RequestId>
<HostId>yJcKmK6821vbsQeg/Pi4tY0fI+J2vtUhVydms5fdh0hi6ckxQjAd0pyiP/dIxk2E3brQaeH</HostId>
</Error>
```



5b. STATIC WEB WOSTING



Welcome To My Webpage!!



SORRY!!
You Are In The Wrong Page



5c. VERSIONING

The screenshot shows the AWS S3 console for the bucket 'pruthvi122000'. The 'Versions' tab is selected. It displays two versions of the file 'versioning.txt':

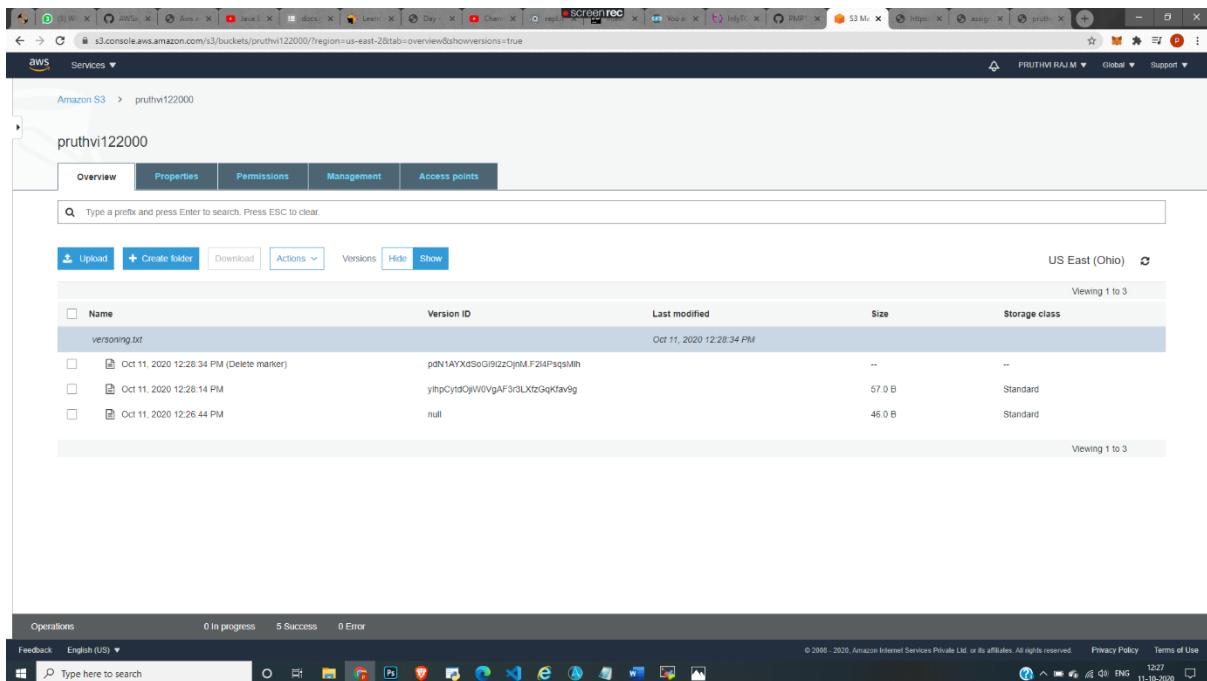
Name	Version ID	Last modified	Size	Storage class
versioning.txt	yIhpCyttdOjIWvgAF3r3LXtzGqkdaVg	Oct 11, 2020 12:28:14 PM (Latest version)	57.0 B	Standard
versioning.txt	null	Oct 11, 2020 12:26:44 PM	46.0 B	Standard

Below the table, there is a note: 'Viewing 1 to 2'.

The screenshot shows the AWS S3 console for the bucket 'pruthvi122000'. The 'Overview' tab is selected. A message says: 'This bucket is empty. Upload new objects to get started.' Below this, there are three sections:

- Upload an object**: Shows an icon of a bucket with a plus sign. Text: 'Buckets are globally unique containers for everything that you store in Amazon S3.' Buttons: 'Learn more' and 'Get started'.
- Set object properties**: Shows an icon of two people with a plus sign. Text: 'After you create a bucket, you can upload your objects (for example, your photo or video files).' Buttons: 'Learn more' and 'Get started'.
- Set object permissions**: Shows an icon of three stacked cylinders with a gear. Text: 'By default, the permissions on an object are private, but you can set up access control policies to grant permissions to others.' Buttons: 'Learn more' and 'Get started'.

At the bottom, the 'Operations' bar shows: 0 In progress, 4 Success, 0 Error. The status bar at the bottom right shows: PRUTHVI RAJ M, Global, Support, Privacy Policy, Terms of Use, 12:27, ENG, 11-10-2020.



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.

TERMINATE 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.