



SAMBA

SAMBA

***Samba** is a popular freeware program that allows end users to access and use files and printers.*

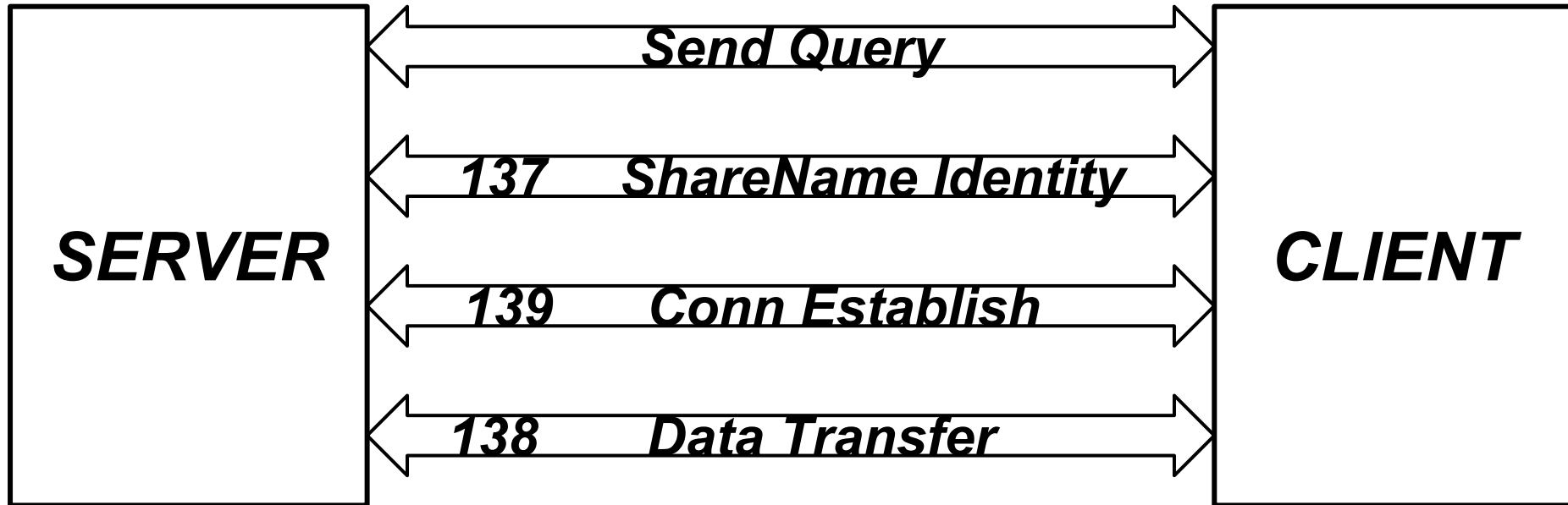
All modern versions of Windows come with Samba installed, and Samba is installed by default on most distributions of Linux.

SAMBA

*Samba itself is a client/server protocol of **SMB** and **CIFS***

Using windows smbclient (GUI) or file explorer, end users can connect to Samba server from any windows workstations to access shared files and printers.

SAMBA



SAMBA Requirements:

Package: - samba (Server) & cifs-utils*(Client)*

Service: - smb and nmb

Daemon: - smbd and nmbd Port: - 137, 138, 139

Main Conf file: - /etc/samba/smb.conf

SAMBA

SMB – Server Message Block

NMB – Network Message Block

CIFS - Common Internet File System

SAMBA (Server)

yum install samba -y*

firewall-cmd --permanent --add-service=samba

firewall-cmd --reload

systemctl enable smb nmb.service

systemctl start smb nmb.service

SAMBA (Server)

```
# mkdir /sk
```

```
# chmod 770 /sk
```

```
# ls -ldZ
```

```
# chcon -t samba_share_t /sk
```

```
# ls -ldZ
```


SAMBA (Server)

Create user with nologin shell

useradd -s /sbin/nologin dax

id dax

smbpasswd -a dax

*# passwd ******

SAMBA (Server)

pdbedit username (To check the samba user)

vim /etc/samba/smb.conf

Go to Last line

[linux] (Sharename)

Path = /sk (Directory Name)

SAMBA (Server)

Valid users = dax

Browseable= yes

:wq!

systemctl restart smb nmb.service

SAMBA (Client)

yum install cifs-utils -y

mkdir /data

mount //serverX/linux -o username=dax /data

passwd of smb

df -Th

SAMBA (Client)

cd /dax

ls

touch a (Permission denied)

Now add the RW permission.

SAMBA (Client)



Multuser SAMBA