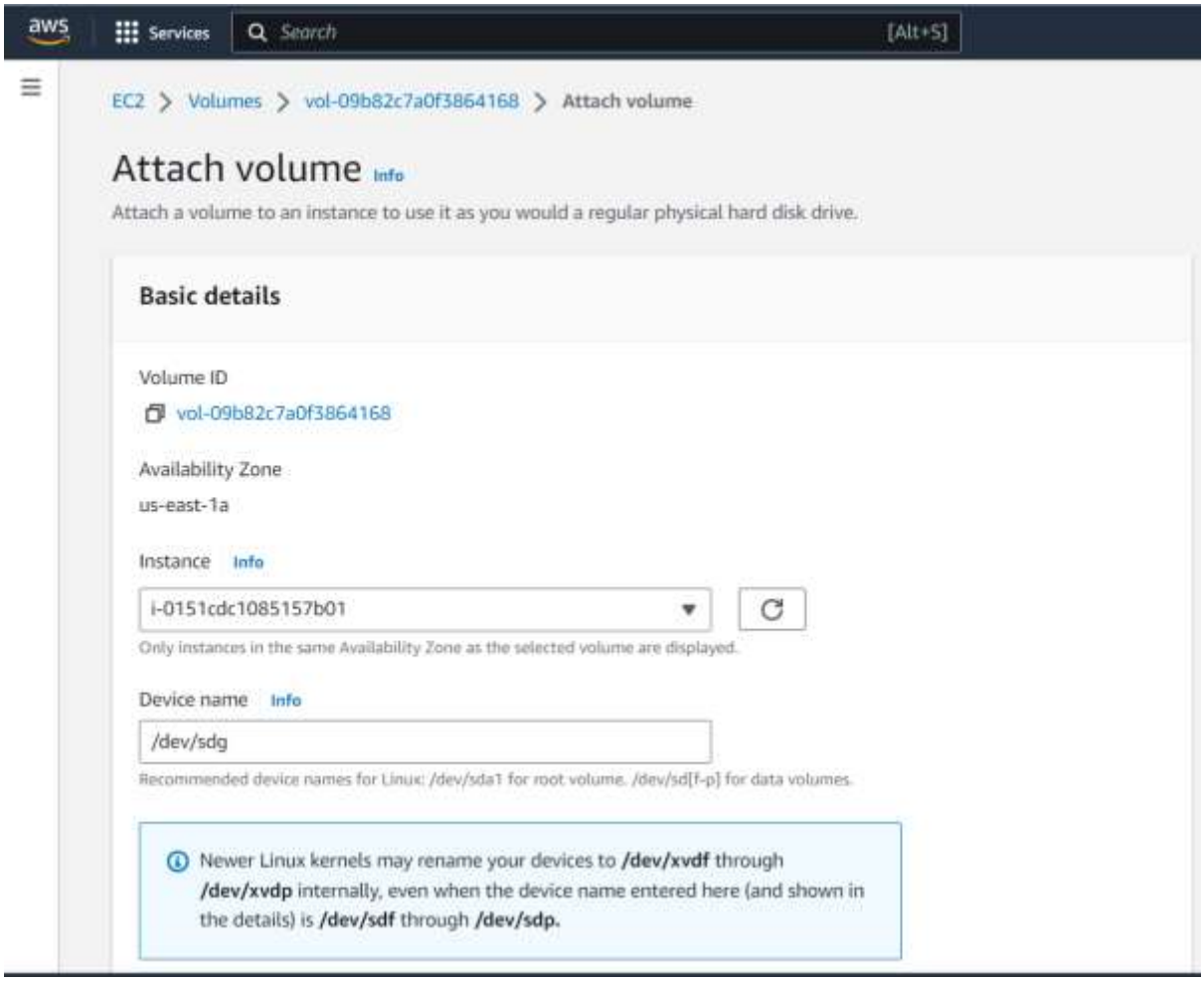


```
Microsoft Windows [Version 10.0.19045.3208]
(c) Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>ssh -i C:\Users\Hp\Downloads\MyEc2SSH.pem ec2-user@54.158.152.213
The authenticity of host '54.158.152.213 (54.158.152.213)' can't be established.
ECDSA key fingerprint is SHA256:SKG1rjW9BxWx2wZgasU77rIGFf4kArPmn2TtheF5Y64.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '54.158.152.213' (ECDSA) to the list of known hosts.
   ,     #_
   ~\_  ####_        Amazon Linux 2023
  ~~  \_#####\
  ~~     \###|
  ~~       \#/ ___   https://aws.amazon.com/linux/amazon-linux-2023
   ~~       V~' '->
    ~~~         /
      ~~._.   _/
         _/ _/
       _/m/'
Last login: Wed Jul 26 07:56:52 2023 from 49.37.154.79
[ec2-user@ip-172-31-80-148 ~]$
```

```
[root@ip-172-31-80-148 ~]# 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
xvdf      202:80   0   2G  0 disk
xvdg      202:96   0   1G  0 disk
```

```
[root@ip-172-31-80-148 ~]# df -h
Filesystem      Size  Used Avail Use% Mounted on
devtmpfs        4.0M     0  4.0M   0% /dev
tmpfs           475M     0  475M   0% /dev/shm
tmpfs           190M  2.8M  188M   2% /run
/dev/xvda1      8.0G  1.6G  6.5G  20% /
tmpfs           475M     0  475M   0% /tmp
tmpfs            95M     0   95M   0% /run/user/1000
[root@ip-172-31-80-148 ~]#
```

```
[root@ip-172-31-80-148 ~]# fdisk /dev/xvdf

Welcome to fdisk (util-linux 2.37.4).
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 0xe43472de.

Command (m for help):
```

```
Device does not contain a recognized partition table.
Created a new DOS disklabel with disk identifier 0xe43472de.

Command (m for help): m

Help:

  DOS (MBR)
   a   toggle a bootable flag
   b   edit nested BSD disklabel
   c   toggle the dos compatibility flag

  Generic
   d   delete a partition
   F   list free unpartitioned space
   l   list known partition types
   n   add a new partition
   p   print the partition table
   t   change a partition type
   v   verify the partition table
   i   print information about a partition

  Misc
   m   print this menu
   u   change display/entry units
   x   extra functionality (experts only)

  Script
   I   load disk layout from sfdisk script file
   O   dump disk layout to sfdisk script file

  Save & Exit
   w   write table to disk and exit
   q   quit without saving changes

  Create a new label
   g   create a new empty GPT partition table
   G   create a new empty SGI (IRIX) partition table
   o   create a new empty DOS partition table
   s   create a new empty Sun partition table
```

```
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): 2
First sector (2048-4194303, default 2048): 2048
Last sector, +/-sectors or +/-size{K,M,G,T,P} (2048-4194303, default 4194303): 4194300

Created a new partition 2 of type 'Linux' and of size 2 GiB.

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

[root@ip-172-31-80-148 ~]#
```

```
[root@ip-172-31-80-148 ~]# 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
xvdf        202:80    0    2G   0  disk
└─xvdf2     202:82    0    2G   0  part
xvdg        202:96    0    1G   0  disk
[root@ip-172-31-80-148 ~]#
```

```
[root@ip-172-31-80-148 ~]# mkfs -t ext4 /dev/xvdf
mke2fs 1.46.5 (30-Dec-2021)
Found a dos partition table in /dev/xvdf
Proceed anyway? (y,N) y
Creating filesystem with 524288 4k blocks and 131072 inodes
Filesystem UUID: c9a6726a-7d9e-4b48-aec0-9406b546bf84
Superblock backups stored on blocks:
        32768, 98304, 163840, 229376, 294912

Allocating group tables: done
Writing inode tables: done
Creating journal (16384 blocks): done
Writing superblocks and filesystem accounting information: done
```

```
[root@ip-172-31-80-148 ~]# mkfs -t ext3 /dev/xvdf
mke2fs 1.46.5 (30-Dec-2021)
/dev/xvdf contains a ext4 file system
        created on Wed Jul 26 10:05:32 2023
Proceed anyway? (y,N) y
Creating filesystem with 524288 4k blocks and 131072 inodes
Filesystem UUID: e544c0c8-2ec6-4658-a831-77d792c7e068
Superblock backups stored on blocks:
        32768, 98304, 163840, 229376, 294912

Allocating group tables: done
Writing inode tables: done
Creating journal (16384 blocks): done
Writing superblocks and filesystem accounting information: done
```

```
[root@ip-172-31-80-148 ~]# 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
xvdf       202:80   0   2G  0 disk
xvdg       202:96   0   1G  0 disk
[root@ip-172-31-80-148 ~]#
```

```
[root@ip-172-31-80-148 ~]# 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
xvdf       202:80   0   2G  0 disk
xvdg       202:96   0   1G  0 disk
[root@ip-172-31-80-148 ~]# mkdir /tmp/disk2
[root@ip-172-31-80-148 ~]# mount /dev/xvdf /tmp/disk2
[root@ip-172-31-80-148 ~]# 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
xvdf       202:80   0   2G  0 disk /tmp/disk2
xvdg       202:96   0   1G  0 disk
```

```
[root@ip-172-31-80-148 ~]# df -h
Filesystem      Size  Used Avail Use% Mounted on
devtmpfs        4.0M     0  4.0M   0% /dev
tmpfs           475M     0  475M   0% /dev/shm
tmpfs           190M  2.8M  188M   2% /run
/dev/xvda1      8.0G  1.6G  6.5G  20% /
tmpfs           475M     0  475M   0% /tmp
tmpfs            95M     0   95M   0% /run/user/1000
/dev/xvdf       2.0G   92K  1.9G   1% /tmp/disk2
```