

# Homework1:

```
C:\Users\user>cd Desktop/cloud
```

```
C:\Users\user\Desktop\cloud>dir
```

Volume in drive C has no label.

Volume Serial Number is 1CF6-F84B

Directory of C:\Users\user\Desktop\cloud

```
06/01/2020 07:46 PM <DIR>      .
06/01/2020 07:46 PM <DIR>      ..
05/30/2020 09:11 PM           346 1.txt
06/02/2020 02:58 AM           190 2.txt
05/31/2020 08:06 PM           296 3.txt
05/30/2020 07:08 PM           194 credentials.csv
05/30/2020 08:18 PM       1,699 help.pem.txt
05/29/2020 08:15 PM       1,431 keycloudclass.ppk
05/30/2020 07:28 PM       1,692 mykey1111.pem
06/01/2020 07:46 PM              0 ping
            8 File(s)      5,848 bytes
            2 Dir(s) 210,172,825,600 bytes free
```

```
C:\Users\user\Desktop\cloud>aws ec2 run-instances --image-id ami-0447a12f28fddb066
--instance-type t2.micro --count 1 --subnet-id subnet-d7ead0bf --security-group-ids
sg-08ede0983c0034902 --key-name mykey1111
```

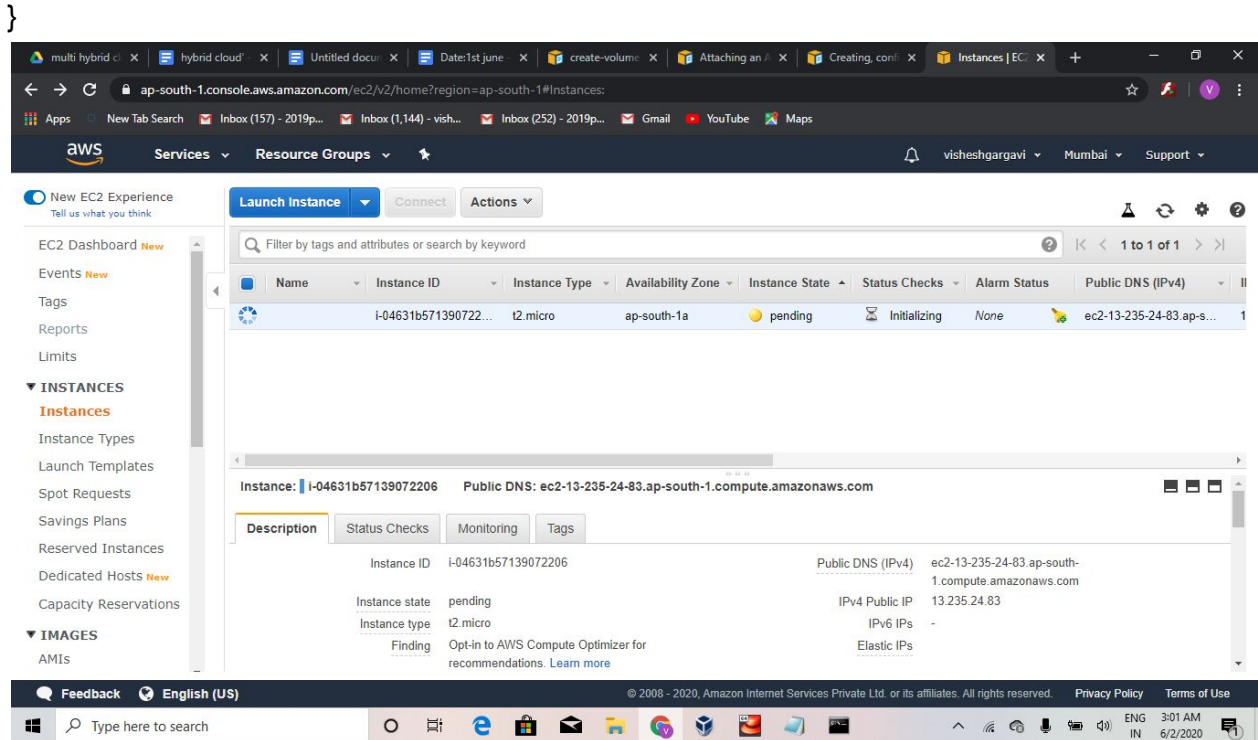
```
{
  "Groups": [],
  "Instances": [
    {
      "AmiLaunchIndex": 0,
      "ImageId": "ami-0447a12f28fddb066",
      "InstanceId": "i-04631b57139072206",
      "InstanceType": "t2.micro",
      "KeyName": "mykey1111",
      "LaunchTime": "2020-06-01T21:31:37+00:00",
      "Monitoring": {
        "State": "disabled"
      },
      "Placement": {
        "AvailabilityZone": "ap-south-1a",
        "GroupName": "",
        "Tenancy": "default"
      }
    }
  ]
}
```

```
},
"PrivateDnsName": "ip-172-31-40-7.ap-south-1.compute.internal",
"PrivateIpAddress": "172.31.40.7",
"ProductCodes": [],
"PublicDnsName": "",
"State": {
  "Code": 0,
  "Name": "pending"
},
"StateTransitionReason": "",
"SubnetId": "subnet-d7ead0bf",
"VpcId": "vpc-15f8e57d",
"Architecture": "x86_64",
"BlockDeviceMappings": [],
"ClientToken": "49daca14-b0ef-4e35-ab24-536e5527d2ae",
"EbsOptimized": false,
"Hypervisor": "xen",
"NetworkInterfaces": [
  {
    "Attachment": {
      "AttachTime": "2020-06-01T21:31:37+00:00",
      "AttachmentId": "eni-attach-00bf4144bdf312034",
      "DeleteOnTermination": true,
      "DeviceIndex": 0,
      "Status": "attaching"
    },
    "Description": "",
    "Groups": [
      {
        "GroupName": "launch-wizard-1",
        "GroupId": "sg-08ede0983c0034902"
      }
    ],
    "Ipv6Addresses": [],
    "MacAddress": "02:18:87:f7:6a:fc",
    "NetworkInterfaceId": "eni-0009f73471ec18b1e",
    "OwnerId": "410914255776",
    "PrivateDnsName": "ip-172-31-40-7.ap-south-1.compute.internal",
    "PrivateIpAddress": "172.31.40.7",
    "PrivateIpAddresses": [
      {
        "Primary": true,
        "PrivateDnsName": "ip-172-31-40-7.ap-south-1.compute.internal",
```

```

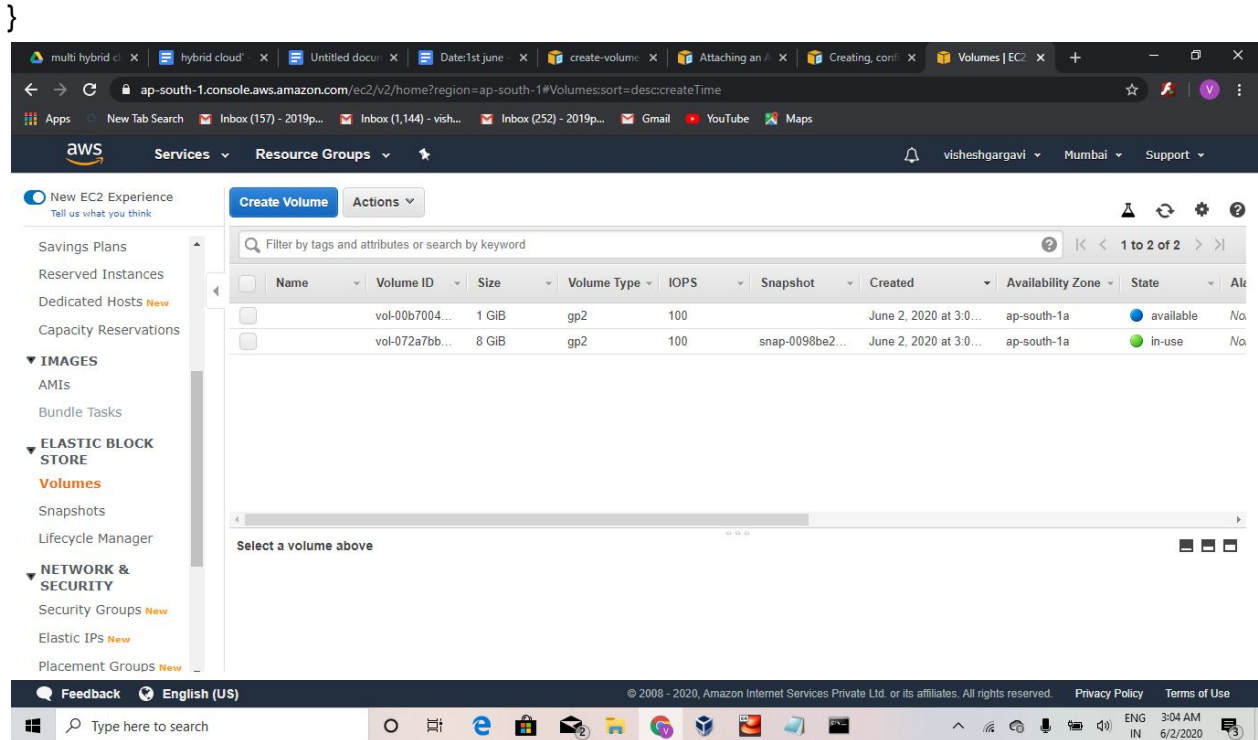
        "PrivateIpAddress": "172.31.40.7"
    }
],
    "SourceDestCheck": true,
    "Status": "in-use",
    "SubnetId": "subnet-d7ead0bf",
    "VpcId": "vpc-15f8e57d",
    "InterfaceType": "interface"
}
],
    "RootDeviceName": "/dev/xvda",
    "RootDeviceType": "ebs",
    "SecurityGroups": [
        {
            "GroupName": "launch-wizard-1",
            "GroupId": "sg-08ede0983c0034902"
        }
    ],
    "SourceDestCheck": true,
    "StateReason": {
        "Code": "pending",
        "Message": "pending"
    },
    "VirtualizationType": "hvm",
    "CpuOptions": {
        "CoreCount": 1,
        "ThreadsPerCore": 1
    },
    "CapacityReservationSpecification": {
        "CapacityReservationPreference": "open"
    },
    "MetadataOptions": {
        "State": "pending",
        "HttpTokens": "optional",
        "HttpPutResponseHopLimit": 1,
        "HttpEndpoint": "enabled"
    }
}
],
    "OwnerId": "410914255776",
    "ReservationId": "r-06cad74b9a0efc348"

```



```
C:\Users\user\Desktop\cloud>aws ec2 create-volume --volume-type gp2 --size 1
--availability-zone ap-south-1a
```

```
{
  "AvailabilityZone": "ap-south-1a",
  "CreateTime": "2020-06-01T21:33:59+00:00",
  "Encrypted": false,
  "Size": 1,
  "SnapshotId": "",
  "State": "creating",
  "VolumeId": "vol-00b7004779902545a",
  "Iops": 100,
  "Tags": [],
  "VolumeType": "gp2"
}
```



C:\Users\user\Desktop\cloud>

C:\Users\user\Desktop\cloud>aws ec2 attach-volume help

attach-volume

^^^^^^^^^^^^^^^^

attach-volume

--device <value>

--instance-id <value>

--volume-id <value>

[--dry-run | --no-dry-run]

[--cli-input-json | --cli-input-yaml]

[--generate-cli-skeleton <value>]

[--cli-auto-prompt <value>]

Options

\*\*\*\*\*

"--device" (string)

The device name (for example, "/dev/sdh" or "xvdh" ).

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```
C:\Users\user\Desktop\cloud>aws ec2 attach-volume --instance-id i-04631b57139072206
--volume-id vol-00b7004779902545a
```

usage: aws [options] <command> <subcommand> [<subcommand> ...] [parameters]

To see help text, you can run:

```
aws help
```

```
aws <command> help
```

```
aws <command> <subcommand> help
```

aws: error: the following arguments are required: --device

```
C:\Users\user\Desktop\cloud>aws ec2 describe-volumes
```

```
{
  "Volumes": [
    {
      "Attachments": [
        {
          "AttachTime": "2020-06-01T21:31:38+00:00",
          "Device": "/dev/xvda",
          "InstanceId": "i-04631b57139072206",
          "State": "attached",
          "VolumeId": "vol-072a7bbcb4c91933a",
          "DeleteOnTermination": true
        }
      ],
      "AvailabilityZone": "ap-south-1a",
      "CreateTime": "2020-06-01T21:31:38.950000+00:00",
      "Encrypted": false,
      "Size": 8,
      "SnapshotId": "snap-0098be2da36a1fea3",
      "State": "in-use",
      "VolumeId": "vol-072a7bbcb4c91933a",
      "Iops": 100,
      "VolumeType": "gp2"
    },
    {
      "Attachments": [],
      "AvailabilityZone": "ap-south-1a",
      "CreateTime": "2020-06-01T21:33:59.226000+00:00",
      "Encrypted": false,
      "Size": 1,
```

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```
C:\Users\user\Desktop\cloud>aws ec2 attach-volume --instance-id i-04631b57139072206
--volume-id vol-00b7004779902545a --device /dev/xvda
```

An error occurred (InvalidParameterValue) when calling the AttachVolume operation: Invalid value '/dev/xvda' for unixDevice. Attachment point /dev/xvda is already in use

```
C:\Users\user\Desktop\cloud>aws ec2 attach-volume --instance-id i-04631b57139072206
--volume-id vol-00b7004779902545a --device /dev/xvda1
```

An error occurred (InvalidParameterValue) when calling the AttachVolume operation: Value (/dev/xvda1) for parameter device is invalid. /dev/xvda1 is not a valid EBS device name.

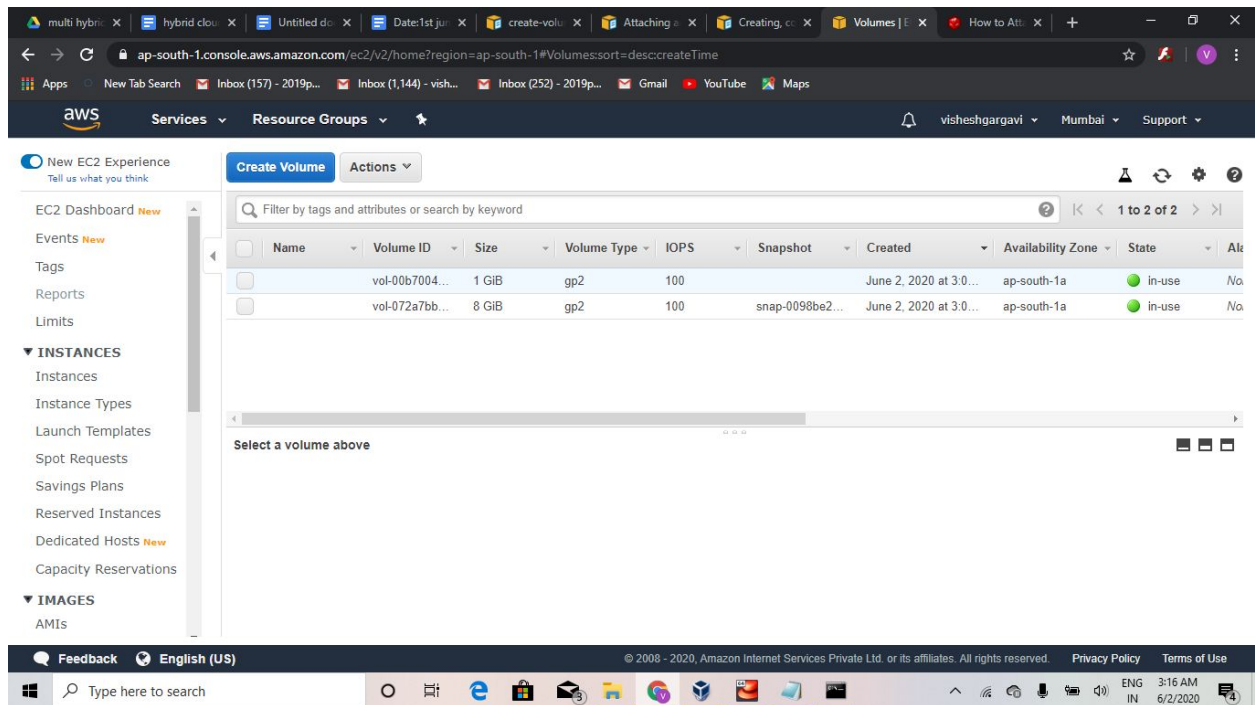
```
C:\Users\user\Desktop\cloud>aws ec2 attach-volume --instance-id i-04631b57139072206
--volume-id vol-00b7004779902545a --device "/dev/xvda"
```

An error occurred (InvalidParameterValue) when calling the AttachVolume operation: Invalid value '/dev/xvda' for unixDevice. Attachment point /dev/xvda is already in use

```
C:\Users\user\Desktop\cloud>aws ec2 attach-volume --instance-id i-04631b57139072206
--volume-id vol-00b7004779902545a --device /dev/sdf
```

```
{
  "AttachTime": "2020-06-01T21:44:05.088000+00:00",
  "Device": "/dev/sdf",
  "InstanceId": "i-04631b57139072206",
  "State": "attaching",
  "VolumeId": "vol-00b7004779902545a"
```

}



```
C:\Users\user\Desktop\cloud>ssh -l ec2-user 13.235.24.83 -i mykey1111.pem
The authenticity of host '13.235.24.83 (13.235.24.83)' can't be established.
ECDSA key fingerprint is SHA256:AiluVm0N9gv+phh9lashkjsbUHTW/wY5Hu/IDRDcLNQ.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '13.235.24.83' (ECDSA) to the list of known hosts.
```

```
__| __| )
__| ( / Amazon Linux 2 AMI
__|\__|__|
```

<https://aws.amazon.com/amazon-linux-2/>

```
[ec2-user@ip-172-31-40-7 ~]$ whoami
```

```
ec2-user
```

```
[ec2-user@ip-172-31-40-7 ~]$ sudo su - root
```

```
[root@ip-172-31-40-7 ~]# fdisk -l
```

```
Disk /dev/xvda: 8 GiB, 8589934592 bytes, 16777216 sectors
```

```
Units: sectors of 1 * 512 = 512 bytes
```

```
Sector size (logical/physical): 512 bytes / 512 bytes
```

```
I/O size (minimum/optimal): 512 bytes / 512 bytes
```

```
Disklabel type: gpt
```

```
Disk identifier: 0D7E094F-1C63-43F2-AC82-3316E992075B
```

Device	Start	End	Sectors	Size	Type
--------	-------	-----	---------	------	------



```
/dev/xvda1 4096 16777182 16773087 8G Linux filesystem
/dev/xvda128 2048 4095 2048 1M BIOS boot
```

Partition table entries are not in disk order.

```
Disk /dev/xvdf: 1 GiB, 1073741824 bytes, 2097152 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
[root@ip-172-31-40-7 ~]# fdisk /dev/xvdf
```

Welcome to fdisk (util-linux 2.30.2).  
Changes will remain in memory only, until you decide to write them.  
Be careful before using the write command.

Device does not contain a recognized partition table.  
Created a new DOS disklabel with disk identifier 0x427d49e5.

```
Command (m for help): n
Partition type
  p   primary (0 primary, 0 extended, 4 free)
  e   extended (container for logical partitions)
Select (default p): p
Partition number (1-4, default 1):
First sector (2048-2097151, default 2048):
Last sector, +sectors or +size{K,M,G,T,P} (2048-2097151, default 2097151):
```

Created a new partition 1 of type 'Linux' and of size 1023 MiB.

```
Command (m for help): w
The partition table has been altered.
Calling ioctl() to re-read partition table.
Syncing disks.
```

```
[root@ip-172-31-40-7 ~]# mkfs.ext4 /dev/xvdf1
mke2fs 1.42.9 (28-Dec-2013)
Filesystem label=
OS type: Linux
Block size=4096 (log=2)
Fragment size=4096 (log=2)
Stride=0 blocks, Stripe width=0 blocks
65536 inodes, 261888 blocks
```

13094 blocks (5.00%) reserved for the super user  
First data block=0  
Maximum filesystem blocks=268435456  
8 block groups  
32768 blocks per group, 32768 fragments per group  
8192 inodes per group  
Superblock backups stored on blocks:  
32768, 98304, 163840, 229376

Allocating group tables: done  
Writing inode tables: done  
Creating journal (4096 blocks): done  
Writing superblocks and filesystem accounting information: done

```
[root@ip-172-31-40-7 ~]# mkdir /mydata
[root@ip-172-31-40-7 ~]# mount /dev/xvdf1 /mydata
[root@ip-172-31-40-7 ~]# df -h
```

Filesystem	Size	Used	Avail	Use%	Mounted on
devtmpfs	474M	0	474M	0%	/dev
tmpfs	492M	0	492M	0%	/dev/shm
tmpfs	492M	408K	492M	1%	/run
tmpfs	492M	0	492M	0%	/sys/fs/cgroup
/dev/xvda1	8.0G	1.3G	6.8G	16%	/
tmpfs	99M	0	99M	0%	/run/user/1000
/dev/xvdf1	991M	2.6M	922M	1%	/mydata

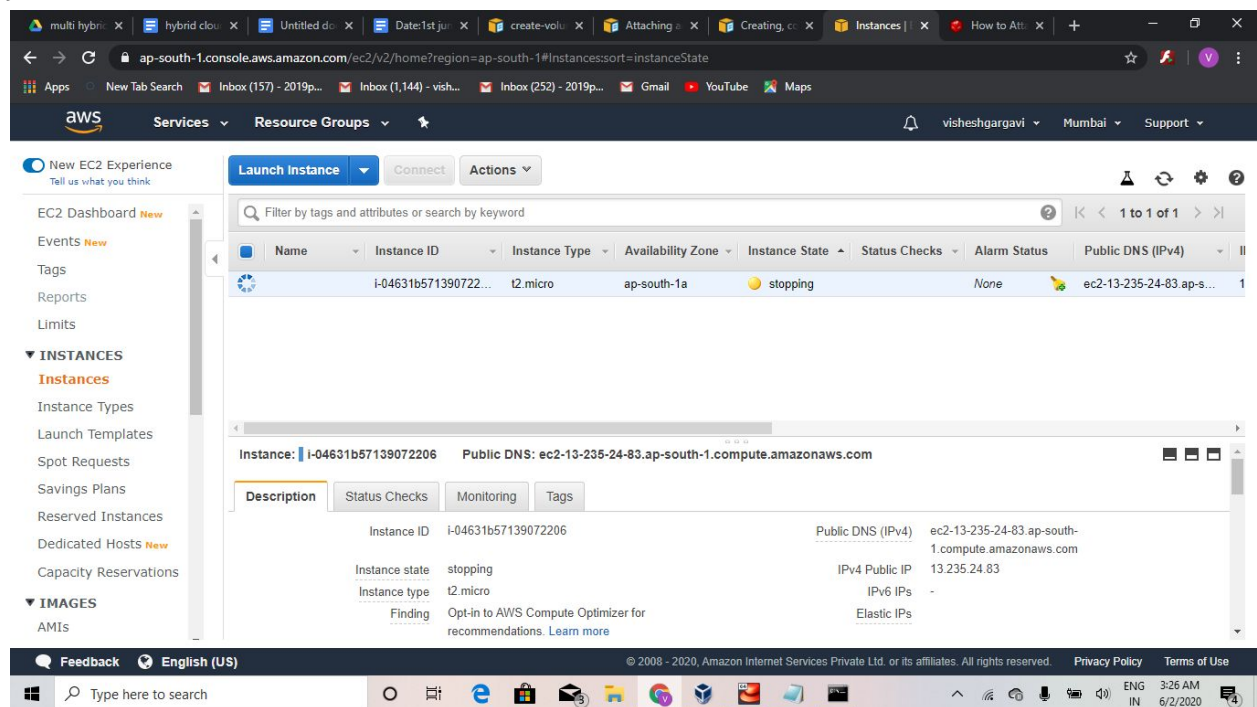
```
[root@ip-172-31-40-7 ~]# cd /mydata
[root@ip-172-31-40-7 mydata]# ls
lost+found
[root@ip-172-31-40-7 mydata]# cat > vishesh.html
hii vishesh
[root@ip-172-31-40-7 mydata]# cat vishesh.html
hii vishesh
[root@ip-172-31-40-7 mydata]# exit
logout
[ec2-user@ip-172-31-40-7 ~]$ exit
logout
Connection to 13.235.24.83 closed.
```

```
C:\Users\user\Desktop\cloud>aws ec2 stop-instances --instance-ids i-04631b57139072206
{
  "StoppingInstances": [
    {
      "CurrentState": {
```

```

    "Code": 64,
    "Name": "stopping"
  },
  "InstanceId": "i-04631b57139072206",
  "PreviousState": {
    "Code": 16,
    "Name": "running"
  }
}
]
}

```



C:\Users\user\Desktop\cloud>aws ec2 terminate-instances --instance-ids i-04631b57139072206

```

{
  "TerminatingInstances": [
    {
      "CurrentState": {
        "Code": 48,
        "Name": "terminated"
      },
      "InstanceId": "i-04631b57139072206",
      "PreviousState": {
        "Code": 80,
        "Name": "stopped"
      }
    }
  ]
}

```

```

    }
  }
]
}
C:\Users\user\Desktop\cloud>aws ec2 run-instances --image-id ami-0447a12f28fddb066
--instance-type t2.micro --count 1 --subnet-id subnet-d7ead0bf --security-group-ids
sg-08ede0983c0034902 --key-name mykey1111

```

```

{
  "Groups": [],
  "Instances": [
    {
      "AmiLaunchIndex": 0,
      "ImageId": "ami-0447a12f28fddb066",
      "InstanceId": "i-02d76c85eac8bb2fd",
      "InstanceType": "t2.micro",
      "KeyName": "mykey1111",
      "LaunchTime": "2020-06-01T21:57:56+00:00",
      "Monitoring": {
        "State": "disabled"
      },
      "Placement": {
        "AvailabilityZone": "ap-south-1a",
        "GroupName": "",
        "Tenancy": "default"
      },
      "PrivateDnsName": "ip-172-31-32-72.ap-south-1.compute.internal",
      "PrivateIpAddress": "172.31.32.72",
      "ProductCodes": [],
      "PublicDnsName": "",
      "State": {
        "Code": 0,
        "Name": "pending"
      },
      "StateTransitionReason": "",
      "SubnetId": "subnet-d7ead0bf",
      "VpcId": "vpc-15f8e57d",
    }
  ]
}

```

^C

The top screenshot shows the AWS Management Console for the 'ap-south-1' region. The left sidebar contains navigation links for EC2 Dashboard, Events, Tags, Reports, Limits, INSTANCES, and IMAGES. The main content area displays a table of EC2 instances. Below the table, there is a prompt to 'Select an instance above'.

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)
	i-02d76c85eac8bb2fd	t2.micro	ap-south-1a	pending	Initializing	None	ec2-13-235-0-180.ap-s...
	i-04631b571390722...	t2.micro	ap-south-1a	terminated		None	

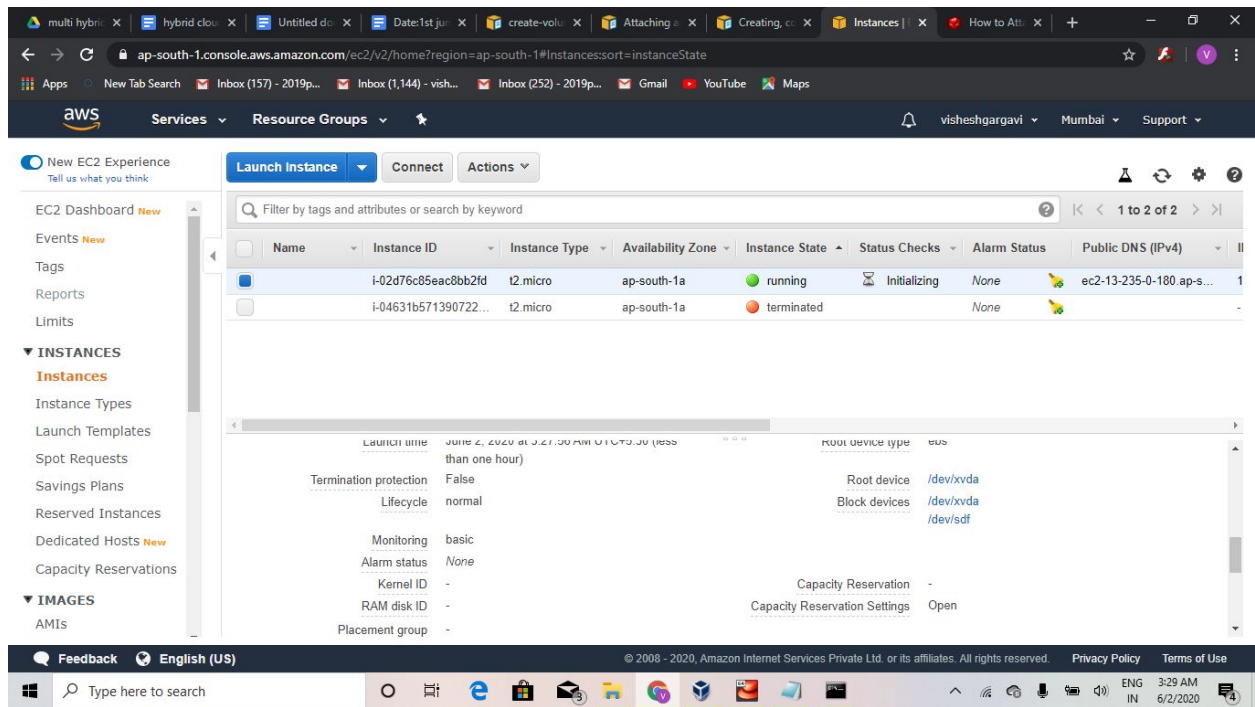
The bottom screenshot shows the AWS Management Console for the 'ap-south-1' region, specifically the Elastic Block Store (EBS) Volumes page. The left sidebar contains navigation links for Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, IMAGES, ELASTIC BLOCK STORE, and NETWORK & SECURITY. The main content area displays a table of EBS volumes. Below the table, there is a prompt to 'Select a volume above'.

Name	Volume ID	Size	Volume Type	IOPS	Snapshot	Created	Availability Zone	State
	vol-05d2bf75...	8 GiB	gp2	100	snap-0098be2...	June 2, 2020 at 3:2...	ap-south-1a	in-use
	vol-00b7004...	1 GiB	gp2	100		June 2, 2020 at 3:0...	ap-south-1a	available

```
C:\Users\user\Desktop\cloud>aws ec2 attach-volume --instance-id i-02d76c85eac8bb2fd
--volume-id vol-00b7004779902545a --device /dev/sdf
{
  "AttachTime": "2020-06-01T21:59:17.656000+00:00",
  "Device": "/dev/sdf",
```

```
"InstanceId": "i-02d76c85eac8bb2fd",
"State": "attaching",
"VolumeId": "vol-00b7004779902545a"
```

```
}
```



```
C:\Users\user\Desktop\cloud>aws ec2 describe-security-groups --group-ids
sg-08ede0983c0034902
```

```
{
```

```
"SecurityGroups": [
  {
    "Description": "launch-wizard-1 created 2020-05-29T20:32:16.374+05:30",
    "GroupName": "launch-wizard-1",
    "IpPermissions": [
      {
        "FromPort": 22,
        "IpProtocol": "tcp",
        "IpRanges": [
          {
            "CidrIp": "0.0.0.0/0"
          }
        ],
        "Ipv6Ranges": [],
        "PrefixListIds": [],
        "ToPort": 22,
        "UserIdGroupPairs": []
      }
    ]
  }
]
```

```

    ],
    "OwnerId": "410914255776",
    "GroupId": "sg-08ede0983c0034902",
    "IpPermissionsEgress": [
      {
        "IpProtocol": "-1",
        "IpRanges": [
          {
            "CidrIp": "0.0.0.0/0"
          }
        ]
      },
      {
        "IpProtocol": "tcp",
        "IpRanges": [
          {
            "CidrIp": "0.0.0.0/0"
          }
        ]
      }
    ],
    "Ipv6Ranges": [],
    "PrefixListIds": [],
    "UserIdGroupPairs": []
  }
],
"VpcId": "vpc-15f8e57d"
}
]
}

```

C:\Users\user\Desktop\cloud>aws ec2 authorize-security-group-ingress --group-name launch-wizard-1 --protocol tcp --port 80 --cidr 0.0.0.0/0

The screenshot shows the AWS Management Console interface. The left sidebar contains navigation links for various services, including EC2, ELASTIC BLOCK STORE, NETWORK & SECURITY, and LOAD BALANCING. The main content area displays the details of a security group named 'launch-wizard-1'.

Security group name	Security group ID	Description	VPC ID
launch-wizard-1	sg-08ede0983c0034902	launch-wizard-1 created 2020-05-29T20:32:16.374+05:30	vpc-15f8e57d

Owner	Inbound rules count	Outbound rules count
410914255776	2 Permission entries	1 Permission entry

**Inbound rules**

Type	Protocol	Port range	Source	Description - optional
HTTP	TCP	80	0.0.0.0/0	-
SSH	TCP	22	0.0.0.0/0	-

The bottom of the screenshot shows the Windows taskbar with various application icons and the system clock indicating 3:34 AM on 6/2/2020.

```
C:\Users\user\Desktop\cloud>ssh -l ec2-user 13.235.0.180 -i mykey1111.pem
The authenticity of host '13.235.0.180 (13.235.0.180)' can't be established.
ECDSA key fingerprint is SHA256:6SGpWFbNdscPWjnkF4VcGw2Ydkgb5M3ICPb8OHwY9Y8.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '13.235.0.180' (ECDSA) to the list of known hosts.
```

```
__| __| )
_| ( / Amazon Linux 2 AMI
__|\__|__|
```

```
https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-172-31-32-72 ~]$ sudo su - root
[root@ip-172-31-32-72 ~]# fdisk -l
Disk /dev/xvda: 8 GiB, 8589934592 bytes, 16777216 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: gpt
Disk identifier: 0D7E094F-1C63-43F2-AC82-3316E992075B
```

Device	Start	End	Sectors	Size	Type
/dev/xvda1	4096	16777182	16773087	8G	Linux filesystem
/dev/xvda128	2048	4095	2048	1M	BIOS boot

Partition table entries are not in disk order.

```
Disk /dev/xvdf: 1 GiB, 1073741824 bytes, 2097152 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: 0x427d49e5
```

Device	Boot	Start	End	Sectors	Size	Id	Type
/dev/xvdf1		2048	2097151	2095104	1023M	83	Linux

```
[root@ip-172-31-32-72 ~]# mount /dev/xvdf1 /var/www/html
mount: /var/www/html: mount point does not exist.
[root@ip-172-31-32-72 ~]# yum install http
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core | 2.4 kB 00:00:00
No package http available.
```



Error: Nothing to do

```
[root@ip-172-31-32-72 ~]# yum install httpd
```

Loaded plugins: extras\_suggestions, langpacks, priorities, update-motd

Resolving Dependencies

--> Running transaction check

---> Package httpd.x86\_64 0:2.4.43-1.amzn2 will be installed

--> Processing Dependency: httpd-tools = 2.4.43-1.amzn2 for package:

httpd-2.4.43-1.amzn2.x86\_64

--> Processing Dependency: httpd filesystem = 2.4.43-1.amzn2 for package:

httpd-2.4.43-1.amzn2.x86\_64

--> Processing Dependency: system-logos-httpd for package: httpd-2.4.43-1.amzn2.x86\_64

--> Processing Dependency: mod\_http2 for package: httpd-2.4.43-1.amzn2.x86\_64

--> Processing Dependency: httpd filesystem for package: httpd-2.4.43-1.amzn2.x86\_64

--> Processing Dependency: /etc/mime.types for package: httpd-2.4.43-1.amzn2.x86\_64

--> Processing Dependency: libaprutil-1.so.0()(64bit) for package: httpd-2.4.43-1.amzn2.x86\_64

--> Processing Dependency: libapr-1.so.0()(64bit) for package: httpd-2.4.43-1.amzn2.x86\_64

--> Running transaction check

---> Package apr.x86\_64 0:1.6.3-5.amzn2.0.2 will be installed

---> Package apr-util.x86\_64 0:1.6.1-5.amzn2.0.2 will be installed

--> Processing Dependency: apr-util-bdb(x86-64) = 1.6.1-5.amzn2.0.2 for package:

apr-util-1.6.1-5.amzn2.0.2.x86\_64

---> Package generic-logos-httpd.noarch 0:18.0.0-4.amzn2 will be installed

---> Package httpd filesystem.noarch 0:2.4.43-1.amzn2 will be installed

---> Package httpd-tools.x86\_64 0:2.4.43-1.amzn2 will be installed

---> Package mailcap.noarch 0:2.1.41-2.amzn2 will be installed

---> Package mod\_http2.x86\_64 0:1.15.3-2.amzn2 will be installed

--> Running transaction check

---> Package apr-util-bdb.x86\_64 0:1.6.1-5.amzn2.0.2 will be installed

--> Finished Dependency Resolution

Dependencies Resolved

```
=====
===== Package Arch
Version      Repository    Size
=====
=====Installing:
httpd        x86_64        2.4.43-1.amzn2    amzn2-core      1.3 M
Installing for dependencies:
apr          x86_64        1.6.3-5.amzn2.0.2  amzn2-core      118 k
apr-util     x86_64        1.6.1-5.amzn2.0.2  amzn2-core      99 k
apr-util-bdb x86_64        1.6.1-5.amzn2.0.2  amzn2-core      19
k
```

generic-logos-httpd	noarch	18.0.0-4.amzn2	amzn2-core	
19 k				
httpd-filesystem	noarch	2.4.43-1.amzn2	amzn2-core	23
k				
httpd-tools	x86_64	2.4.43-1.amzn2	amzn2-core	87
k				
mailcap	noarch	2.1.41-2.amzn2	amzn2-core	31 k
mod_http2	x86_64	1.15.3-2.amzn2	amzn2-core	
146 k				

# Transaction Summary

```

=====
=====Install 1 Package (+8
Dependent packages)

```

Total download size: 1.8 M

Installed size: 5.1 M

Is this ok [y/d/N]: y

Downloading packages:

```

(1/9): apr-1.6.3-5.amzn2.0.2.x86_64.rpm | 118 kB 00:00:00
(2/9): apr-util-1.6.1-5.amzn2.0.2.x86_64.rpm | 99 kB 00:00:00
(3/9): apr-util-bdb-1.6.1-5.amzn2.0.2.x86_64.rpm | 19 kB
00:00:00
(4/9): generic-logos-httpd-18.0.0-4.amzn2.noarch.rpm | 19 kB
00:00:00
(5/9): httpd-filesystem-2.4.43-1.amzn2.noarch.rpm | 23 kB
00:00:00
(6/9): httpd-2.4.43-1.amzn2.x86_64.rpm | 1.3 MB 00:00:00
(7/9): httpd-tools-2.4.43-1.amzn2.x86_64.rpm | 87 kB
00:00:00
(8/9): mailcap-2.1.41-2.amzn2.noarch.rpm | 31 kB 00:00:00
(9/9): mod_http2-1.15.3-2.amzn2.x86_64.rpm | 146 kB
00:00:00

```

```

-----Total
10 MB/s | 1.8 MB 00:00:00

```

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

Installing : apr-1.6.3-5.amzn2.0.2.x86_64	1/9
Installing : apr-util-bdb-1.6.1-5.amzn2.0.2.x86_64	2/9
Installing : apr-util-1.6.1-5.amzn2.0.2.x86_64	3/9
Installing : httpd-tools-2.4.43-1.amzn2.x86_64	4/9

```

Installing : generic-logos-httpd-18.0.0-4.amzn2.noarch          5/9
Installing : mailcap-2.1.41-2.amzn2.noarch                    6/9
Installing : httpd-filesystem-2.4.43-1.amzn2.noarch           7/9
Installing : mod_http2-1.15.3-2.amzn2.x86_64                 8/9
Installing : httpd-2.4.43-1.amzn2.x86_64                     9/9
Verifying  : apr-util-1.6.1-5.amzn2.0.2.x86_64              1/9
Verifying  : apr-util-bdb-1.6.1-5.amzn2.0.2.x86_64          2/9
Verifying  : httpd-2.4.43-1.amzn2.x86_64                    3/9
Verifying  : mod_http2-1.15.3-2.amzn2.x86_64                4/9
Verifying  : httpd-filesystem-2.4.43-1.amzn2.noarch          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-2.4.43-1.amzn2.x86_64              9/9

```

Installed:

```
httpd.x86_64 0:2.4.43-1.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-filesystem.noarch 0:2.4.43-1.amzn2  httpd-tools.x86_64 0:2.4.43-1.amzn2
mailcap.noarch 0:2.1.41-2.amzn2            mod_http2.x86_64 0:1.15.3-2.amzn2

```

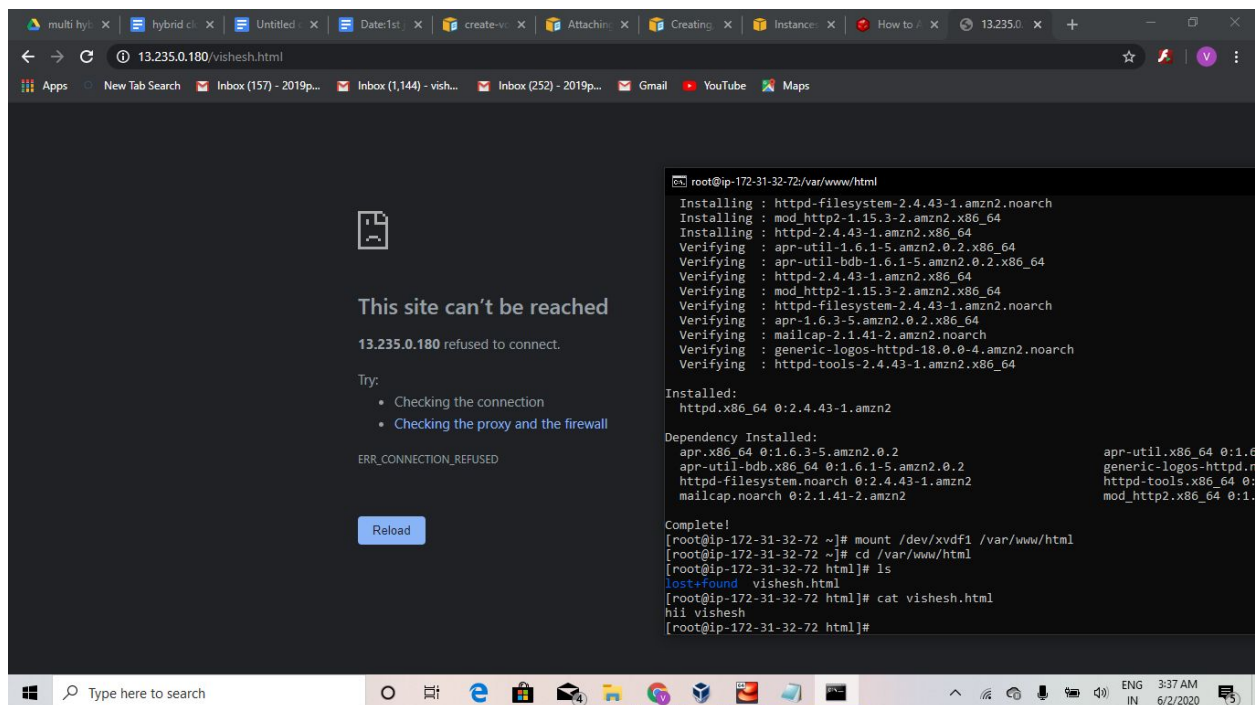
Complete!

```

[root@ip-172-31-32-72 ~]# mount /dev/xvdf1 /var/www/html
[root@ip-172-31-32-72 ~]# cd /var/www/html
[root@ip-172-31-32-72 html]# ls
lost+found  vishesh.html
[root@ip-172-31-32-72 html]# cat vishesh.html

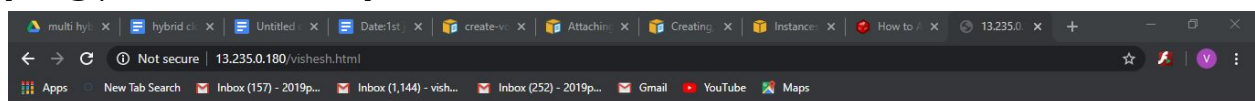
```

hii vishesh



[root@ip-172-31-32-72 html]# systemctl start httpd

[root@ip-172-31-32-72 html]# exit



hii vishesh

```
root@ip-172-31-32-72:/var/www/html
Installing : mod_http2-1.15.3-2.amzn2.x86_64 8/9
Installing : httpd-2.4.43-1.amzn2.x86_64 9/9
Verifying : apr-util-1.6.1-5.amzn2.0.2.x86_64 1/9
Verifying : apr-util-bdb-1.6.1-5.amzn2.0.2.x86_64 2/9
Verifying : httpd-2.4.43-1.amzn2.x86_64 3/9
Verifying : mod_http2-1.15.3-2.amzn2.x86_64 4/9
Verifying : httpd-filesystem-2.4.43-1.amzn2.noarch 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-2.4.43-1.amzn2.x86_64 9/9

Installed:
httpd.x86_64 0:2.4.43-1.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-filesystem.noarch 0:2.4.43-1.amzn2 httpd-tools.x86_64 0:2.4.43-1.amzn2
mailcap.noarch 0:2.1.41-2.amzn2          mod_http2.x86_64 0:1.15.3-2.amzn2

Complete!
[root@ip-172-31-32-72 ~]# mount /dev/xvdf1 /var/www/html
[root@ip-172-31-32-72 ~]# cd /var/www/html
[root@ip-172-31-32-72 html]# ls
lost+found vishesh.html
[root@ip-172-31-32-72 html]# cat vishesh.html
hii vishesh
[root@ip-172-31-32-72 html]# systemctl start httpd
[root@ip-172-31-32-72 html]#
```



logout

[ec2-user@ip-172-31-32-72 ~]\$ exit

logout

Connection to 13.235.0.180 closed.

```
C:\Users\user\Desktop\cloud>
```