

Samba – подключение клиентов Windows и Linux

Windows

```
C:\> net view \\192.168.1.1
Shared resources at \\192.168.1.1
Share name Type Used as Comment
-----
pub          Disk
private Disk
The command completed successfully.
```

```
C:\> net use j: \\192.168.1.1\pub
```

The command completed successfully.

Теперь откройте значок Мой компьютер в верхней части панели инструментов, затем выберите Сервис, Подключить сетевой диск.

Linux

```
# mount -t smbfs -o username=smbguest //192.168.1.1/pub /mnt
# mount -t cifs -o user=smbguest //192.168.1.1/pub /mnt
```

Через credsfile (Linux Mint):

```
root@note:~# cat /root/credsfile
```

```
username=_username_
```

```
password=_password_
```

```
root@note:~# chmod 400 /root/credsfile
```

```
root@note:~# cat /etc/fstab
```

```
UUID=2df6c92d-2156-426c-9a1a-a08fba2c52f8 / ext4
```

```
errors=remount-ro 0 1
```

```
# /home was on /dev/sda6 during installation
```

```
UUID=d512fc6a-5e9b-48db-9e26-e94eda009f6f /home ext4 defaults
```

```
0 2
```

```
/swapfile none swap sw 0 0
```

```
//192.168.1.41/box /mnt/box cifs
_netdev,credentials=/root/credsfile,uid=1000,gid=1000 0 0
//192.168.1.41/share /mnt/share cifs
_netdev,credentials=/root/credsfile,uid=1000,gid=1000 0 0
//192.168.1.41/video /mnt/video cifs
_netdev,credentials=/root/credsfile,uid=1000,gid=1000 0 0
//192.168.1.41/data /mnt/data cifs
_netdev,credentials=/root/credsfile,uid=1000,gid=1000 0 0
```

```
# id _username_
uid=1000(_username_) gid=1000(_username_)
группы=1000(_username_),4(adm),24(cdrom),27(sudo),30(dip),46(plugdev),115(lpadmin),128(smbashare)
```

Монтирование **всех шар** вручную (credsfile и fstab):

```
# mount -a cifs
```

```
# mount | grep cifs
//192.168.1.41/share on /mnt/share type cifs
(rw,relatime,vers=default,cache=strict,username=svm,domain=,uid=1000,forceuid,gid=1000,forcegid,addr=192.168.1.41,file_mode=0755,dir_mode=0755,soft,nounix,serverino,mapposix,rsize=1048576,wsizе=1048576,echo_interval=60,actimeo=1,_netdev)
//192.168.1.41/video on /mnt/video type cifs
(rw,relatime,vers=default,cache=strict,username=svm,domain=,uid=1000,forceuid,gid=1000,forcegid,addr=192.168.1.41,file_mode=0755,dir_mode=0755,soft,nounix,serverino,mapposix,rsize=1048576,wsizе=1048576,echo_interval=60,actimeo=1,_netdev)
//192.168.1.41/data on /mnt/data type cifs
(rw,relatime,vers=default,cache=strict,username=svm,domain=,uid=1000,forceuid,gid=1000,forcegid,addr=192.168.1.41,file_mode=0755,dir_mode=0755,soft,nounix,serverino,mapposix,rsize=1048576,wsizе=1048576,echo_interval=60,actimeo=1,_netdev)
```

Размонтировать все самба-шары на Linux:

```
# umount -a -t cifs -l
```

UPD. После обновления Linux Mint (19.1) перестали монтироваться шары при загрузке. При чтении логов видно, что fstab отрабатывает раньше чем стартует сеть. Опция _netdev не срабатывала:

```
# cat /var/log/boot.log
.....
Mounting /mnt/share...
Mounting /mnt/data...
Mounting /mnt/video...
[.[0;1;31mFAILED.[0m] Failed to mount /mnt/share.
See 'systemctl status mnt-share.mount' for details.
[.[0;1;33mDEPEND.[0m] Dependency failed for Remote File
Systems.
```

```
root@note:/var/log# systemctl status mnt-data.mount
Warning: The unit file, source configuration file or drop-ins
of mnt-data.mount changed on disk. Run 'systemctl daemon-
reload' to reload units.
```

```
● mnt-data.mount - /mnt/data
Loaded: loaded (/etc/fstab; generated)
Active: failed (Result: exit-code) since Tue 2019-02-05
07:18:29 EET; 12min ago
Where: /mnt/data
What: //192.168.1.41/data
Docs: man:fstab(5)
man:systemd-fstab-generator(8)
Process: 756 ExecMount=/bin/mount //192.168.1.41/data
/mnt/data -t cifs -o
_netdev,credentials=/root/credsfile,uid=1000,gid=1000
(code=exited, status=32)
```

```
фев 05 07:18:29 note systemd[1]: Mounting /mnt/data...
фев 05 07:18:29 note mount[756]: mount error(101): Network is
unreachable
фев 05 07:18:29 note mount[756]: Refer to the mount.cifs(8)
manual page (e.g. man mount.cifs)
фев 05 07:18:29 note systemd[1]: mnt-data.mount: Mount process
exited, code=exited status=32
фев 05 07:18:29 note systemd[1]: mnt-data.mount: Failed with
result 'exit-code'.
фев 05 07:18:29 note systemd[1]: Failed to mount /mnt/data.
```

Решение. убираем `_netdev` и добавляем `auto,x-systemd.automount`, т.е.:

```
root@note:/etc# cat fstab
```

```
#//192.168.1.41/data          /mnt/data          cifs
_netdev,credentials=/root/credsfile,uid=1000,gid=1000 0 0
//192.168.1.41/share        /mnt/share        cifs      auto,x-
systemd.automount,credentials=/root/credsfile,uid=1000,gid=100
0 0 0
//192.168.1.41/video        /mnt/video        cifs      auto,x-
systemd.automount,credentials=/root/credsfile,uid=1000,gid=100
0 0 0
//192.168.1.41/data         /mnt/data         cifs      auto,x-
systemd.automount,credentials=/root/credsfile,uid=1000,gid=100
0 0 0
```