

Date-7/10/23

Weekend Task

1. Create a website and take backup of it. Launch a new instance using backup in another region.

LINUXASSEMENT SERVER

The screenshot shows the AWS CloudShell interface. At the top, there's a navigation bar with tabs for CloudShell and Feedback. Below the navigation bar is a toolbar with icons for various services like S3, Lambda, and CloudWatch. The main content area displays the AWS EC2 Instances page. On the left sidebar, under the Instances section, the 'Instances' tab is selected, showing options like Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, Images, AMIs, and AMI Catalog. Under the Elastic Block Store section, 'CloudShell' is listed. The main content area shows a table of instances. One instance, 'linuxassement', is highlighted with a blue border. Its details are expanded, showing the instance ID (i-03048d8c4d972ae8f), name (linuxassement), instance state (Running), instance type (t2.micro), status check (2/2 checks passed), alarm status (No alarms), and availability zone (us-east-1a). Another instance, 'linux', is also listed with a different instance ID. At the bottom of the screenshot, a terminal window is open with the command 'ec2-user@ip-172-31-46-186:~\$'. The terminal output shows the user logging in as 'ec2-user', authenticating with a public key for 'linux', and then running the command '/startapache.sh'. The output indicates that the Apache service is already active and running. The terminal window has a dark background with white text and includes standard Linux command-line syntax highlighting.

```

ec2-user@ip-172-31-46-186:~$ ./startapache.sh
./startapache.sh: line 1: echostart httpd: command not found
Last metadata expiration check: 1:05:31 ago on Sat Oct 7 14:12:10 2023.
Dependencies resolved.
Nothing to do.
Complete!
Last metadata expiration check: 1:05:31 ago on Sat Oct 7 14:12:10 2023.
Package httpd-2.4.56-1.amzn2023.x86_64 is already installed.
Dependencies resolved.
Nothing to do.
Complete!
Redirecting to /bin/systemctl start httpd.service
Redirecting to /bin/systemctl status httpd.service
● httpd.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/httpd.service; enabled; preset: disabled)
     Active: active (running) since Sat 2023-10-07 14:16:31 UTC; 1h 1min ago
       Docs: man:httpd.service(8)
 Main PID: 3876 (httpd)
    Status: "Total requests: 23; Idle/Busy workers 100/0;Requests/sec: 0.00628; Bytes served/sec: 16 B/sec"
      Tasks: 177 (limit: 1114)
     Memory: 14.4M
        CPU: 2.271s
       CGroup: /system.slice/httpd.service
           ├─3876 /usr/sbin/httpd -DFOREGROUND
           ├─3902 /usr/sbin/httpd -DFOREGROUND
           ├─3904 /usr/sbin/httpd -DFOREGROUND
           ├─3905 /usr/sbin/httpd -DFOREGROUND
           └─3906 /usr/sbin/httpd -DFOREGROUND

Oct 07 14:16:31 ip-172-31-46-186.ec2.internal systemd[1]: Starting httpd.service - The Apache HTTP Server...
Oct 07 14:16:31 ip-172-31-46-186.ec2.internal systemd[1]: Started httpd.service - The Apache HTTP Server.
Oct 07 14:16:31 ip-172-31-46-186.ec2.internal httpd[3876]: Server configured, listening on: port 80
[ec2-user@ip-172-31-46-186 ~]$ cd /var/www/html
[ec2-user@ip-172-31-46-186 html]$ ls
index.html
[ec2-user@ip-172-31-46-186 html]$ 

```

HTML File

```

ec2-user@ip-172-31-46-186:~$ cat index.html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Cricket World Cup 2023</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            background-image: url('https://www.hindustantimes.com/ht-img/img/2023/10/05/1600x900/PTI10-04-2023-000546A-0_169647237451
3_1696485852666.jpg'); /* Add your background image URL here */
            background-size: cover;
            background-repeat: no-repeat;
            background-attachment: fixed;
            margin: 0;
            padding: 0;
        }
        font-family: Arial, sans-serif;
        background-color: #f0f0f0;
        margin: 0;
        padding: 0;
    }
    header {
        background-color: #333;
        color: #fff;
        text-align: center;
        padding: 10px 0;
    }
    h1 {
        margin: 0;
    }
    .container {
        max-width: 800px;
        margin: 20px auto;
        padding: 20px;
        background-color: #fff;
        box-shadow: 0 0 5px rgba(0, 0, 0, 0.2);
    }

```

```
ec2-user@ip-172-31-46-186:~/var/www/html
}
.schedule {
    margin-top: 20px;
}
table {
    width: 100%;
    border-collapse: collapse;
    margin-top: 10px;
}
th, td {
    border: 1px solid #ddd;
    padding: 8px;
    text-align: left;
}
th {
    background-color: #333;
    color: #fff;
}
img {
    max-width: 100%;
    height: auto;
    margin-top: 10px;
}
</style>
</head>
<body>
<header>
    <h1>Cricket World Cup 2023</h1>
    <p>The Ultimate Cricket Tournament</p>
</header>
<div class="container">
    <h2>Welcome to the Cricket World Cup 2023 Website</h2>
    <p>The ICC Cricket World Cup is one of the most exciting cricket tournaments in the world. It brings together top cricketing nations to compete for the championship.</p>
    <p>The 2023 Cricket World Cup promises to be a thrilling event with world-class teams in action.</p>
    <h2>Images</h2>

```

69,1 52% Desktop » 8:50 PM 07-Oct-23

```
ec2-user@ip-172-31-46-186:~/var/www/html
    <h1>Cricket World Cup 2023</h1>
    <p>The Ultimate Cricket Tournament</p>
</header>

<div class="container">
    <h2>Welcome to the Cricket World Cup 2023 Website</h2>
    <p>The ICC Cricket World Cup is one of the most exciting cricket tournaments in the world. It brings together top cricketing nations to compete for the championship.</p>
    <p>The 2023 Cricket World Cup promises to be a thrilling event with world-class teams in action.</p>
    <h2>Images</h2>
    
    
    <h2>Team India Match Schedule</h2>
    <div class="schedule">
        <table>
            <thead>
                <tr>
                    <th>Date</th>
                    <th>Match</th>
                    <th>Location</th>
                </tr>
            </thead>
            <tbody>
                <tr>
                    <td>OCT 8th, 2023</td>
                    <td>India vs. Australia</td>
                    <td>MA Chidambaram Stadium,Chennai</td>
                </tr>
                <tr>
                    <td>OCT 11th, 2023</td>
                    <td>India vs. Afghanistan</td>
                    <td>Arun Jaitley,Delhi</td>
                </tr>
                <tr>
                    <td>OCT 14th, 2023</td>
                    <td>India vs.Pakistan</td>
                    <td>Narendra Modi Stadium,Ahmedabad</td>
                </tr>
                <!-- Add more matches here -->
            </tbody>
        </table>
    </div>

```

95,1 91% Desktop » 8:50 PM 07-Oct-23

```

ec2-user@ip-172-31-46-186:~/var/www/html
<p>The ICC Cricket World Cup is one of the most exciting cricket tournaments in the world. It brings together top cricketing nations to compete for the championship.</p>
<p>The 2023 Cricket World Cup promises to be a thrilling event with world-class teams in action.</p>

<h2>Images</h2>



<h2>Team India Match Schedule</h2>
<div class="schedule">
  <table>
    <thead>
      <tr>
        <th>Date</th>
        <th>Match</th>
        <th>Location</th>
      </tr>
    </thead>
    <tbody>
      <tr>
        <td>OCT 8th, 2023</td>
        <td>India vs. Australia</td>
        <td>MA Chidambaram Stadium,Chennai</td>
      </tr>
      <tr>
        <td>OCT 11th, 2023</td>
        <td>India vs. Afghanistan</td>
        <td>Arun Jaitley,Delhi</td>
      </tr>
      <tr>
        <td>OCT 14th, 2023</td>
        <td>India vs.Pakistan</td>
        <td>Narendra Modi Stadium,Ahmedabad</td>
      </tr>
      <!-- Add more matches here -->
    </tbody>
  </table>
</div>
</div>
</body>
</html>

```

106,0-1 Bot

Desktop » 8:51 PM 07-Oct-23

OUTPUT N.Virginia

The screenshot shows a web browser window with the following details:

- Address Bar:** Instances | EC2 | us-east-1 (Not secure | 3.84.78.46)
- Title Bar:** Cricket World Cup 2023
- Content Area:**
 - Section Header:** Cricket World Cup 2023
 - Subtext:** The Ultimate Cricket Tournament
 - Text:** Welcome to the Cricket World Cup 2023 Website
The ICC Cricket World Cup is one of the most exciting cricket tournaments in the world. It brings together top cricketing nations to compete for the championship.
The 2023 Cricket World Cup promises to be a thrilling event with world-class teams in action.
 - Section Header:** Images
 - Image:** A large photograph of the 2023 Cricket World Cup trophy surrounded by players from various national teams, including South Africa, Pakistan, Sri Lanka, Bangladesh, Australia, New Zealand, England, India, and the host nation, the United Kingdom.

Desktop » 9:55 PM 07-Oct-23

Backup of Server

Creating AMI

The screenshot shows the AWS EC2 Instances page. A success message at the top says "Successfully stopped i-0d879f0f33b338b37". The main table lists two instances:

Name	Instance ID	Instance state	Instance type	Status checks
linux	i-0d879f0f33b338b37	Stopped	t2.micro	-
linuxassement	i-03048d8c4d972ae8f	Running	t2.micro	2/2 che

Below the table, details for the selected instance (i-03048d8c4d972ae8f) are shown:

Details	Security	Networking	Storage	Status checks
Create image Create template from instance Launch more like this				

Under the "Instance summary" section, instance details are listed:

Instance ID	Public IPv4 address	Private IPv4 addresses
i-03048d8c4d972ae8f (linuxassement)	3.84.78.46 open address	172.31.46.186
IPv6 address	Instance state	Public IPv4 DNS
-	Running	ec2-3-84-78-46.compute-1.amazonaws.com open address
Hostname type	Private IP DNS name (IPv4 only)	

The screenshot shows the "Create image" page for the instance i-03048d8c4d972ae8f. The page title is "Create image" and it includes a brief description of what an AMI is.

Form fields include:

- Instance ID: i-03048d8c4d972ae8f (linuxassement)
- Image name: linuxassement
- Image description - optional: (empty)
- No reboot: Enable
- Instance volumes table:

Storage type	Device	Snapshot	Size	Volume type	IOPS	Throughput	Delete on termination	Encrypted

At the bottom, there are "Feedback" links and system status icons.

Instances | EC2 | us-east-1

Currently creating AMI ami-0ac61d485a81a68a4 from instance i-03048d8c4d972ae8f. Check that the AMI status is 'Available' before deleting the instance or carrying out other actions related to this AMI.

EC2 Dashboard

EC2 Global View

Events

Instances

Images

AMIs

AMI Catalog

Elastic Block Store

Volumes

Snapshots

Lifecycle Manager

Network & Security

Security Groups

Elastic IPs

Placement Groups

Feedback

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AMI Created

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
linuxassement	i-03048d8c4d972ae8f	Running	t2.micro	2/2 checks passed	No alarms	us-east-1a
linux	i-0d879f0f33b338b37	Stopped	t2.micro	-	No alarms	us-east-1a

Images | EC2 | us-east-1

Amazon Machine Images (AMIs) (1/1)

Owned by me

Find AMI by attribute or tag

Name

AMI ID

AMI name

Source

Owner

AMI ID: ami-0ac61d485a81a68a4 (linuxassement)

Details

Permissions

Storage

Tags

AMI ID: ami-0ac61d485a81a68a4 (linuxassement)

Image type: machine

Platform details: Linux/UNIX

Root device type: EBS

AMI name: linuxassement

Owner account ID: 331102913523

Architecture: x86_64

Usage operation: RunInstances

Root device name: /dev/xvda

Status: Pending

Source: 331102913523/linuxassement

Virtualization type: hvm

Feedback

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COPY AMI N.virginia to Mumbai region

The screenshot shows the AWS EC2 console with the 'Amazon Machine Images (AMIs)' page. A specific AMI named 'linuxassement' is selected. The 'Actions' dropdown menu is open, and 'Launch instance from AMI' is highlighted. The 'Source' table lists the copied AMI.

Source	Owner
331102913523/linuxassement	331102913523

The screenshot shows the 'Copy AMI' configuration page. The original AMI ID is 'ami-0ac61d485a81a68a4'. The copy name is 'linuxassement'. The destination region is set to 'N. Virginia (US East)'. There are checkboxes for 'Copy tags' and 'Encrypt EBS snapshots of AMI copy'.

(2) WhatsApp

Copy Image | EC2 | us-east-1

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#CopyImage:imageId=ami-0ac61d485a81a68a4

Services Search [Alt+S]

Create a copy of an Amazon Machine Image in a Region.

Copy Amazon Machine Image (AMI)

Original AMI ID
 ami-0ac61d485a81a68a4 (linuxassement)

AMI copy name
 linuxassement

AMI copy description
 [Copied ami-0ac61d485a81a68a4 (linuxassement) from us-east-1] linuxassement

Destination Region
 A copy of the original AMI will be created in the destination Region.
 Asia Pacific (Mumbai)

Copy tags
 Includes your user-defined AMI tags when copying the AMI.

Encrypt EBS snapshots of AMI copy
 Encrypts all snapshots in the AMI copy with the same key.

Cancel Copy AMI

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Desktop 9:35 PM 07-Oct-23

Launch Instance in Mumbai region

Launch Backupassement instance in Mumbai region by AMI

(2) WhatsApp Instances | EC2 | ap-south-1 Cricket World Cup 2023 Cricket World Cup 2023

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Instances?v=3:\$case=tags:true%5C,client:false:\$regex=tags:false%5C,client:false

aws Services Search [Alt+S]

New EC2 Experience Tell us what you think

EC2 Dashboard EC2 Global View Events

Instances Instances Instance Types Launch Templates Spot Requests Savings Plans Reserved Instances Dedicated Hosts Capacity Reservations

Images AMIs AMI Catalog

Elastic Block Store Waiting for us-east-1.ctrl.prod.os.notifications.aws.dev...

Instances (1/1) Info

Find instance by attribute or tag (case-sensitive)

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
backupassement	i-0845eec8bd10e770b	Running	t2.micro	2/2 checks passed	No alarms	ap-south-1b

Launch instances

Instance: i-0845eec8bd10e770b (backupassement)

Details Security Networking Storage Status checks Monitoring Tags

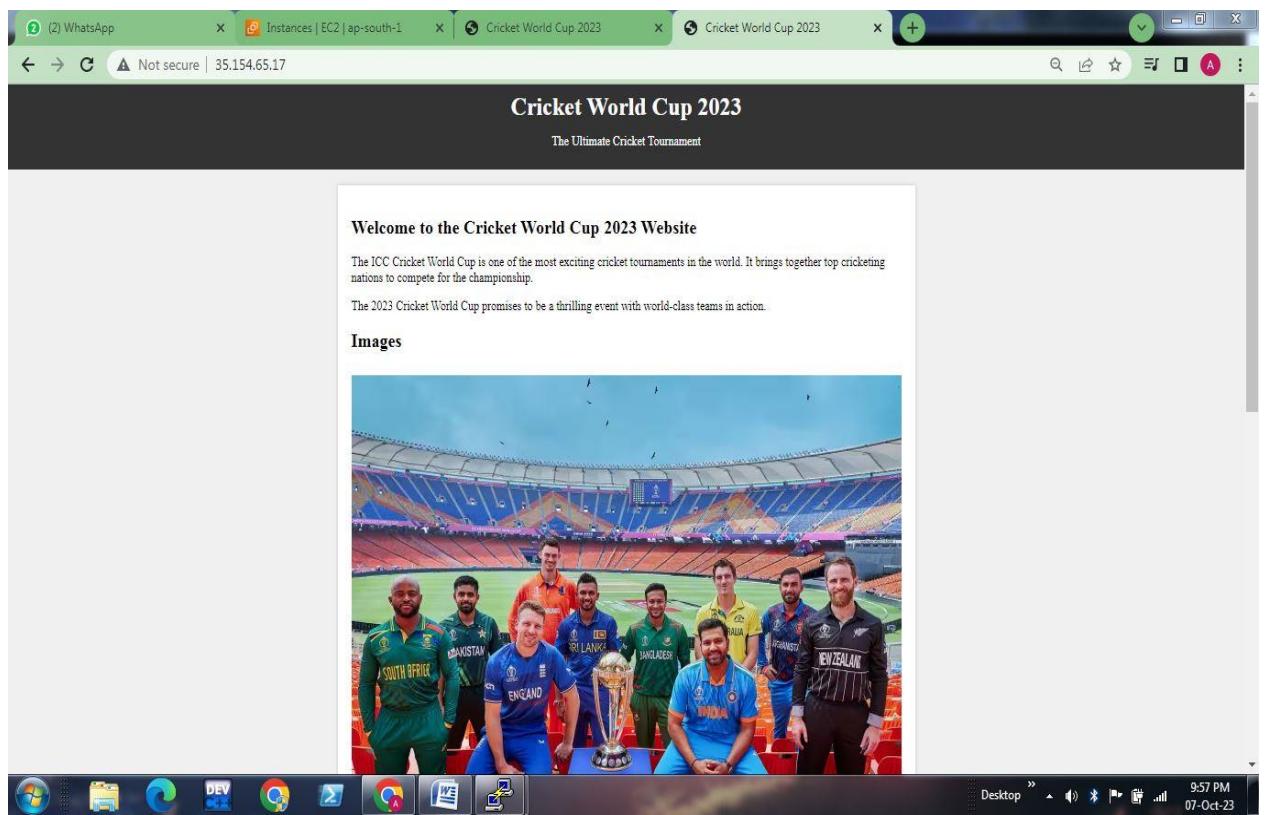
Instance summary Info

Instance ID i-0845eec8bd10e770b (backupassement)	Public IPv4 address 35.154.65.17 [open address]	Private IPv4 addresses 172.31.6.111
IPv6 address -	Instance state Running	Public IPv4 DNS ec2-35-154-65-17.ap-south-1.compute.amazonaws.com [open address]

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Desktop 9:56 PM 07-Oct-23

Same Output of Mumai Server as N.virginia



2. Launch one server and create one website. Add 8GB additional volume and mount volume.

Launch New Server

Instances (1/3) Info

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
linuxassement	i-03048d8c4d972ae8f	Stopped	t2.micro	-	No alarms	+ us-east-1a
linux	i-0d879f0f3b338b37	Stopped	t2.micro	-	No alarms	+ us-east-1a
<input checked="" type="checkbox"/> Mount	i-09208ac31df425b8f	Running	t2.micro	① Initializing	No alarms	+ us-east-1a

Instance: i-09208ac31df425b8f (Mount)

Details Security Networking Storage Status checks Monitoring Tags

Instance summary

Instance ID	54.198.32.17	Public IPv4 address
IPv6 address	-	Instance state
Hostname type	ip-172-31-41-61.ec2.internal	Private IP DNS name (IPv4 only)
IP name:	ip-172-31-41-61.ec2.internal	Private IP4 addresses
		172.31.41.61
		Public IPv4 DNS
		ec2-54-198-32-17.compute-1.amazonaws.com

```
[ec2-user@ip-172-31-41-61:~]$ ls
[ec2-user@ip-172-31-41-61:~]$ cd /var/www/html
[ec2-user@ip-172-31-41-61 html]$ ls
index.html
[ec2-user@ip-172-31-41-61 html]$ sudo vi index.html
```

HTML File

```
<!DOCTYPE html>
<html>
<head>
    <title>Car Showroom</title>
    <style>
        /* Basic CSS for styling */
        body {
            font-family: Arial, sans-serif;
            background-color: #f0f0f0;
            margin: 0;
            padding: 0;
        }
        header {
            background-color: #333;
            color: #fff;
            text-align: center;
            padding: 10px;
        }
        .car-list {
            display: flex;
            flex-wrap: wrap;
            justify-content: center;
        }
        .car {
            width: 300px;
            margin: 20px;
            padding: 10px;
            background-color: #fff;
            border: 1px solid #ddd;
            border-radius: 5px;
            box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);
        }
        .buy-button {
            display: block;
            text-align: center;
            background-color: #007bff;
            color: #fff;
            text-decoration: none;
            padding: 10px 20px;
        }
    </style>
</head>
<body>
```

```
ec2-user@ip-172-31-41-61:~/var/www/html
    text-decoration: none;
    padding: 10px 20px;
    border-radius: 5px;
    margin-top: 10px;
}
.buy-button:hover {
    background-color: #0056b3;
}

```

</style>

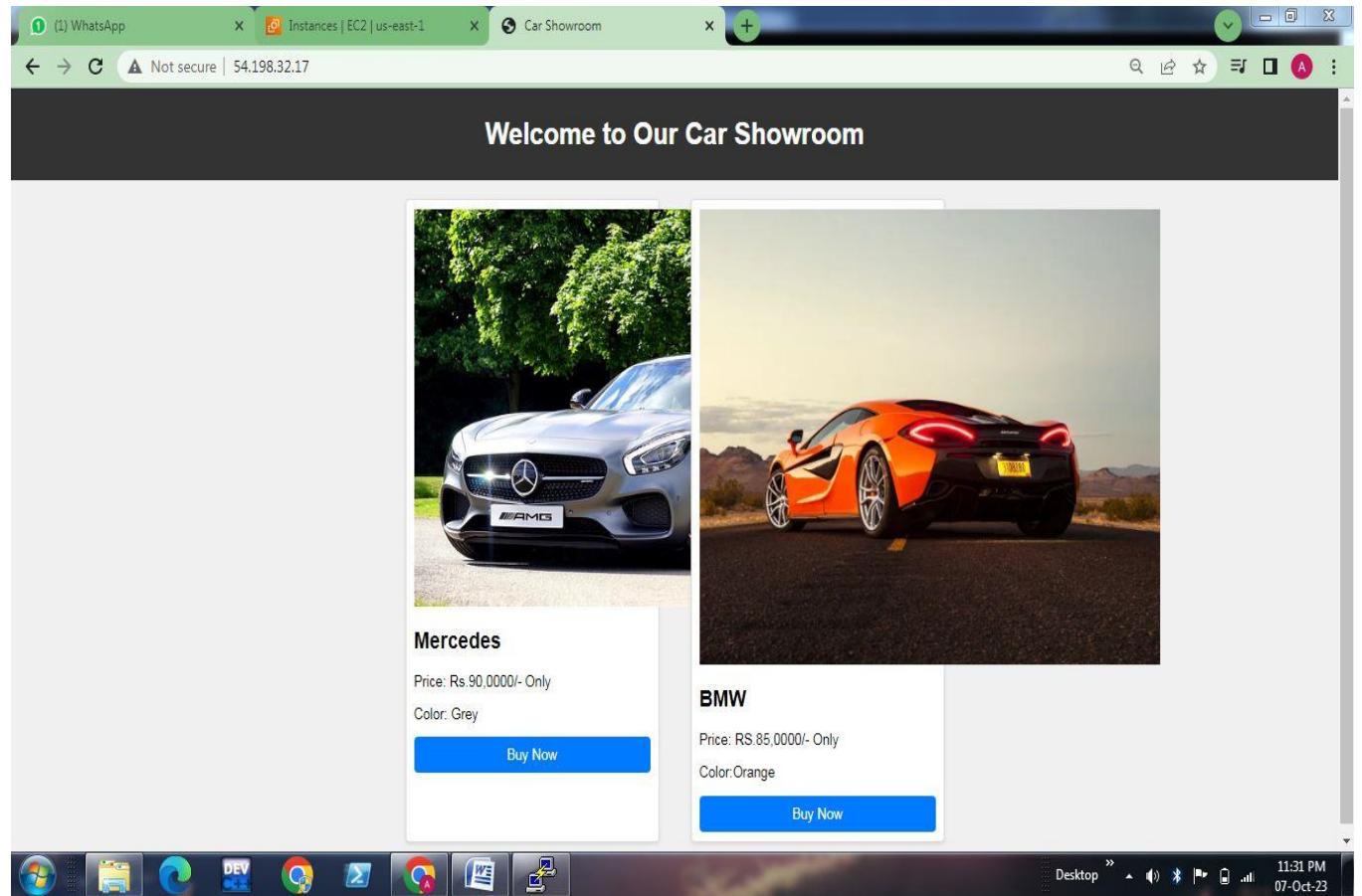
```
</head>
<body>
    <header>
        <h1>Welcome to Our Car Showroom</h1>
    </header>

    <div class="car-list">
        <div class="car">
            
            <h2>Mercedes</h2>
            <p>Price: Rs. 90,0000/- Only</p>
            <p>Color: Grey</p>
            <a href="#" class="buy-button">Buy Now</a>
        </div>
        <div class="car">
            
            <h2>BMW</h2>
            <p>Price: RS.85,0000/- only</p>
            <p>Color:Orange</p>
            <a href="#" class="buy-button">Buy Now</a>
        </div>
        <!-- Add more cars as needed --&gt;
    &lt;/div&gt;
&lt;/body&gt;
&lt;/html&gt;
</pre>
```

```
73,0-1 Bot
[ec2-user@ip-172-31-41-61 ~] startapache.sh
[ec2-user@ip-172-31-41-61 ~]$ cd /var/www/html
[ec2-user@ip-172-31-41-61 html]$ ls
index.html
[ec2-user@ip-172-31-41-61 html]$ sudo vi index.html
[ec2-user@ip-172-31-41-61 html]$ cd
[ec2-user@ip-172-31-41-61 ~]$ ./startapache.sh
./startapache.sh: line 1: echostart httpd: command not found
Last metadata expiration check: 0:45:40 ago on Sat Oct 7 17:13:49 2023.
Dependencies resolved.
Nothing to do.
Complete!
Last metadata expiration check: 0:45:41 ago on Sat Oct 7 17:13:49 2023.
Package httpd-2.4.56-1.amzn2023.x86_64 is already installed.
Dependencies resolved.
Nothing to do.
Complete!
Redirecting to /bin/systemctl start httpd.service
Redirecting to /bin/systemctl status httpd.service
● httpd.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/httpd.service; enabled; preset: disabled)
   Active: active (running) since Sat 2023-10-07 17:23:22 UTC; 36min ago
     Docs: man:httpd.service(8)
 Main PID: 4217 (httpd)
    Status: "Total requests: 10; Idle/Busy workers 100/0;Requests/sec: 0.00463; Bytes served/sec: 8 B/sec"
      Tasks: 177 (limit: 1114)
     Memory: 13.7M
        CPU: 1.362s
       CGroup: /system.slice/httpd.service
               ├─4217 /usr/sbin/httpd -DFOREGROUND
               ├─4246 /usr/sbin/httpd -DFOREGROUND
               ├─4248 /usr/sbin/httpd -DFOREGROUND
               ├─4249 /usr/sbin/httpd -DFOREGROUND
               └─4250 /usr/sbin/httpd -DFOREGROUND

Oct 07 17:23:22 ip-172-31-41-61.ec2.internal systemd[1]: Starting httpd.service - The Apache HTTP Server...
Oct 07 17:23:22 ip-172-31-41-61.ec2.internal systemd[1]: Started httpd.service - The Apache HTTP Server.
Oct 07 17:23:22 ip-172-31-41-61.ec2.internal httpd[4217]: Server configured, listening on: port 80
[ec2-user@ip-172-31-41-61 ~]$
```

OUTPUT OF SERVER



Creating New 8 GB volume

The screenshot shows the AWS Management Console with the "Services" navigation bar selected. The left sidebar shows various service links like EC2 Global View, Instances, Images, and Elastic Block Store. The main content area is titled "Volumes (3) Info" and displays a table of existing volumes. The table columns include Name, Volume ID, Type, Size, IOPS, Throughput, Snapshot, and Create Time. Three volumes are listed, all of which are gp3 type, 8 GiB in size, with 3000 IOPS and 125 throughput. They were created on October 7, 2023, from snapshots snap-04c549f..., snap-0b4897b..., and snap-0b4897b.... A message at the bottom says "Select a volume above". The browser's address bar shows the URL as "us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Volumes:". The taskbar at the bottom includes icons for CloudShell, Feedback, Task View, Task Manager, and several pinned applications. The system tray shows the date as "07-Oct-23" and the time as "11:34 PM".

Screenshot of the AWS CloudShell interface showing the creation of a new volume.

The "Volume settings" configuration page is displayed:

- Volume type:** General Purpose SSD (gp2)
- Size (GiB):** 8
- IOPS:** 100 / 3000
- Throughput (MiB/s):** Not applicable
- Availability Zone:** us-east-1a
- Snapshot ID - optional:** Don't create volume from a snapshot

The status bar at the bottom shows the URL: <https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#CreateVolume>.

Screenshot of the AWS CloudShell interface showing the successful creation of a new volume.

The "Volumes" list page displays the newly created volume:

Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot	Created
-	vol-03b9f849c84334bd2	gp3	8 GiB	3000	125	snap-04c549f...	2023/09
-	vol-033f8a40f8e4a8ea0	gp3	8 GiB	3000	125	snap-0b4897b...	2023/10
-	vol-05cd443f33ea43540	gp3	8 GiB	3000	125	snap-0b4897b...	2023/10
-	vol-0d95dbda519f74b47	gp2	8 GiB	100	-	-	2023/10

The status bar at the bottom shows the URL: <https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Volumes>.

The screenshot shows the AWS EC2 Volumes page. On the left, there's a navigation sidebar with links like EC2 Dashboard, Instances, Images, and Elastic Block Store. The main area displays a table of volumes with columns: Name, Volume ID, Type, Size, IOPS, Throughput, Snapshot, and Create. One volume, 'vol-0d95dbda519f74b47', is selected and highlighted with a blue border. At the bottom of the table, there's a detailed view for the selected volume.

Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot	Create
-	vol-03b9f849c84334bd2	gp3	8 GiB	3000	125	snap-04c549f...	2023/
-	vol-033f8a40f8e4a8ea0	gp3	8 GiB	3000	125	snap-0b4897b...	2023/
-	vol-05cd443f33ea43540	gp3	8 GiB	3000	125	snap-0b4897b...	2023/
-	vol-0d95dbda519f74b47	gp2	8 GiB	100	-	-	2023/

Volume ID: vol-0d95dbda519f74b47

Details **Status checks** **Monitoring** **Tags**

Volume ID vol-0d95dbda519f74b47	Size 8 GiB	Type gp2	Volume status Okay
AWS Compute Optimizer finding Opt-in to AWS Compute Optimizer for recommendations. Learn more	Volume state Available	IOPS 100	Throughput
Encryption	KMS key ID	KMS key alias	KMS key ARN

Attach vol.

The screenshot shows the same AWS EC2 Volumes page as the previous one, but the Actions menu is now open on the right side. The 'Attach volume' option is highlighted with a blue background. The rest of the interface is identical to the first screenshot, showing the list of volumes and the detailed view for the selected volume.

Actions ▲

- Modify volume
- Create snapshot
- Create snapshot lifecycle policy
- Delete volume
- Attach volume**
- Detach volume
- Force detach volume
- Manage auto-enabled I/O
- Manage tags
- Fault injection

(1) WhatsApp Attach volume | EC2 | us-east-1 Car Showroom

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#AttachVolume:volumeId=vol-0d95dbda519f74b47

aws Services Search [Alt+S]

EC2 > Volumes > vol-0d95dbda519f74b47 > Attach volume

Attach volume Info

Attach a volume to an instance to use it as you would a regular physical hard disk drive.

Basic details

Volume ID
vol-0d95dbda519f74b47

Availability Zone
us-east-1a

Instance Info
i-09208ac31df425b8f Only instances in the same Availability Zone as the selected volume are displayed.

Device name Info
/dev/sdf
Recommended device names for Linux: /dev/sda1 for root volume. /dev/sd[1-p] for data volumes.

ⓘ Newer Linux kernels may rename your devices to /dev/xvdf through /dev/xvdp internally, even when the device name entered here (and shown in the details) is /dev/sdf through /dev/sdp.

Cancel

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(1) WhatsApp Volumes | EC2 | us-east-1 Car Showroom

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Volumes:

aws Services Search [Alt+S]

New EC2 Experience Tell us what you think

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EC2 Global View

Events

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

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Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Select a volume above

Success! Successfully attached volume vol-0d95dbda519f74b47 to instance i-09208ac31df425b8f.

Volumes (4) Info

Actions

<input type="checkbox"/>	Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot	Created
<input type="checkbox"/>	-	vol-03b9f849c84334bd2	gp3	8 GiB	3000	125	snap-04c549f...	2023/09
<input type="checkbox"/>	-	vol-033f8a40f8e4a8ea0	gp3	8 GiB	3000	125	snap-0b4897b...	2023/10
<input type="checkbox"/>	-	vol-05cd443f33ea43540	gp3	8 GiB	3000	125	snap-0b4897b...	2023/10
<input type="checkbox"/>	-	vol-0d95dbda519f74b47	gp2	8 GiB	100	-	-	2023/10

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CHECK VOL. Attach

Instances (1/1) Info

Find Instance by attribute or tag (case-sensitive)

Instance state = running

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
Mount	i-09208ac31df425b8f	Running	t2.micro	2/2 checks passed	No alarms	us-east-1a

Instance: i-09208ac31df425b8f (Mount)

Volume ID	Device name	Volume size (GiB)	Attachment status	Attachment time	Encrypted	K
vol-05cd443f33ea43540	/dev/xvda	8	Attached	2023/10/07 22:43 GMT+5:30	No	-
vol-0d95dbda519f74b47	/dev/sdf	8	Attached	2023/10/07 23:41 GMT+5:30	No	-

Recent root volume replacement tasks

Filter tasks

Replace root volume

```
[ec2-user@ip-172-31-41-61:~]$ lsblk
NAME   MAJ:MIN RM  SIZE RO TYPE MOUNTPOINTS
xvda    202:0    0   8G  0 disk
└─xvda1  202:1    0   8G  0 part /
└─xvda127 259:0    0   1M  0 part
└─xvda128 259:1    0 10M  0 part /boot/efi
xvdf    202:80   0   8G  0 disk
[ec2-user@ip-172-31-41-61 ~]$
```

MOUNT VOLUME

```
[ec2-user@ip-172-31-41-61 ~]$ lsblk
NAME      MAJ:MIN RM SIZE RO TYPE MOUNTPOINTS
xvda     202:0    0   8G  0 disk
└─xvda1   202:1    0   8G  0 part /
└─xvda127 259:0    0   1M  0 part
└─xvda128 259:1    0  10M  0 part /boot/efi
xvdf     202:80   0   8G  0 disk
[ec2-user@ip-172-31-41-61 ~]$ sudo file -s /dev/xvdf
/dev/xvdf: data
[ec2-user@ip-172-31-41-61 ~]$ sudo mkfs -t xfs /dev/xvdf
meta-data=/dev/xvdf          isize=512    agcount=4, agsize=524288 blks
                           =           sectsz=512  attr=2, projid32bit=1
                           =           crc=1    finobt=1, sparse=1, rmapbt=0
data                =           reflink=1 bigtime=1 inobtcount=1
                     =           bsize=4096 blocks=2097152, imaxpct=25
                     =           sunit=0   swidth=0 blks
naming               =version 2   bsize=4096 ascii-ci=0, ftype=1
log                  =internal log  bsize=4096 blocks=16384, version=2
                     =           sectsz=512 sunit=0 blks, lazy-count=1
realtime             =none        extsz=4096 blocks=0, rtextents=0
[ec2-user@ip-172-31-41-61 ~]$ ls
startapache.sh
[ec2-user@ip-172-31-41-61 ~]$ Mountdir
-bash: Mountdir: command not found
[ec2-user@ip-172-31-41-61 ~]$ mkdir Mountdir
[ec2-user@ip-172-31-41-61 ~]$ sudo mount /dev/xvdf /home/ec2-user/Mountdir
[ec2-user@ip-172-31-41-61 ~]$ lsblk
NAME      MAJ:MIN RM SIZE RO TYPE MOUNTPOINTS
xvda     202:0    0   8G  0 disk
└─xvda1   202:1    0   8G  0 part /
└─xvda127 259:0    0   1M  0 part
└─xvda128 259:1    0  10M  0 part /boot/efi
xvdf     202:80   0   8G  0 disk /home/ec2-user/Mountdir
[ec2-user@ip-172-31-41-61 ~]$ Desktop  »  11:52 PM
[ec2-user@ip-172-31-41-61 ~]$ 07-Oct-23
```

```
[ec2-user@ip-172-31-41-61 ~]$ lsblk
NAME      MAJ:MIN RM SIZE RO TYPE MOUNTPOINTS
xvda     202:0    0   8G  0 disk
└─xvda1   202:1    0   8G  0 part /
└─xvda127 259:0    0   1M  0 part
└─xvda128 259:1    0  10M  0 part /boot/efi
xvdf     202:80   0   8G  0 disk
[ec2-user@ip-172-31-41-61 ~]$ sudo file -s /dev/xvdf
/dev/xvdf: data
[ec2-user@ip-172-31-41-61 ~]$ sudo mkfs -t xfs /dev/xvdf
meta-data=/dev/xvdf          isize=512    agcount=4, agsize=524288 blks
                           =           sectsz=512  attr=2, projid32bit=1
                           =           crc=1    finobt=1, sparse=1, rmapbt=0
data                =           reflink=1 bigtime=1 inobtcount=1
                     =           bsize=4096 blocks=2097152, imaxpct=25
                     =           sunit=0   swidth=0 blks
naming               =version 2   bsize=4096 ascii-ci=0, ftype=1
log                  =internal log  bsize=4096 blocks=16384, version=2
                     =           sectsz=512 sunit=0 blks, lazy-count=1
realtime             =none        extsz=4096 blocks=0, rtextents=0
[ec2-user@ip-172-31-41-61 ~]$ ls
startapache.sh
[ec2-user@ip-172-31-41-61 ~]$ Mountdir
-bash: Mountdir: command not found
[ec2-user@ip-172-31-41-61 ~]$ mkdir Mountdir
[ec2-user@ip-172-31-41-61 ~]$ sudo mount /dev/xvdf /home/ec2-user/Mountdir
[ec2-user@ip-172-31-41-61 ~]$ lsblk
NAME      MAJ:MIN RM SIZE RO TYPE MOUNTPOINTS
xvda     202:0    0   8G  0 disk
└─xvda1   202:1    0   8G  0 part /
└─xvda127 259:0    0   1M  0 part
└─xvda128 259:1    0  10M  0 part /boot/efi
xvdf     202:80   0   8G  0 disk /home/ec2-user/Mountdir
[ec2-user@ip-172-31-41-61 ~]$ Desktop  »  11:53 PM
[ec2-user@ip-172-31-41-61 ~]$ 07-Oct-23
```

Send the task in word file to below mail ID.

To - amritanam84@gmail.com

Cc- amrita.namdeo@fortunecloudindia.com