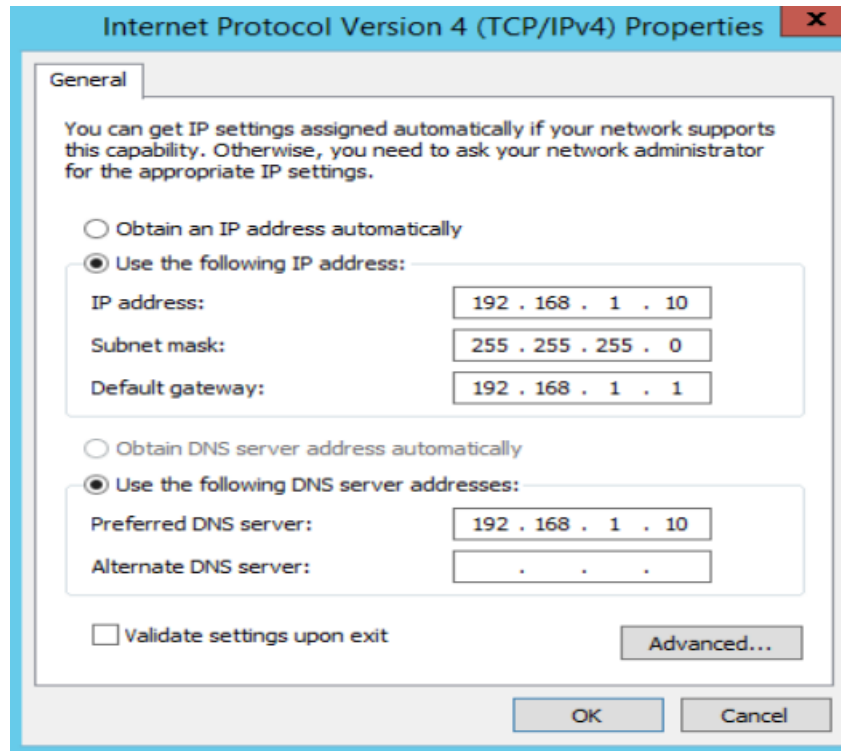


I) Chuẩn bị:

1. Window Server 2012 (DC) (1)



2. CentOS 7 (DC) (2)

Cancel
Wired
Apply

Details
Identity
IPv4
IPv6
Security

Link speed1000 Mb/s

IPv4 Address192.168.1.1

IPv6 Addressfe80::a501:fdbb:d1d0:23db

Hardware Address00:0C:29:A1:71:BA

Default Route192.168.1.2

DNS192.168.1.1

☐ Connect automatically
☒ Make available to other users
☐ Restrict background data usage
Appropriate for connections that have data charges or limits.

Remove Connection Profile

3. Window XP (Client) (3)

Internet Protocol (TCP/IP) Properties
?
X

General

You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.

☐ Obtain an IP address automatically
☒ Use the following IP address:

IP address:

192 . 168 . 1 . 30

Subnet mask:

255 . 255 . 255 . 0

Default gateway:

192 . 168 . 1 . 1

☐ Obtain DNS server address automatically
☒ Use the following DNS server addresses:

Preferred DNS server:

192 . 168 . 1 . 30

Alternate DNS server:

. . .

Advanced...

OK

Cancel

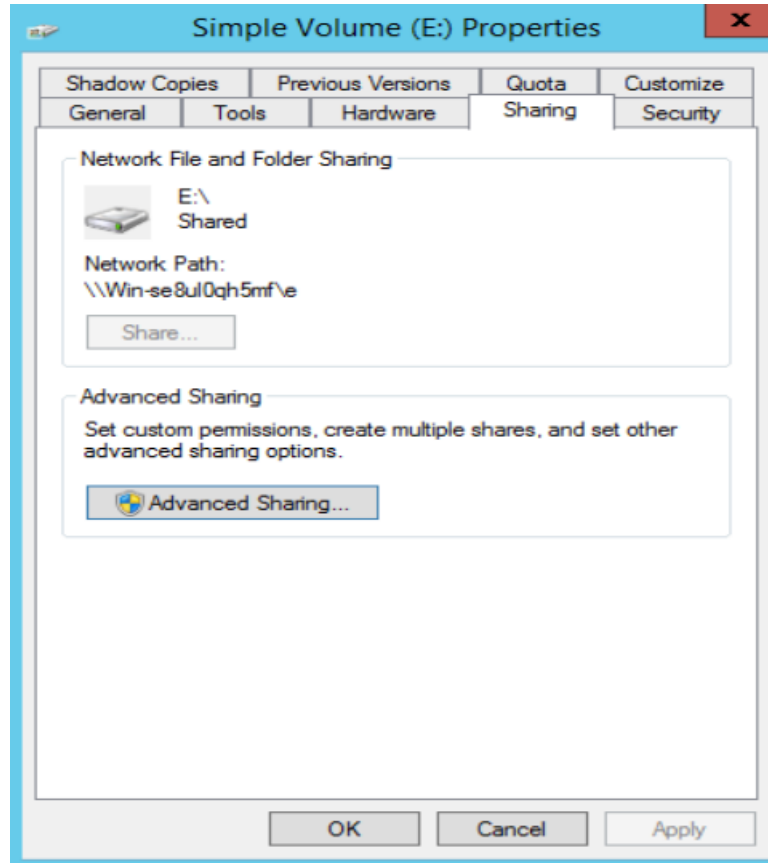
II) Quản lý ổ đĩa trên Window, cấu hình Quota, chia sẻ ổ đĩa

1) Tạo Simple Volume

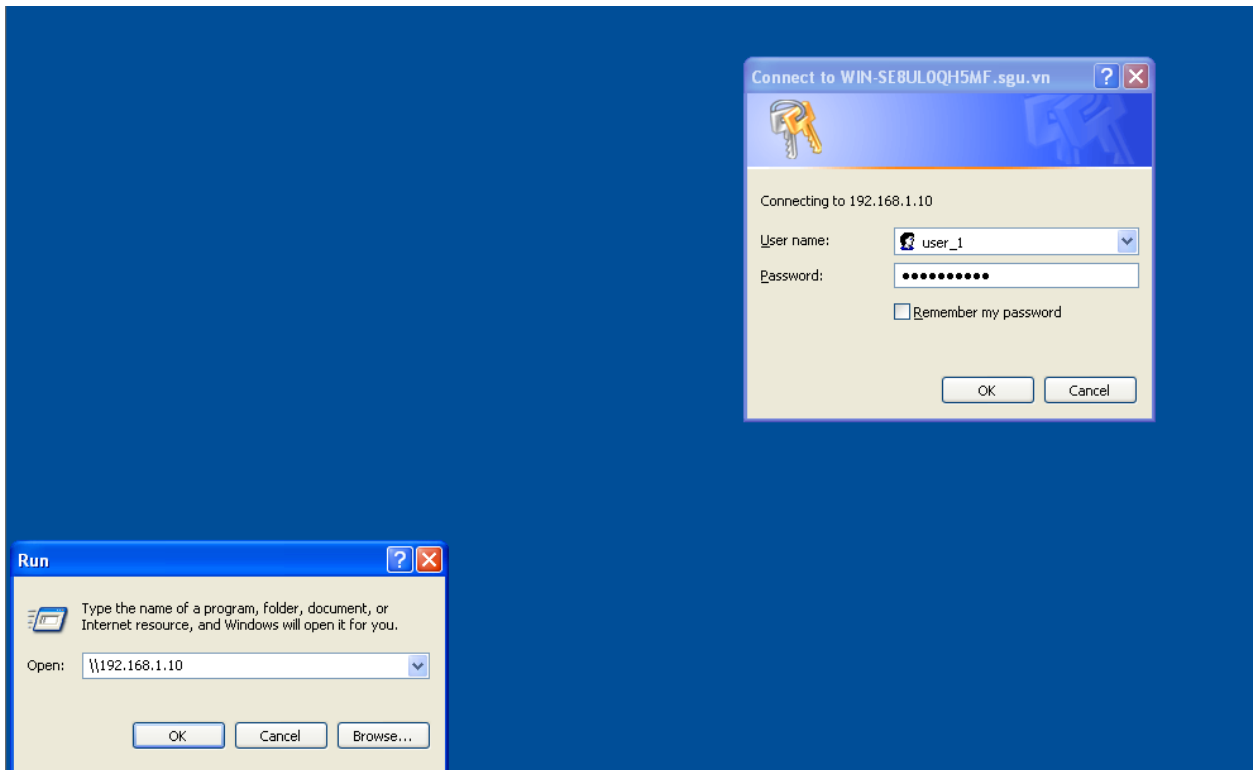
Volume	Layout	Type	File System	Status
(C:)	Simple	Basic	NTFS	Healthy (Boot, Page File, Crash Dump, Primary Partition)
IR3_SSS_X64FREE_EN-US_DV9 (D:)	Simple	Basic	UDF	Healthy (Primary Partition)
Simple Volume (E:)	Simple	Dynamic	NTFS	Healthy

2) Chia sẻ ổ đĩa

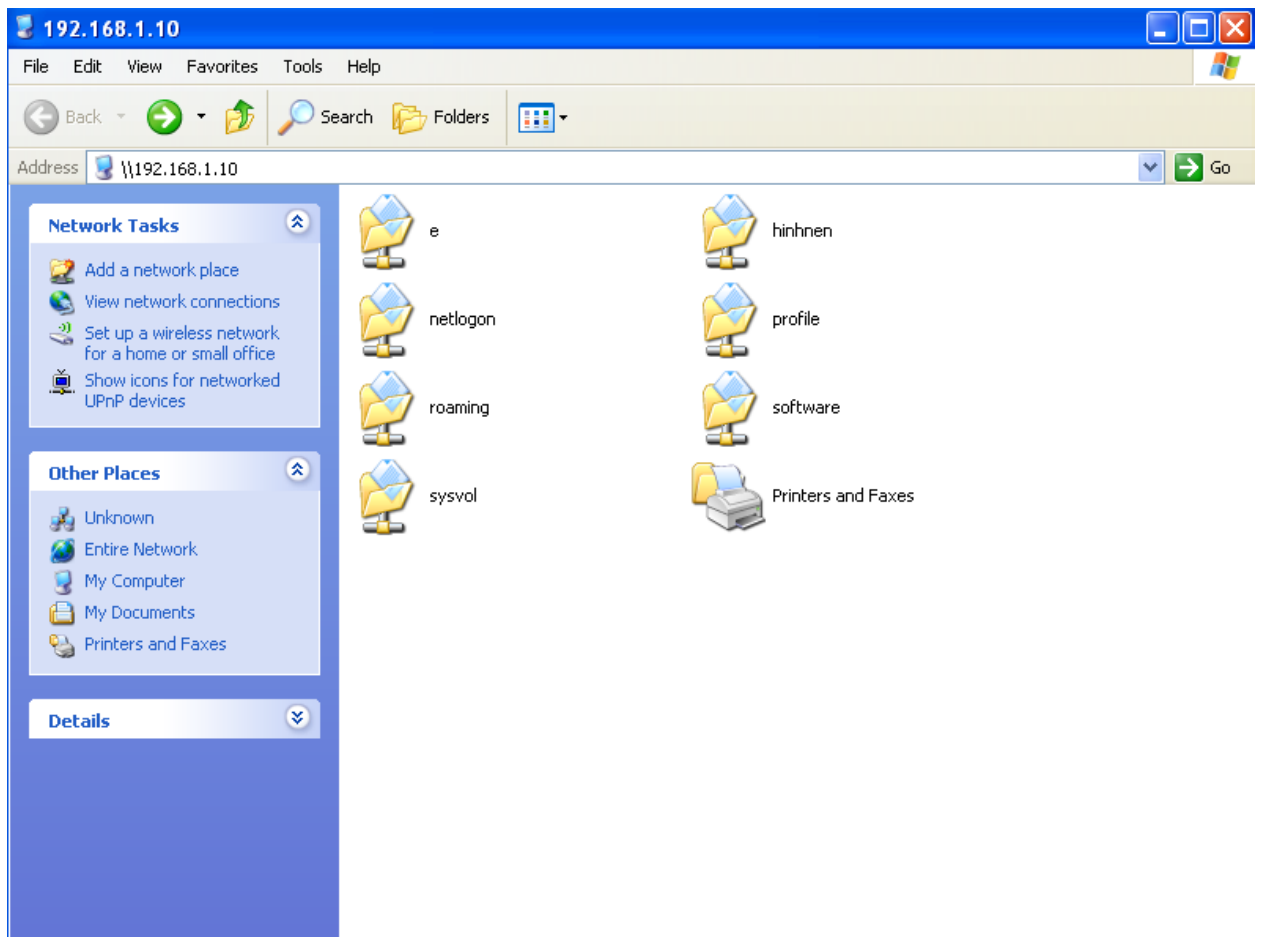
- Thiết lập tính năng Sharing cho ổ đĩa E trên (2)

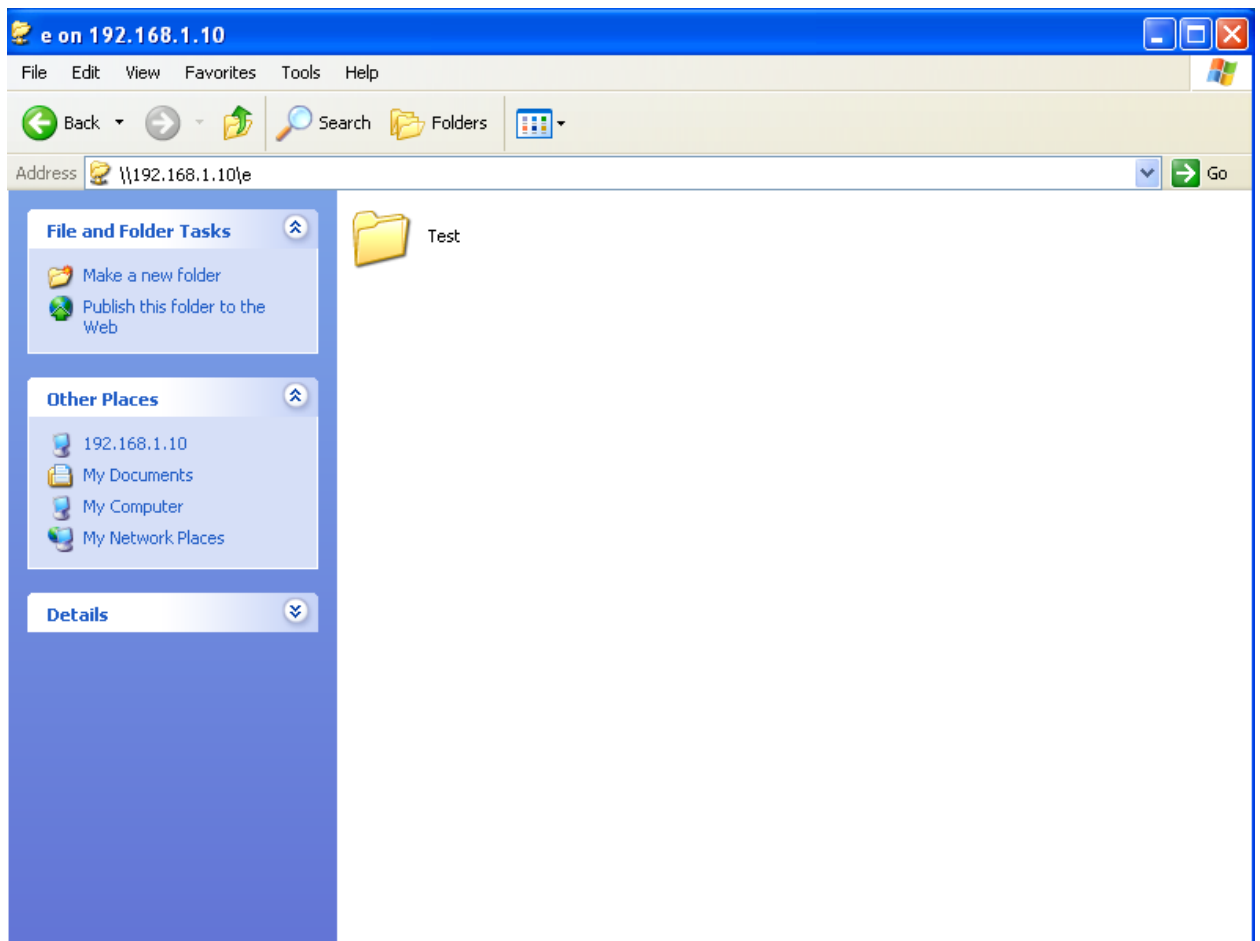


- Join (3) vào (1)

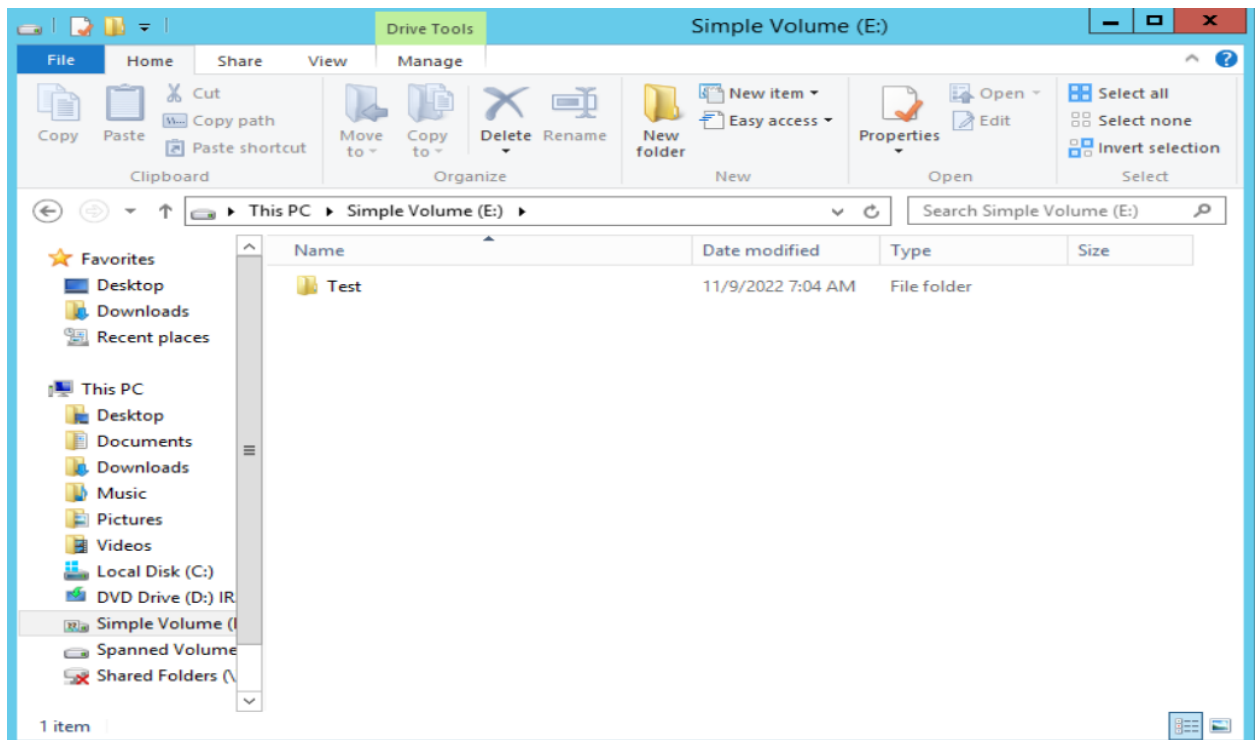


- Truy cập vào thư mục Sharing (1) ở trên (2) và truy cập thư mục e để tạo ra 1 thư mục Test

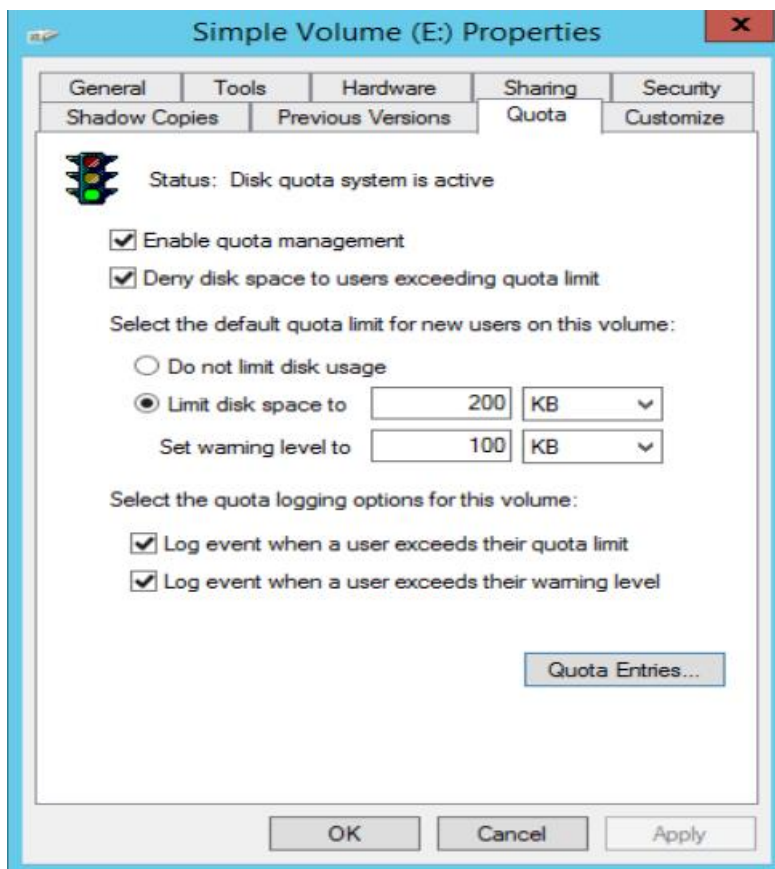


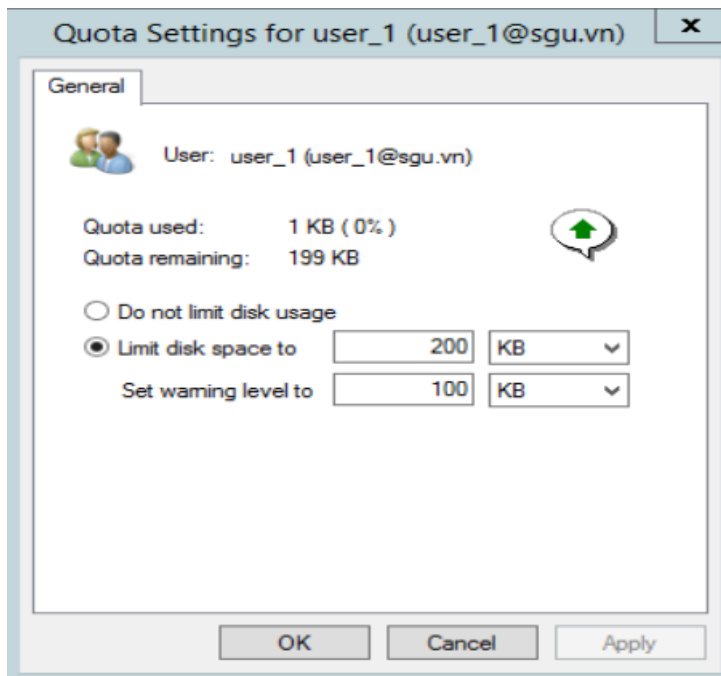


- Kiểm tra thư mục Test có được tạo trên (1)



3) Cấu hình Quota





III) Quản lý ổ đĩa trên Linux, cấu hình Quota, chia sẻ ổ đĩa

1) Tạo ổ đĩa LVM

- /dev/sda

```
Disk /dev/sda: 21.5 GB, 21474836480 bytes, 41943040 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
Disk label type: dos
Disk identifier: 0x000a2730
```

Device	Boot	Start	End	Blocks	Id	System
/dev/sda1	*	2048	2099199	1048576	83	Linux
/dev/sda2		2099200	41943039	19921920	8e	Linux LVM

- /dev/sdb

```
Disk /dev/sdb: 2147 MB, 2147483648 bytes, 4194304 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
Disk label type: dos
Disk identifier: 0xcaefa7e2
```

Device	Boot	Start	End	Blocks	Id	System
/dev/sdb1		2048	4194303	2096128	5	Extended
/dev/sdb5		4096	4194303	2095104	8e	Linux LVM

- **/dev/sdc**

```

Disk /dev/sdc: 2147 MB, 2147483648 bytes, 4194304 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
Disk label type: dos
Disk identifier: 0x4f94b6f8

   Device Boot      Start         End      Blocks   Id  System
/dev/sdc1           2048        4194303    2096128     5   Extended
/dev/sdc5           4096        4194303    2095104    8e   Linux LVM

```

- **/dev/sdd**

```

Disk /dev/sdd: 2147 MB, 2147483648 bytes, 4194304 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
Disk label type: dos
Disk identifier: 0xad507286

   Device Boot      Start         End      Blocks   Id  System
/dev/sdd1           2048        4194303    2096128     5   Extended
/dev/sdd5           4096        4194303    2095104    8e   Linux LVM

```

- **Volume Group (VG)**

```

--- Volume group ---
VG Name                VolumeA
System ID
Format                 lvm2
Metadata Areas         3
Metadata Sequence No   2
VG Access               read/write
VG Status               resizable
MAX LV                 0
Cur LV                 1
Open LV                 1
Max PV                 0
Cur PV                 3
Act PV                 3
VG Size                 <5.99 GiB
PE Size                 4.00 MiB
Total PE                1533
Alloc PE / Size        512 / 2.00 GiB
Free PE / Size          1021 / <3.99 GiB
VG UUID                 zmstwE-eSZZ-44ld-cjRy-XpsQ-efkw-p3RSeE

```

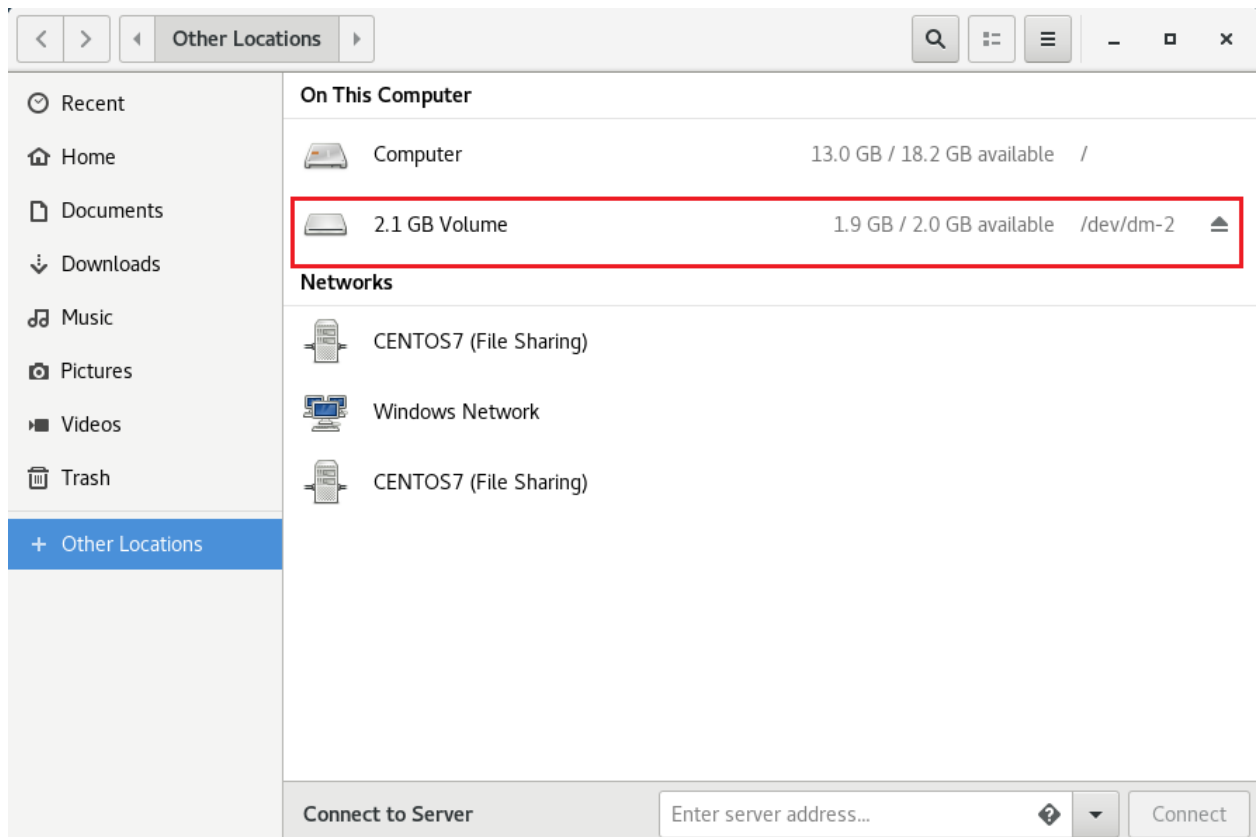
- **Logical volume (LV)**

```

--- Logical volume ---
LV Path                /dev/VolumeA/LV
LV Name                 LV
VG Name                 VolumeA
LV UUID                 cRdVNE-tmXF-cjof-PdRn-ea46-ELrG-ZBLnxJ
LV Write Access         read/write
LV Creation host, time localhost.localdomain, 2022-11-10 14:27:53 +0700
LV Status                available
# open                  1
LV Size                 2.00 GiB
Current LE              512
Segments                2
Allocation               inherit
Read ahead sectors      auto
- currently set to     8192
Block device            253:2

```

- Ổ đĩa LVM



2) Cấu hình Quota

2.1 GB Block Device

/dev/VolumeA/LV

21 GB Hard Disk

VMware, VMware Virtual S

2.1 GB Hard Disk

VMware, VMware Virtual S

2.1 GB Hard Disk

VMware, VMware Virtual S

2.1 GB Hard Disk

VMware, VMware Virtual S

CD/DVD Drive

VMware Virtual IDE CDROM Drive

18 GB Block Device

/dev/centos/root

2.1 GB Block Device

/dev/centos/swap

2.1 GB Block Device

/dev/VolumeA/LV

Size 2.1 GB (2,147,483,648 bytes)

Volumes

Filesystem

2.1 GB Ext3

Size 2.1 GB — 2.0 GB free (4.8% full)

Device /dev/VolumeA/LV

UUID d11d55f7-2ff5-4813-8ee8-ddfea27a0bd6

Contents Ext3 (version 1.0) — Mounted at [/home/tangtrinhquang/Desktop/Disk](#)

root@localhost:~

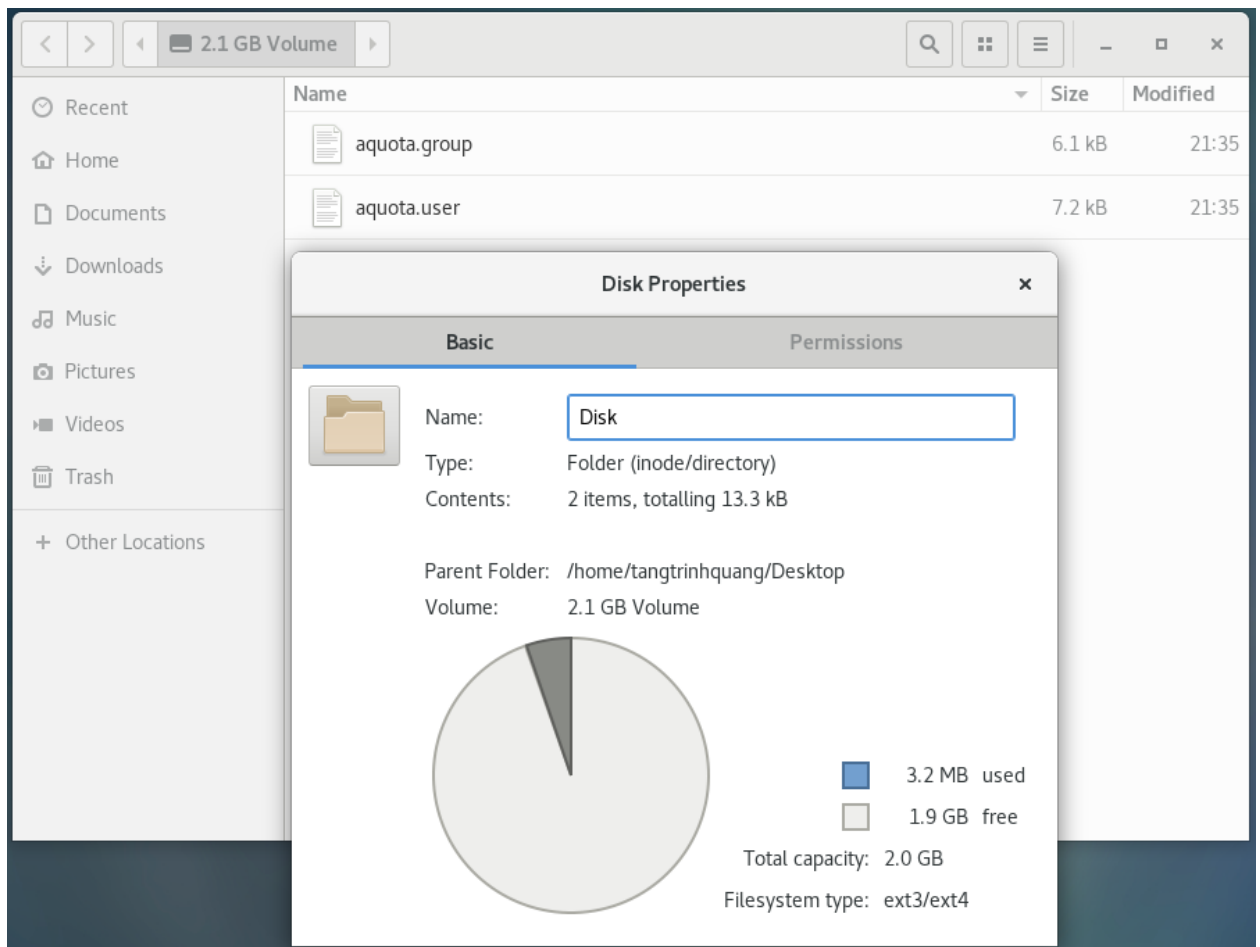
File Edit View Search Terminal Help

GNU nano 2.3.1File: /etc/fstab

```

#
# /etc/fstab
# Created by anaconda on Thu Oct 27 10:23:27 2022
#
# Accessible filesystems, by reference, are maintained under '/dev/disk'
# See man pages fstab(5), findfs(8), mount(8) and/or blkid(8) for more info
#
/dev/mapper/centos-root / xfs defaults 0 0
UUID=e9afa96b-4a20-4fd8-bb91-61223542dfa9 /boot xfs defaults 0 0
/dev/mapper/centos-swap swap swap defaults 0 0
/dev/mapper/VolumeA-LV /home/tangtrinhquang/Desktop/Disk ext3 defaults,usrquota,grpquota 0 0

```



3) Chia sẻ file

- Cấu hình Samba để chia sẻ file

```
[Checked]
path = /home/tangtrinhquang/Desktop/Disk
browsable = yes
writable = yes
guest ok = yes
read only = no
```

- Join (3) vào (2)

