

ole.aws.amazon.com/ec2/v2/home?region=us-east-1#Instances:

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Instances (1/4) Info

ConnectInstance stateActionsLaunch instances

Search

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DN
<input type="checkbox"/>	EBS	i-0514b6210897d8f09	Terminated	t2.micro	-	No alarms +	us-east-1a	-
<input checked="" type="checkbox"/>	EC2-1	i-0d850db7fb2be55f4	Running	t2.micro	2/2 checks passed	No alarms +	us-east-1a	ec2-18-234-201-7
<input type="checkbox"/>	EC2-2	i-00aa4fbdf9667564d	Terminated	t2.micro	-	No alarms +	us-east-1a	-
<input type="checkbox"/>	-	i-0e55ae0e0ec3990c5	Terminated	t2.micro	-	No alarms +	us-east-1a	-

Instance: i-0d850db7fb2be55f4 (EC2-1)

DetailsSecurityNetworkingStorageStatus checksMonitoringTags

Instance summary Info

Instance ID

i-0d850db7fb2be55f4 (EC2-1)

Public IPv4 address

18.234.201.7 | open address

Private IPv4 addresses

172.31.89.39

IPv6 address

-

Instance state

Running

Public IPv4 DNS

ec2-18-234-201-7.compute-1.amazonaws.com | open address

Hostname type

IP name: ip-172-31-89-39.ec2.internal

Private IP DNS name (IPv4 only)

ip-172-31-89-39.ec2.internal

Answer private resource DNS name

IPv4 (A)

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PrivacyTermsCookie preferences

EBS1.pemEBS.pemBeanstalk.pdflambda task.pdf

10:56 PM22-02-2022


```
login as: ec2-user
Authenticating with public key "imported-openssh-key"
Last login: Tue Feb 22 17:00:32 2022 from 152.57.92.45
```

```

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Amazon Linux 2 AMI
```

```
https://aws.amazon.com/amazon-linux-2/
8 package(s) needed for security, out of 14 available
Run "sudo yum update" to apply all updates.
```

```
[ec2-user@ip-172-31-89-39 ~]$ df
Filesystem      1K-blocks      Used Available Use% Mounted on
devtmpfs         485568          0    485568   0% /dev
tmpfs            494340          0    494340   0% /dev/shm
tmpfs            494340        492    493848   1% /run
tmpfs            494340          0    494340   0% /sys/fs/cgroup
/dev/xvda1      8376300 1579784   6796516  19% /
tmpfs            98872          0    98872   0% /run/user/1000
tmpfs            98872          0    98872   0% /run/user/0
```

```
[ec2-user@ip-172-31-89-39 ~]$ lsblk
```

```
NAME        MAJ:MIN RM  SIZE RO TYPE MOUNTPOINT
xvda        202:0    0     8G  0 disk
└─xvda1     202:1    0     8G  0 part /
xvdf        202:80   0    10G  0 disk
```

```
[ec2-user@ip-172-31-89-39 ~]$ sudo mkfs -t ext4 /dev/xvdf
```

```
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
655360 inodes, 2621440 blocks
131072 blocks (5.00%) reserved for the super user
First data block=0
Maximum filesystem blocks=2151677952
80 block groups
32768 blocks per group, 32768 fragments per group
8192 inodes per group
Superblock backups stored on blocks:
    32768, 98304, 163840, 229376, 294912, 819200, 884736, 1605632
```

```
Allocating group tables: done
Writing inode tables: done
Creating journal (32768 blocks): done
Writing superblocks and filesystem accounting information: done
```

```
[ec2-user@ip-172-31-89-39 ~]$ lsblk
NAME        MAJ:MIN RM  SIZE RO TYPE MOUNTPOINT
xvda        202:0    0     8G  0 disk
```



Type here to search




```

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NAME        MAJ:MIN RM SIZE RO TYPE MOUNTPOINT
xvda        202:0    0   8G  0 disk
└─xvda1     202:1    0   8G  0 part /
xvdf        202:80   0  10G  0 disk
[ec2-user@ip-172-31-89-39 ~]$ sudo mkdir /mnt/mydisk
[ec2-user@ip-172-31-89-39 ~]$ ls -l
total 0
[ec2-user@ip-172-31-89-39 ~]$ sudo mount /dev/xvdf /mnt/mydisk
[ec2-user@ip-172-31-89-39 ~]$ ls -l /mnt/mydisk
total 16
drwx----- 2 root root 16384 Feb 22 17:12 lost+found
[ec2-user@ip-172-31-89-39 ~]$ cd /mnt/mydisk
[ec2-user@ip-172-31-89-39 mydisk]$ ls -lrt
total 16
drwx----- 2 root root 16384 Feb 22 17:12 lost+found
[ec2-user@ip-172-31-89-39 mydisk]$ sudo vim test
[ec2-user@ip-172-31-89-39 mydisk]$ cd /
[ec2-user@ip-172-31-89-39 ~]$ df
Filesystem      1K-blocks      Used Available Use% Mounted on
devtmpfs        485568          0    485568   0% /dev
tmpfs           494340          0    494340   0% /dev/shm
tmpfs           494340        492    493848   1% /run
tmpfs           494340          0    494340   0% /sys/fs/cgroup
/dev/xvda1      8376300 1579732    6796568  19% /
tmpfs           98872          0     98872   0% /run/user/1000
tmpfs           98872          0     98872   0% /run/user/0
/dev/xvdf       10190100 36892    9612536   1% /mnt/mydisk
[ec2-user@ip-172-31-89-39 ~]$ ls -l /mnt/mydisk
total 20
drwx----- 2 root root 16384 Feb 22 17:12 lost+found
-rw-r--r-- 1 root root   43 Feb 22 17:20 test
[ec2-user@ip-172-31-89-39 ~]$ sudo umount /mnt/mydisk
[ec2-user@ip-172-31-89-39 ~]$ df
Filesystem      1K-blocks      Used Available Use% Mounted on
devtmpfs        485568          0    485568   0% /dev
tmpfs           494340          0    494340   0% /dev/shm
tmpfs           494340        492    493848   1% /run
tmpfs           494340          0    494340   0% /sys/fs/cgroup
/dev/xvda1      8376300 1579796    6796504  19% /
tmpfs           98872          0     98872   0% /run/user/1000
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```