```
    ,       #_
   ~\_   ####_           Amazon Linux 2023
  ~~  \_#####\
  ~~     \###|
  ~~       \#/  ___       https://aws.amazon.com/linux/amazon-linux-2023
   ~~       V~' '->
    ~~~         /
     ~~._.   _/
        _/ _/
       _/m/'
[ec2-user@ip-172-31-43-61 ~]$ sudo su
[root@ip-172-31-43-61 ec2-user]# yum install httpd
Waiting for process with pid 1654 to finish.
Amazon Linux 2023 Kernel Livepatch repository
Dependencies resolved.
=====================================================================
 Package                              Architecture
=====================================================================
Installing:
 httpd                                x86_64
Installing dependencies:
 apr                                  x86_64
 apr-util                             x86_64
 generic-logos-httpd                  noarch
 httpd-core                           x86_64
 httpd-filesystem                     noarch
 httpd-tools                          x86_64
```

```
Complete!
[root@ip-172-31-43-61 ec2-user]# systemctl start httpd
[root@ip-172-31-43-61 ec2-user]# systemctl status httpd
● httpd.service - The Apache HTTP Server
     Loaded: loaded (/usr/lib/systemd/system/httpd.service; disabled; preset: disabled)
     Active: active (running) since Mon 2025-09-29 16:41:15 UTC; 4s ago
       Docs: man:httpd.service(8)
   Main PID: 25626 (httpd)
     Status: "Started, listening on: port 80"
      Tasks: 177 (limit: 1057)
     Memory: 13.3M
        CPU: 64ms
     CGroup: /system.slice/httpd.service
             ├─25626 /usr/sbin/httpd -DFOREGROUND
             ├─25627 /usr/sbin/httpd -DFOREGROUND
             ├─25628 /usr/sbin/httpd -DFOREGROUND
             ├─25629 /usr/sbin/httpd -DFOREGROUND
             └─25631 /usr/sbin/httpd -DFOREGROUND

Sep 29 16:41:15 ip-172-31-43-61.ap-south-1.compute.internal systemd[1]: Starting httpd.service - The Apache HTTP Server..
Sep 29 16:41:15 ip-172-31-43-61.ap-south-1.compute.internal systemd[1]: Started httpd.service - The Apache HTTP Server.
Sep 29 16:41:15 ip-172-31-43-61.ap-south-1.compute.internal httpd[25626]: Server configured, listening on: port 80
```
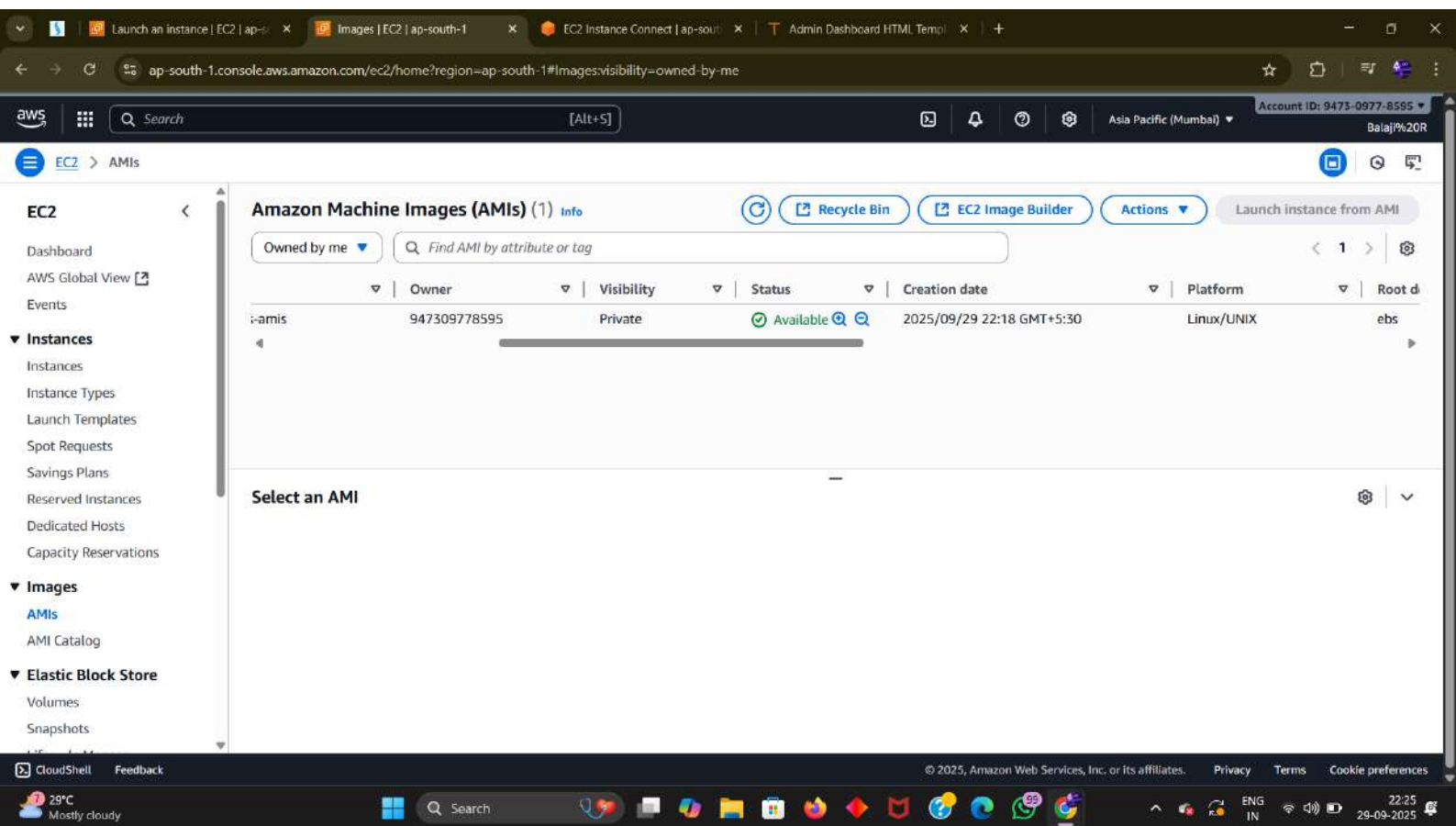
```
[root@ip-172-31-43-61 ec2-user]# wget -S --content-disposition https://www.tooplate.com/download/2108_dashboard
--2025-09-29 16:43:38--  https://www.tooplate.com/download/2108_dashboard
Resolving www.tooplate.com (www.tooplate.com)... 72.52.176.250
Connecting to www.tooplate.com (www.tooplate.com)|72.52.176.250|:443... connected.
HTTP request sent, awaiting response...
  HTTP/1.1 302 Moved Temporarily
  Date: Mon, 29 Sep 2025 16:43:40 GMT
  Server: Apache/2.4.62 (CentOS)
  X-Powered-By: PHP/5.4.16
  Upgrade: h2
  Connection: keep-alive, close
  Location: https://www.tooplate.com/zip-templates/2108_dashboard.zip
  Cache-Control: max-age=86400
  Expires: Tue, 30 Sep 2025 16:43:40 GMT
  Content-Length: 0
  Content-Type: text/html; charset=UTF-8
Location: https://www.tooplate.com/zip-templates/2108_dashboard.zip [following]
--2025-09-29 16:43:40--  https://www.tooplate.com/zip-templates/2108_dashboard.zip
Connecting to www.tooplate.com (www.tooplate.com)|72.52.176.250|:443... connected.
HTTP request sent, awaiting response...
  HTTP/1.1 200 OK
  Date: Mon, 29 Sep 2025 16:43:41 GMT
  Server: Apache/2.4.62 (CentOS)
  Upgrade: h2
```

```
unzip       unzipsfx
[root@ip-172-31-43-61 ec2-user]# ls
2108_dashboard.zip
[root@ip-172-31-43-61 ec2-user]# unzip 2108_dashboard.zip
Archive:  2108_dashboard.zip
   creating: 2108_dashboard/
  inflating: 2108_dashboard/accounts.html
  inflating: 2108_dashboard/add-product.html
   creating: 2108_dashboard/css/
  inflating: 2108_dashboard/css/bootstrap.min.css
  inflating: 2108_dashboard/css/fontawesome.min.css
  inflating: 2108_dashboard/css/fullcalendar.min.css
  inflating: 2108_dashboard/css/tooplate.css
  inflating: 2108_dashboard/edit-product.html
   creating: 2108_dashboard/img/
  inflating: 2108_dashboard/img/dash-bg-01.jpg
  inflating: 2108_dashboard/img/dash-bg-02.jpg
  inflating: 2108_dashboard/img/dash-bg-03.jpg
  inflating: 2108_dashboard/img/product-image.jpg
  inflating: 2108_dashboard/img/profile-image.png
  inflating: 2108_dashboard/index.html
   creating: 2108_dashboard/jquery-ui-datepicker/
  inflating: 2108_dashboard/jquery-ui-datepicker/AUTHORS.txt
   creating: 2108_dashboard/jquery-ui-datepicker/external/
   creating: 2108_dashboard/jquery-ui-datepicker/external/jquery/
  inflating: 2108_dashboard/jquery-ui-datepicker/external/jquery/jquery.js
   creating: 2108_dashboard/jquery-ui-datepicker/images/
  inflating: 2108_dashboard/jquery-ui-datepicker/images/ui-bg glass 75 d0e5f5 1x400.png
```

```
[root@ip-172-31-43-61 ec2-user]# ls
2108_dashboard  2108_dashboard.zip
[root@ip-172-31-43-61 ec2-user]# cd 2108_dashboard/
[root@ip-172-31-43-61 2108_dashboard]# mv * /var/www/html/
[root@ip-172-31-43-61 2108_dashboard]# ls
[root@ip-172-31-43-61 2108_dashboard]# cd /var/www/html/
[root@ip-172-31-43-61 html]# pwd
/var/www/html
[root@ip-172-31-43-61 html]#
```

Amazon Machine Images (AMIs) (1) Info

Recycle Bin | EC2 Image Builder | Actions ▼ | Launch instance from AMI

Owned by me ▼ | Find AMI by attribute or tag

< 1 >

	Owner	Visibility	Status	Creation date	Platform	Root d
i-amis	947309778595	Private	⊘ Available ⊕ ⊖	2025/09/29 22:18 GMT+5:30	Linux/UNIX	ebs

Select an AMI

EC2

- Dashboard
- AWS 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
- Volumes
- Snapshots

CloudShell   Feedback

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Launch an instance | EC2 | ap-s... ✕ | Launch an instance | EC2 | ap-s... ✕ | Instance details | EC2 | ap-south... ✕ | EC2 Instance Connect | ap-sout... ✕ | Admin Dashboard HTML Templ... ✕ | +

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#InstanceDetails:instanceId=i-003ae98db7890bb31

Q Search   [Alt+S]

Asia Pacific (Mumbai) ▼

Balaji%20R

EC2 > Instances > i-003ae98db7890bb31

EC2

Dashboard
AWS 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**
  Volumes
  Snapshots

Instance summary for i-003ae98db7890bb31 (linux-amisbackup) Info
Updated less than a minute ago

Connect | Instance state ▼ | Actions ▼

Instance ID
  i-003ae98db7890bb31

Public IPv4 address
  13.126.62.41 | open address ↗

Private IPv4 addresses
  172.31.39.241

IPv6 address
  –

Instance state
  ⊘ Running

Public DNS

  ec2-13-126-62-41.ap-south-1.compute.amazonaws.com |
  open address ↗

Hostname type
IP name: ip-172-31-39-241.ap-south-1.compute.internal

Private IP DNS name (IPv4 only)
  ip-172-31-39-241.ap-south-1.compute.internal

Answer private resource DNS name
IPv4 (A)

Instance type
t3.micro

Elastic IP addresses
–

Auto-assigned IP address
  13.126.62.41 [Public IP]

VPC ID
  vpc-0821acc2fa6e60a98 ↗

AWS Compute Optimizer finding
  ⓘ Opt-in to AWS Compute Optimizer for recommendations.
  | Learn more ↗

IAM Role
–

Subnet ID
  subnet-02fac26212c156b93 ↗

Auto Scaling Group name
–

IMDSv2
Required

Instance ARN
  arn:aws:ec2:ap-south-1:947309778595:instance/i-003

Managed
false

CloudShell   Feedback

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29°C
Mostly cloudy

Q Search

ENG
IN

22:26
29-09-2025

ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=ap

aws   Q Search   [Alt+S]

```
  ,        #_
  ~\_   ####_            Amazon Linux 2023
~~   \_#####\
~~      \###|
~~       \#/ ___         https://aws.amazon.com/linux/amazon-linux-2023
 ~~       V~' '->
  ~~~         /
    ~~._.   _/
      _/ _/
     _/m/'
Last login: Mon Sep 29 16:40:22 2025
[root@ip-172-31-39-241 ~]# systemctl restart httpd
[root@ip-172-31-39-241 ~]# 
```

i-003ae98db7890bb31 (linux-amisbackup)

PublicIPs: 13.126.62.41   PrivateIPs: 172.31.39.241

⏱ DASHBOARD

Dashboard   Reports ▾   Products   Accounts   Settings ▾   👤 Logout

Latest Hits

Performance
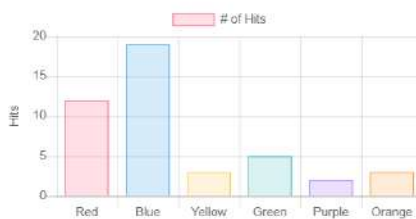
Used: 4,600 GB
Available: 5,400 GB
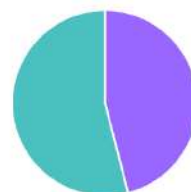
Top Product List   View All

Calendar

Upcoming Tasks

```
     ,        #_
   ~\_   ####_        Amazon Linux 2023
  ~~  \_#####\
  ~~     \###|
  ~~       \#/ ___     https://aws.amazon.com/linux/amazon-linux-2023
   ~~       V~' '->
    ~~~        /
      ~~._.   _/
        _/ _/
       _/m/'
Last login: Mon Sep 29 17:22:26 2025 from 13.233.177.5
[ec2-user@ip-172-31-42-1 ~]$ lsblk
NAME          MAJ:MIN RM  SIZE RO TYPE MOUNTPOINTS
nvme0n1        259:0    0   8G  0 disk
├─nvme0n1p1    259:1    0   8G  0 part /
├─nvme0n1p127 259:2    0   1M  0 part
└─nvme0n1p128 259:3    0  10M  0 part /boot/efi
nvme1n1        259:4    0  10G  0 disk
[ec2-user@ip-172-31-42-1 ~]$ df -h
Filesystem        Size  Used Avail Use% Mounted on
devtmpfs          4.0M     0  4.0M   0% /dev
tmpfs             453M     0  453M   0% /dev/shm
tmpfs             181M  444K  181M   1% /run
/dev/nvme0n1p1    8.0G  1.6G  6.5G  20% /
tmpfs             453M     0  453M   0% /tmp
/dev/nvme0n1p128   10M  1.3M  8.7M  13% /boot/efi
tmpfs              91M     0   91M   0% /run/user/1000
[ec2-user@ip-172-31-42-1 ~]$ file -s /dev/nvme0n1p128
```

```
[ec2-user@ip-172-31-42-1 ~]$ file -s /dev/nvme1n1
/dev/nvme1n1: no read permission
[ec2-user@ip-172-31-42-1 ~]$ cd ..
[ec2-user@ip-172-31-42-1 home]$ /dev
-bash: /dev: Is a directory
[ec2-user@ip-172-31-42-1 home]$ cd ..
[ec2-user@ip-172-31-42-1 /]$ ls
bin  boot  dev  etc  home  lib  lib64  local  media  mnt  opt  proc  root  run  sbin  srv  sys  tmp  usr  va
[ec2-user@ip-172-31-42-1 /]$ cd mnt
[ec2-user@ip-172-31-42-1 mnt]$ mkdir roots
mkdir: cannot create directory 'roots': Permission denied
[ec2-user@ip-172-31-42-1 mnt]$ mkdir pandi
mkdir: cannot create directory 'pandi': Permission denied
[ec2-user@ip-172-31-42-1 mnt]$ sudo su
[root@ip-172-31-42-1 mnt]# mkdir pan
[root@ip-172-31-42-1 mnt]# file -s /dev/^C
[root@ip-172-31-42-1 mnt]# file -s /dev/nvme1n1
/dev/nvme1n1: data
[root@ip-172-31-42-1 mnt]# mkfs -t xfs /dev/nvme1n1
meta-data=/dev/nvme1n1           isize=512    agcount=16, agsize=163840 blks
         =                       sectsz=512   attr=2, projid32bit=1
         =                       crc=1        finobt=1, sparse=1, rmapbt=1
         =                       reflink=1    bigtime=1 inobtcount=1 nrext64=1
         =                       exchange=0
data     =                       bsize=4096   blocks=2621440, imaxpct=25
```

```
log        =internal log                bsize=4096    blocks=163₎
           =                             sectsz=512    sunit=1 bl₎
realtime =none                           extsz=4096    blocks=0,
[root@ip-172-31-42-1 mnt]# mount /dev/nvme1n1/mnt/pan
mount: /dev/nvme1n1/mnt/pan: can't find in /etc/fstab.
[root@ip-172-31-42-1 mnt]# mount /dev/nvme1n1 /mnt/pan
[root@ip-172-31-42-1 mnt]# df -h
Filesystem          Size  Used Avail Use% Mounted on
devtmpfs            4.0M     0  4.0M   0% /dev
tmpfs               453M     0  453M   0% /dev/shm
tmpfs               181M  440K  181M   1% /run
/dev/nvme0n1p1      8.0G  1.6G  6.5G  20% /
tmpfs               453M     0  453M   0% /tmp
/dev/nvme0n1p128     10M  1.3M  8.7M  13% /boot/efi
tmpfs                91M     0   91M   0% /run/user/1000
/dev/nvme1n1         10G  228M  9.8G   3% /mnt/pan
[root@ip-172-31-42-1 mnt]#
```

```
[root@ip-172-31-42-1 mnt]# history
    1   mkdir pan
    2   file -s /dev/nvme1n1
    3   mkfs -t xfs /dev/nvme1n1
    4   mount /dev/nvme1n1/mnt/pan
    5   mount /dev/nvme1n1 /mnt/pan
    6   df -h
    7   history
[root@ip-172-31-42-1 mnt]#
```