windows共享

前提条件

- 查看windows共享文件

方法一 net share
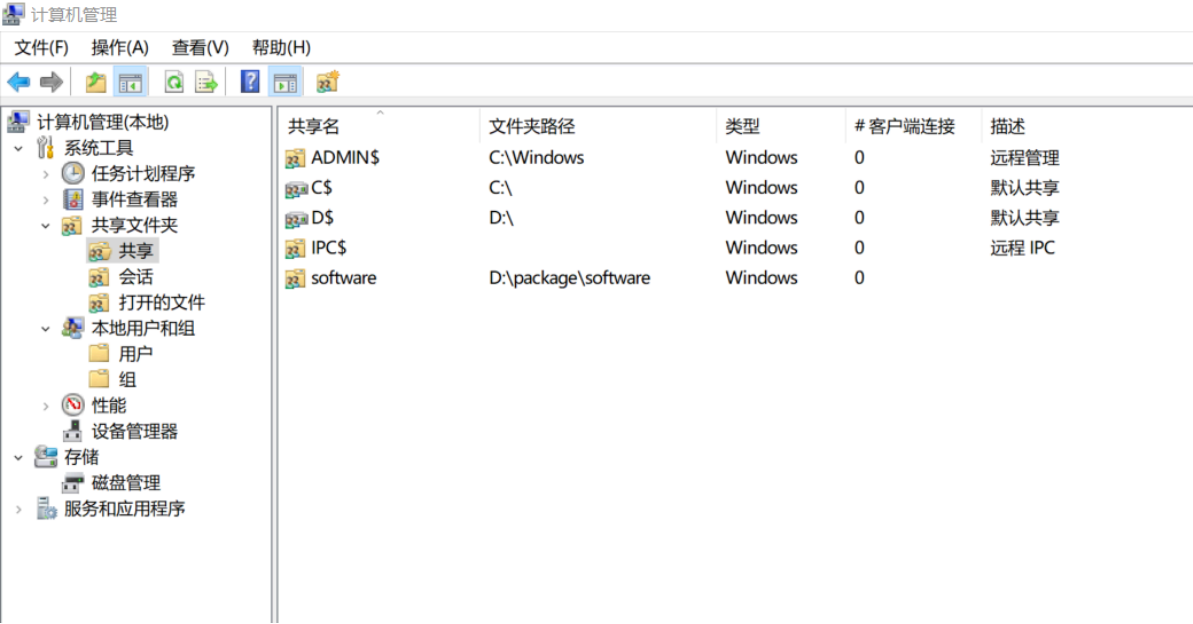
```
C:\Users\Administrator>net share

Share name    Resource                        Remark

-------------------------------------------------------------------------------
C$            C:\                             默认共享
D$            D:\                             默认共享
IPC$                                          远程 IPC
ADMIN$        C:\Windows                      远程管理
software      D:\package\software
The command completed successfully.


C:\Users\Administrator>
```

方法二

- linux扫描共享目录

```
1  smbclient -L //192.168.0.104 -N
```

```
[root@192 ~]#
[root@192 ~]# smbclient -L //192.168.0.104 -N

        Sharename      Type      Comment
        ---------      ----      -------
        ADMIN$         Disk      远程管理
        C$             Disk      默认共享
        D$             Disk      默认共享
        IPC$           IPC       远程 IPC
        software       Disk
SMB1 disabled -- no workgroup available
[root@192 ~]#
```

- 查看是否安装cifs-utils

```
[root@192 samba]# rpm -qi cifs-utils
Name         : cifs-utils
Version      : 6.8
Release      : 5.oe1
Architecture : x86_64
Install Date : Sun 21 Jul 2024 10:06:49 AM CST
Group        : Unspecified
Size         : 178398
License      : GPLv3+
Signature    : RSA/SHA1, Tue 24 Mar 2020 04:35:09 AM CST, Key ID d557065eb25e7f66
Source RPM   : cifs-utils-6.8-5.oe1.src.rpm
Build Date   : Tue 24 Mar 2020 04:34:29 AM CST
Build Host   : ecs-obs-memory-worker-0002
Packager     : http://openeuler.org
Vendor       : http://openeuler.org
URL          : http://linux-cifs.samba.org/cifs-utils/
Summary      : Utilities for doing and managing mounts of the Linux CIFS filesystem
Description  :
The in-kernel CIFS filesystem is generally the preferred method for mounting
SMB/CIFS shares on Linux.

The in-kernel CIFS filesystem relies on a set of user-space tools. That package
of tools is called cifs-utils.Although not really part of Samba proper, these
tools were originally part of the Samba package. For several reasons, shipping
these tools as part of Samba was problematic and it was deemed better to split
them off into their own package.
[root@192 samba]#
```

linux挂载共享目录

- 手动挂载

```
1  mount -t cifs -o user=Administrator,pass=z //192.168.0.105/software /mnt/win
```

- 自动挂载

```
[root@192 ~]# cat /etc/fstab

#
# /etc/fstab
# Created by anaconda on Sun Jul 21 17:57:19 2024
#
# 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.
#
# After editing this file, run 'systemctl daemon-reload' to update systemd
# units generated from this file.
#
/dev/mapper/openeuler_192-root /                       ext4    defaults        1 1
UUID=1deef8ed-a0f4-4541-a20c-cdbd0f278906 /boot         ext4    defaults        1 2
/dev/mapper/openeuler_192-swap swap                    swap    defaults        0 0
//192.168.0.105/software /mnt/win cifs user=Administrator,pass=z 0 0
[root@192 ~]#
```

linux共享

前提条件

- 服务端

```
[root@192 ~]#
[root@192 ~]# rpm -qa rpcbind nfs-utils
rpcbind-1.2.5-2.oe1.x86_64
nfs-utils-2.4.2-2.oe1.x86_64
[root@192 ~]#
[root@192 ~]#
[root@192 ~]# cat /etc/exports
/home/hgfs *(rw,sync,no_root_squash,no_subtree_check)
[root@192 ~]#
```

```
[root@192 ~]#
[root@192 ~]# systemctl status rpcbind
● rpcbind.service - RPC Bind
   Loaded: loaded (/usr/lib/systemd/system/rpcbind.service; enabled; vendor preset: enabled)
   Active: active (running) since Sat 2024-09-28 08:49:28 CST; 3h 3min ago
     Docs: man:rpcbind(8)
 Main PID: 1638 (rpcbind)
    Tasks: 1
   Memory: 1.5M
   CGroup: /system.slice/rpcbind.service
           └─1638 /usr/bin/rpcbind -w -f

9月 28 08:49:28 localhost.localdomain systemd[1]: Starting RPC Bind...
9月 28 08:49:28 localhost.localdomain systemd[1]: Started RPC Bind.
[root@192 ~]#
```

```
[root@192 ~]#
[root@192 ~]# showmount -e
Export list for 192.168.0.106:
/home/hgfs *
[root@192 ~]#
```

- 客户端

```
[root@192 ~]#
[root@192 ~]# rpm -qa nfs-utils
nfs-utils-2.4.2-2.oe1.x86_64
[root@192 ~]#
[root@192 ~]#
[root@192 ~]# showmount -e 192.168.0.106
Export list for 192.168.0.106:
/home/hgfs *
[root@192 ~]#
```

linux挂载共享目录

- 手动挂载

```
[root@192 ~]#
[root@192 ~]# mount -t nfs 192.168.0.106:/home/hgfs /mnt/nfs
[root@192 ~]#
[root@192 ~]#
[root@192 ~]#
[root@192 ~]# df
Filesystem                       1K-blocks       Used Available Use% Mounted on
devtmpfs                            346752          0    346752   0% /dev
tmpfs                               361856         12    361844   1% /dev/shm
tmpfs                               361856        924    360932   1% /run
tmpfs                               361856          0    361856   0% /sys/fs/cgroup
/dev/mapper/openeuler_192-root    10041868    5232180   4279872  56% /
tmpfs                               361856         80    361776   1% /tmp
/dev/sda1                           999320     123316    807192  14% /boot
vmhgfs-fuse                      976759804  172805228 803954576  18% /mnt/hgfs
//192.168.0.105/software         976759804  172805228 803954576  18% /mnt/win
tmpfs                                72368          0     72368   0% /run/user/0
tmpfs                                72368          0     72368   0% /run/user/993
192.168.0.106:/home/hgfs          10041984    5466880   4045312  58% /mnt/nfs
[root@192 ~]#
[root@192 ~]#
```

- 自动挂载

```
[root@192 ~]#
[root@192 ~]# cat /etc/fstab

#
# /etc/fstab
# Created by anaconda on Sun Jul 21 17:57:19 2024
#
# 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.
#
# After editing this file, run 'systemctl daemon-reload' to update systemd
# units generated from this file.
#
/dev/mapper/openeuler_192-root /                           ext4     defaults        1 1
UUID=1deef8ed-a0f4-4541-a20c-cdbd0f278906 /boot                      ext4     defaults        1 2
/dev/mapper/openeuler_192-swap swap                        swap     defaults        0 0
//192.168.0.105/software /mnt/win cifs user=Administrator,pass=z 0 0
192.168.0.106:/home/hgfs /mnt/nfs nfs defaults 0 0
[root@192 ~]#
[root@192 ~]#
[root@192 ~]# mount -a
[root@192 ~]#
```

```
[root@192 ~]# df -h
Filesystem                     Size  Used Avail Use% Mounted on
devtmpfs                       339M     0  339M   0% /dev
tmpfs                          354M   12K  354M   1% /dev/shm
tmpfs                          354M  924K  353M   1% /run
tmpfs                          354M     0  354M   0% /sys/fs/cgroup
/dev/mapper/openeuler_192-root 9.6G  5.0G  4.1G  56% /
tmpfs                          354M   80K  354M   1% /tmp
/dev/sda1                      976M  121M  789M  14% /boot
vmhgfs-fuse                    932G  165G  767G  18% /mnt/hgfs
//192.168.0.105/software       932G  165G  767G  18% /mnt/win
tmpfs                           71M     0   71M   0% /run/user/0
tmpfs                           71M     0   71M   0% /run/user/993
192.168.0.106:/home/hgfs       9.6G  5.3G  3.9G  58% /mnt/nfs
[root@192 ~]#
[root@192 ~]#
```