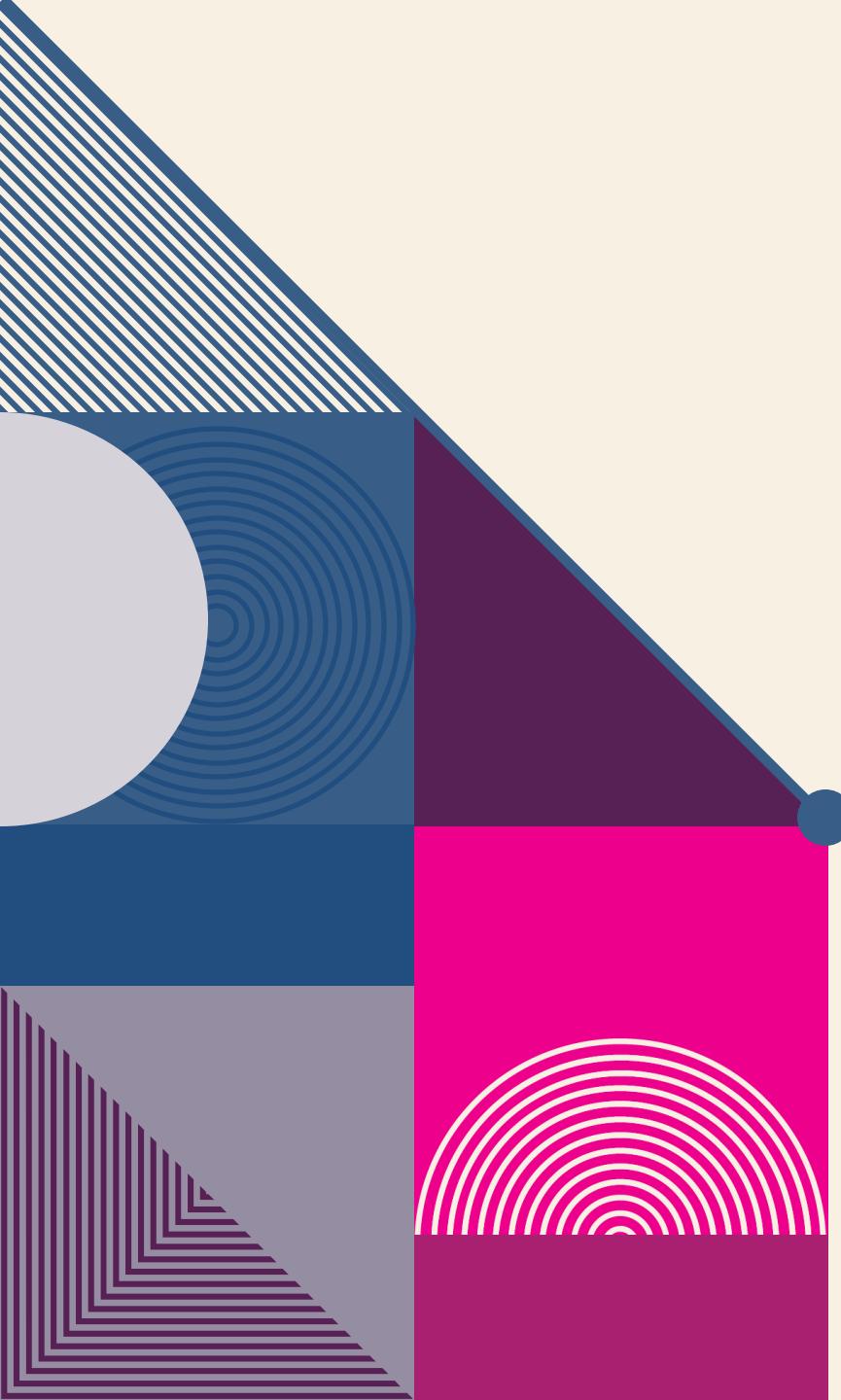




НАСТРОЙКА ФАЙЛОВЫХ СЛУЖБ SAMBA

Студент:
Астахова Марина Дмитриевна
Группа:
НПИБД02-23



ЦЕЛЬ РАБОТЫ

Приобретение навыков настройки
доступа групп пользователей к
общим ресурсам по протоколу SMB

НАСТРОЙКА СЕРВЕРА SAMBA

```
[astakhovamd@localhost.astakhovamd.net common]$ sudo -i  
[sudo] password for astakhovamd:  
[root@localhost.astakhovamd.net ~]# ^C  
[root@localhost.astakhovamd.net ~]# dnf -y install samba samba-client cifs-utils  
Last metadata expiration check: 4:17:45 ago on Tue 02 Dec 2025 12:02:28 PM UTC.  
Dependencies resolved.  
=====  


| Package             | Architecture | Version      | Repository | Size  |
|---------------------|--------------|--------------|------------|-------|
| <b>cifs-utils</b>   | x86_64       | 7.2-1.el9    | baseos     | 113 k |
| <b>samba</b>        | x86_64       | 4.22.4-6.el9 | baseos     | 929 k |
| <b>samba-client</b> | x86_64       | 4.22.4-6.el9 | appstream  | 760 k |

  
Installing:  


|                     |        |              |           |       |
|---------------------|--------|--------------|-----------|-------|
| <b>cifs-utils</b>   | x86_64 | 7.2-1.el9    | baseos    | 113 k |
| <b>samba</b>        | x86_64 | 4.22.4-6.el9 | baseos    | 929 k |
| <b>samba-client</b> | x86_64 | 4.22.4-6.el9 | appstream | 760 k |

  
Installing dependencies:  


|                               |        |              |        |       |
|-------------------------------|--------|--------------|--------|-------|
| <b>libnetapi</b>              | x86_64 | 4.22.4-6.el9 | baseos | 142 k |
| <b>samba-common-tools</b>     | x86_64 | 4.22.4-6.el9 | baseos | 483 k |
| <b>samba-dcerpc</b>           | x86_64 | 4.22.4-6.el9 | baseos | 718 k |
| <b>samba-ldb-ldap-modules</b> | x86_64 | 4.22.4-6.el9 | baseos | 34 k  |
| <b>samba-libs</b>             | x86_64 | 4.22.4-6.el9 | baseos | 123 k |

  
Transaction Summary  
=====  
Install 8 Packages  
  
Total download size: 3.2 M  
Installed size: 12 M  
Downloading Packages:  
[=====] --- B/s | 0 B --::: ETA  
The downloaded packages were saved in cache until the next successful transaction.  
You can remove cached packages by executing 'dnf clean packages'.  
Error: Error downloading packages:  
  Curl error (6): Couldn't resolve host name for https://mirrors.rockylinux.org/mirrorlist?arch=x86_64&repo=BaseOS-9 [Could not resolve host: mirrors.rockylinux.org]  
[root@localhost.astakhovamd.net ~]#
```

```
[root@localhost.astakhovamd.net ~]# groupadd -g 1010 sambagroup
```

```
[root@localhost.astakhovamd.net ~]# groupadd -g 1010 sambagroup  
[root@localhost.astakhovamd.net ~]# sudo usermod -aG sambagroup astakhovamd  
[root@localhost.astakhovamd.net ~]# mkdir-p /srv/sambashare  
bash: mkdir-p: command not found...  
[root@localhost.astakhovamd.net ~]# mkdir -p /srv/sambashare  
[root@localhost.astakhovamd.net ~]#
```

```
[root@localhost.astakhovamd.net ~]# sudo usermod -aG sambagroup astakhovamd  
[root@localhost.astakhovamd.net ~]# mkdir-p /srv/sambashare  
bash: mkdir-p: command not found...  
[root@localhost.astakhovamd.net ~]# mkdir -p /srv/sambashare  
[root@localhost.astakhovamd.net ~]# sudo sed -i 's/^workgroup = ./workgroup = ASTAKHOVAMD-NET/' /etc/samba/smb.conf  
[root@localhost.astakhovamd.net ~]# sudo tee -a /etc/samba/smb.conf << 'EOF'  
  
[sambashare]  
comment = My Samba Share  
path = /srv/sambashare  
write list = @sambagroup  
EOF  
  
[sambashare]  
comment = My Samba Share  
path = /srv/sambashare  
write list = @sambagroup  
[root@localhost.astakhovamd.net ~]# echo "== ПРОВЕРКА КОНФИГУРАЦИИ SAMBA =="  
echo "1. Рабочая группа:"  
grep "^workgroup" /etc/samba/smb.conf  
echo ""  
echo "2. Раздел sambashare:"  
grep -A5 "\[sambashare\]" /etc/samba/smb.conf  
== ПРОВЕРКА КОНФИГУРАЦИИ SAMBA ==  
1. Рабочая группа:  
  
2. Раздел sambashare:  
[sambashare]  
comment = My Samba Share  
path = /srv/sambashare  
write list = @sambagroup  
[root@localhost.astakhovamd.net ~]# sudo mkdir -p /srv/sambashare  
sudo chown -R astakhovamd:sambagroup /srv/sambashare  
sudo chmod 2770 /srv/sambashare  
[root@localhost.astakhovamd.net ~]# ls -la /srv/sambashare/  
total 0  
drwxrws---. 2 astakhovamd sambagroup 6 Dec 2 16:22 .  
drwxr-xr-x. 4 root root 35 Dec 2 16:22 ..  
[root@localhost.astakhovamd.net ~]# sudo smbpasswd -a astakhovamd  
sudo: smbpasswd: command not found  
[root@localhost.astakhovamd.net ~]#
```

```
[root@localhost.astakhovamd.net ~]# testparm  
bash: testparm: command not found...  
Install package 'samba-common-tools' to provide command 'testparm'? [N/y] y
```

```
* Waiting in queue...  
The following packages have to be installed:  
libnetapi-4.21.3-14.el9_6.x86_64      The NETAPI library  
samba-common-tools-4.21.3-14.el9_6.x86_64    Tools for Samba clients  
samba-ldb-ldap-modules-4.21.3-14.el9_6.x86_64  Samba ldap modules for ldb  
samba-libs-4.21.3-14.el9_6.x86_64      Samba libraries  
The following packages have to be downgraded:  
libipa_hbac-2.9.6-4.el9_6.2.x86_64      FreeIPA HBAC Evaluator library  
libldb-4.21.3-14.el9_6.x86_64      A schema-less, ldap like, API and database  
libsmbclient-4.21.3-14.el9_6.x86_64      The SMB client library  
libssss_certmap-2.9.6-4.el9_6.2.x86_64    SSSD Certificate Mapping Library  
libssss_idmap-2.9.6-4.el9_6.2.x86_64      FreeIPA Idmap library  
libssss_nss_idmap-2.9.6-4.el9_6.2.x86_64    Library for SID and certificate based lookups  
libssss_sudo-2.9.6-4.el9_6.2.x86_64      A library to allow communication between SUDO and SSSD  
libwbclient-4.21.3-14.el9_6.x86_64      The winbind client library  
samba-client-libs-4.21.3-14.el9_6.x86_64    Samba client libraries  
samba-common-4.21.3-14.el9_6.noarch      Files used by both Samba servers and clients  
samba-common-libs-4.21.3-14.el9_6.x86_64    Libraries used by both Samba servers and clients  
sssd-2.9.6-4.el9_6.2.x86_64      System Security Services Daemon  
sssd-ad-2.9.6-4.el9_6.2.x86_64      The AD back end of the SSSD  
sssd-client-2.9.6-4.el9_6.2.x86_64      SSSD Client libraries for NSS and PAM  
sssd-common-2.9.6-4.el9_6.2.x86_64      Common files for the SSSD  
sssd-common-pac-2.9.6-4.el9_6.2.x86_64    Common files needed for supporting PAC processing  
sssd-ipa-2.9.6-4.el9_6.2.x86_64      The IPA back end of the SSSD  
sssd-kcm-2.9.6-4.el9_6.2.x86_64      An implementation of a Kerberos KCM server  
sssd-krb5-2.9.6-4.el9_6.2.x86_64      The Kerberos authentication back end for the SSSD  
sssd-krb5-common-2.9.6-4.el9_6.2.x86_64    SSSD helpers needed for Kerberos and GSSAPI authentication  
n  
sssd-ldap-2.9.6-4.el9_6.2.x86_64      The LDAP back end of the SSSD
```

```
<?xml version="1.0" encoding="utf-8"?>  
<service>  
  <short>Samba</short>  
  <description>This option allows you to access and participate in Windows file and printer sharing networks. You need the samba package installed for this option to be useful.</description>  
  <include service="samba-client"/>  
  <port protocol="tcp" port="139"/>  
  <port protocol="tcp" port="445"/>  
</service>  
/usr/lib/firewalld/services/samba.xml (END)
```

НАСТРОЙКА СЕРВЕРА SAMBA

```
firewall-cmd--reload  
bash: firewall-cmd--add-service=samba: command not found...  
bash: firewall-cmd--add-service=samba--permanent: command not found...  
bash: firewall-cmd--reload: command not found...  
[astakhovamd@localhost.astakhovamd.net common]$ firewall-cmd --add-service=samba  
success  
[astakhovamd@localhost.astakhovamd.net common]$ firewall-cmd --add-service=samba--permanent  
Error: INVALID_SERVICE: samba--permanent  
[astakhovamd@localhost.astakhovamd.net common]$ firewall-cmd --add-service=samba --permanent  
success  
[astakhovamd@localhost.astakhovamd.net common]$ firewall-cmd --reload  
success  
[astakhovamd@localhost.astakhovamd.net common]$
```

```
[astakhovamd@localhost.astakhovamd.net common]$ sudo chgrp sambagroup /srv/sambashare  
[astakhovamd@localhost.astakhovamd.net common]$ ls -la /srv/sambashare/  
total 0  
drwxrws---. 2 astakhovamd sambagroup 6 Dec 2 16:22 .  
drwxr-xr-x. 4 root      root      35 Dec 2 16:22 ..  
[astakhovamd@localhost.astakhovamd.net common]$ sudo chmod g+s /srv/sambashare  
[astakhovamd@localhost.astakhovamd.net common]$ echo "==== ПРАВА ДОСТУПА К КАТАЛОГУ SAMBA ==="  
echo "Каталог: /srv/sambashare"  
echo ""  
echo "Текущие права:"  
ls -ld /srv/sambashare/  
echo ""  
echo "Расшифровка прав:"  
stat /srv/sambashare | grep -E "Access:|Uid:|Gid:"  
echo ""  
echo "Проверка группы:"  
getent group sambagroup  
==== ПРАВА ДОСТУПА К КАТАЛОГУ SAMBA ===  
Каталог: /srv/sambashare  
  
Текущие права:  
drwxrws---. 2 astakhovamd sambagroup 6 Dec 2 16:22 /srv/sambashare/  
  
Расшифровка прав:  
Access: (2770/drwxrws---)  Uid: ( 1001/astakhovamd)  Gid: ( 1010/sambagroup)  
Access: 2025-12-02 16:34:08.251250279 +0000  
  
Проверка группы:  
sambagroup:x:1010:astakhovamd  
[astakhovamd@localhost.astakhovamd.net common]$
```

```
[astakhovamd@localhost.astakhovamd.net common]$ cd /srv  
[astakhovamd@localhost.astakhovamd.net srv]$ ls -Z  
bash: ls-Z: command not found...  
[astakhovamd@localhost.astakhovamd.net srv]$ ls -Z  
unconfined_u:object_r:nfs_t:s0 nfs  unconfined_u:object_r:var_t:s0 sambashare  
[astakhovamd@localhost.astakhovamd.net srv]$
```

```
[astakhovamd@localhost.astakhovamd.net srv]$ sudo semanage fcontext -a -t samba_share_t "/srv/sambashare(/.*)?"  
[astakhovamd@localhost.astakhovamd.net srv]$
```

```
[astakhovamd@localhost.astakhovamd.net srv]$ sudo semanage fcontext -a -t samba_share_t "/srv/sambashare(/.*)?"  
[astakhovamd@localhost.astakhovamd.net srv]$
```

НАСТРОЙКА СЕРВЕРА SAMBA

```
[astakhovamd@localhost.astakhovamd.net srv]$ restorecon -vR /srv/sambashare  
Relabeled /srv/sambashare from unconfined_u:object_r:var_t:s0 to unconfined_u:object_r:samba_share_t:s0  
[astakhovamd@localhost.astakhovamd.net srv]$
```

```
[astakhovamd@localhost.astakhovamd.net srv]$ cd /srv  
[astakhovamd@localhost.astakhovamd.net srv]$ ls -Z  
unconfined_u:object_r:nfs_t:s0 nfs  unconfined_u:object_r:samba_share_t:s0 sambashare  
[astakhovamd@localhost.astakhovamd.net srv]$
```

```
[astakhovamd@localhost.astakhovamd.net srv]$ cd /srv  
[astakhovamd@localhost.astakhovamd.net srv]$ ls -Z  
unconfined_u:object_r:nfs_t:s0 nfs  unconfined_u:object_r:samba_share_t:s0 sambashare  
[astakhovamd@localhost.astakhovamd.net srv]$
```

```
[astakhovamd@localhost.astakhovamd.net srv]$ ls -Z
    unconfined_u:object_r:nfs_t:s0 nfs    unconfined_u:object_r:samba_share_t:s0 samba
[astakhovamd@localhost.astakhovamd.net srv]$ setsebool samba_export_all_rw 1

Could not change active booleans. Please try as root: Permission denied
[astakhovamd@localhost.astakhovamd.net srv]$ sudo -i
[root@localhost.astakhovamd.net ~]# setsebool samba_export_all_rw 1

[root@localhost.astakhovamd.net ~]# setsebool samba_export_all_rw 1-P
setsebool: illegal value 1-P for boolean samba_export_all_rw
[root@localhost.astakhovamd.net ~]# ^[[200~setsebool samba_export_all_rw 1 -P
bash: setsebool: command not found...
[root@localhost.astakhovamd.net ~]# sudo setsebool -P samba_export_all_rw on
[root@localhost.astakhovamd.net ~]# echo "==== SELINUX BOOLEAN ДЛЯ SAMBA ==="
echo "Текущие настройки:"
getsebool -a 2>/dev/null | grep samba || echo "Утилита getsebool не доступна"
==== SELINUX BOOLEAN ДЛЯ SAMBA ===
Текущие настройки:
samba_create_home_dirs --> off
samba_domain_controller --> off
samba_enable_home_dirs --> off
samba_export_all_ro --> off
samba_export_all_rw --> on
samba_load_libgfapi --> off
samba_portmapper --> off
samba_run_unconfined --> off
samba_share_fusefs --> off
samba_share_nfs --> off
sanlock_use_samba --> off
tmpreaper_use_samba --> off
use_samba_home_dirs --> off
virt_use_samba --> off
[root@localhost.astakhovamd.net ~]#
```

```
[root@localhost.astakhovamd.net ~]# id
uid=0(root) gid=0(root) groups=0(root) context=unconfined_u:unconfined_r:unconfined_t:s0-s0:c0.c1023
[root@localhost.astakhovamd.net ~]#
```

The screenshot shows a terminal window with two tabs. The left tab is titled 'astakhovamd@localhost:~' and the right tab is titled 'astakhovamd@localhost:/srv/sambashare'. The terminal content includes:

```
[astakhovamd@localhost.astakhovamd.net srv]$ ls -Z
    unconfined_u:object_r:nfs_t:s0 nfs    unconfined_u:object_r:samba_share_t:s0 samba
[astakhovamd@localhost.astakhovamd.net srv]$ setsebool samba_export_all_rw 1

Could not change active booleans. Please try as root: Permission denied
[astakhovamd@localhost.astakhovamd.net srv]$ sudo -i
[root@localhost.astakhovamd.net ~]# setsebool samba_export_all_rw 1

[root@localhost.astakhovamd.net ~]# setsebool samba_export_all_rw 1-P
setsebool: illegal value 1-P for boolean samba_export_all_rw
[root@localhost.astakhovamd.net ~]# ^[[200~setsebool samba_export_all_rw 1 -P
bash: setsebool: command not found...
[root@localhost.astakhovamd.net ~]# sudo setsebool -P samba_export_all_rw on
[root@localhost.astakhovamd.net ~]# echo "==== SELINUX BOOLEAN ДЛЯ SAMBA ==="
echo "Текущие настройки:"
getsebool -a 2>/dev/null | grep samba || echo "Утилита getsebool не доступна"
==== SELINUX BOOLEAN ДЛЯ SAMBA ===
Текущие настройки:
samba_create_home_dirs --> off
samba_domain_controller --> off
samba_enable_home_dirs --> off
samba_export_all_ro --> off
samba_export_all_rw --> on
samba_load_libgfapi --> off
samba_portmapper --> off
samba_run_unconfined --> off
samba_share_fusefs --> off
samba_share_nfs --> off
sanlock_use_samba --> off
tmpreaper_use_samba --> off
use_samba_home_dirs --> off
virt_use_samba --> off
[root@localhost.astakhovamd.net ~]#
```

НАСТРОЙКА СЕРВЕРА SAMBA

```
[astakhovamd@localhost.astakhovamd.net srv]$ cd /srv/sambashare
[astakhovamd@localhost.astakhovamd.net sambashare]$ touch astakhovamd@server.txt
[astakhovamd@localhost.astakhovamd.net sambashare]$ ls -la astakhovamd@server.txt
-rw-r--r--. 1 astakhovamd sambagroup 0 Dec 2 16:40 astakhovamd@server.txt
[astakhovamd@localhost.astakhovamd.net sambashare]$ sudo smbpasswd -L -a astakhovamd
[sudo] password for astakhovamd:
sudo: smbpasswd: command not found
[astakhovamd@localhost.astakhovamd.net sambashare]$ sudo smbpasswd -L -a astakhovamd
sudo: smbpasswd: command not found
[astakhovamd@localhost.astakhovamd.net sambashare]$ sudo dnf install samba samba-client policycoreutils-p
ython-utils
Last metadata expiration check: 4:39:23 ago on Tue 02 Dec 2025 12:02:28 PM UTC.
Package policycoreutils-python-utils-3.6-2.1.el9.noarch is already installed.
Dependencies resolved.
=====
 Package                               Architecture   Version      Repository  Size
=====
Installing:
  samba                                x86_64        4.22.4-6.el9   baseos      929 k
  samba-client                          x86_64        4.22.4-6.el9   appstream  760 k
Upgrading:
  policycoreutils                      x86_64        3.6-3.el9     baseos      205 k
  policycoreutils-python-utils          noarch       3.6-3.el9     appstream  70  k
  python3-policycoreutils              noarch       3.6-3.el9     appstream  2.0 M
Installing dependencies:
  libnetapi                            x86_64        4.22.4-6.el9   baseos      142 k
  samba-common-tools                   x86_64        4.22.4-6.el9   baseos      483 k
  samba-dcerpc                          x86_64        4.22.4-6.el9   baseos      718 k
  samba-ldb-ldap-modules               x86_64        4.22.4-6.el9   baseos      34  k
  samba-libs                            x86_64        4.22.4-6.el9   baseos      123 k
=====
Transaction Summary
=====
```

МОНТИРОВАНИЕ ФАЙЛОВОЙ СИСТЕМЫ SAMBA НА КЛИЕНТЕ

```
astakhovamd@localhost:~$ sudo dnf -y install samba-client cifs-utils
[sudo] password for astakhovamd:
Last metadata expiration check: 2:00:31 ago on Tue 02 Dec 2025 02:43:02 PM UTC.
Dependencies resolved.
=====
Package           Architecture Version      Repository    Size
=====
Installing:
  cifs-utils       x86_64      7.2-1.el9      baseos        113 k
  samba-client     x86_64      4.22.4-6.el9    appstream     760 k

Transaction Summary
=====
Install 2 Packages

Total download size: 873 k
Installed size: 3.0 M
Downloading Packages:
(1/2): cifs-utils-7.2-1.el9.x86_64.rpm      161 kB/s | 113 kB   00:00
(2/2): samba-client-4.22.4-6.el9.x86_64.rpm  565 kB/s | 760 kB   00:01
Total                                         422 kB/s | 873 kB   00:02

Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
  Preparing          :
  Installing         : samba-client-4.22.4-6.el9.x86_64          1/1
  Running scriptlet: samba-client-4.22.4-6.el9.x86_64          1/2
  Installing         : cifs-utils-7.2-1.el9.x86_64            1/2
  Running scriptlet: cifs-utils-7.2-1.el9.x86_64            2/2
  Verifying          : cifs-utils-7.2-1.el9.x86_64            1/2
  Verifying          : samba-client-4.22.4-6.el9.x86_64          2/2

Installed:
  cifs-utils-7.2-1.el9.x86_64
  samba-client-4.22.4-6.el9.x86_64
```

```
astakhovamd@localhost:~ — less /usr/lib/firewalld/services/sam...
<?xml version="1.0" encoding="utf-8"?>
<service>
  <short>Samba Client</short>
  <description>This option allows you to access Windows file and printer sharing networks. You need the samba-client package installed for this option to be useful.</description>
  <include service="netbios-ns"/>
  <port protocol="udp" port="138"/>
</service>
~
```

```
astakhovamd@localhost:~
```

astakhovamd@localhost:~ — less /...

astakhovamd@localhost:~

```
[astakhovamd@localhost.astakhovamd.net ~]$ sudo firewall-cmd --add-service=samba-client
sudo firewall-cmd --add-service=samba-client --permanent
sudo firewall-cmd --reload
[sudo] password for astakhovamd:
success
success
success
[astakhovamd@localhost.astakhovamd.net ~]$
```

МОНТИРОВАНИЕ ФАЙЛОВОЙ СИСТЕМЫ SAMBA НА КЛИЕНТЕ

```
[astakhovamd@localhost.astakhovamd.net ~]$ sudo groupadd -g 1010 sambagroup  
[astakhovamd@localhost.astakhovamd.net ~]$ sudo usermod -aG sambagroup astakhovam  
d  
[astakhovamd@localhost.astakhovamd.net ~]$ █
```

```
[astakhovamd@localhost.astakhovamd.net ~]$ sudo sed -i 's/^workgroup = .*/workgro  
up = ASTAKHOVAMD-NET/' /etc/samba/smb.conf  
[astakhovamd@localhost.astakhovamd.net ~]$
```

```
[astakhovamd@localhost.astakhovamd.net ~]$ # Попробуйте с пользователем astakhova  
md  
smbclient -L //localhost -U astakhovamd  
Password for [WORKGROUP\astakhovamd]:  
  
      Sharename      Type      Comment  
      -----      ----  
      public        Disk  
      IPC$          IPC       IPC Service (Samba 4.22.4)  
SMB1 disabled -- no workgroup available  
[astakhovamd@localhost.astakhovamd.net ~]$
```

```
• SMB1 disabled -- no workgroup available  
• [astakhovamd@localhost.astakhovamd.net ~]$ mkdir /mnt/samba  
mkdir: cannot create directory '/mnt/samba': Permission denied  
[astakhovamd@localhost.astakhovamd.net ~]$ sudo -i  
[root@localhost.astakhovamd.net ~]# mkdir /mnt/samba  
[root@localhost.astakhovamd.net ~]# sudo mkdir -p /mnt/samba  
sudo chown astakhovamd:astakhovamd /mnt/samba  
[root@localhost.astakhovamd.net ~]# # Узнайте вашу основную группу  
id astakhovamd  
  
# Или создайте группу sambagroup если нужно  
sudo groupadd sambagroup  
sudo usermod -aG sambagroup astakhovam  
d  
uid=1001(astakhovamd) gid=1001(astakhovamd) groups=1001(astakhovamd),10(wheel),12(mail),1010(sa  
mbagroup)  
groupadd: group 'sambagroup' already exists  
[root@localhost.astakhovamd.net ~]# mount -o username=astakhovamd,user,rw,uid=astakhovamd,gid=s  
ambagroup //localhost/public /mnt/samba  
Password for astakhovamd@//localhost/public:
```

МОНТИРОВАНИЕ ФАЙЛОВОЙ СИСТЕМЫ SAMBA НА КЛИЕНТЕ

```
[root@localhost.astakhovamd.net ~]# # Переидите в смонтированную папку
cd /mnt/samba

# Создайте файл
touch astakhovamd@client.txt

# Проверьте
ls -la astakhovamd@client.txt
-rw-r--r--. 1 root root 0 Dec  2 17:00 astakhovamd@client.txt
[root@localhost.astakhovamd.net samba]#
```

```
# Проверьте
ls -la astakhovamd@client.txt
-rw-r--r--. 1 root root 0 Dec  2 17:00 astakhovamd@client.txt
[root@localhost.astakhovamd.net samba]# umount /mnt/samba
umount: /mnt/samba: not mounted.
[root@localhost.astakhovamd.net samba]# # Создайте точку монтирования (если еще нет)
mkdir -p /mnt/samba

# Смонтируйте ресурс
mount -t cifs -o username=astakhovamd //localhost/public /mnt/samba
Password for astakhovamd@localhost/public:
[root@localhost.astakhovamd.net samba]# # Переидите в смонтированную папку
cd /mnt/samba

# Создайте файл
touch astakhovamd@client.txt

# Проверьте
ls -la astakhovamd@client.txt
-rwxr-xr-x. 1 root root 0 Dec  2 17:01 astakhovamd@client.txt
[root@localhost.astakhovamd.net samba]#
```

```
echo -e "\n4. Тестирование монтирования..."
sudo umount /mnt/samba 2>/dev/null
sudo mkdir -p /mnt/samba
fi echo "3. Доступность сервера\"$sers\"ovamd@client.txt)"
== Настройка автоматического монтирования Samba ==

1. Создание файла учетных данных...
Введите Samba пароль для astakhovamd:
username=astakhovamd
password=12345
Файл создан:
-rw-----. 1 root root 36 Dec  2 18:06 /etc/samba/smbusers

2. Настройка группы...

3. Добавление в /etc/fstab...
//localhost/public /mnt/samba cifs user,rw,uid=astakhovamd,gid=sambagroup,credentials=/etc/samba/smbusers,_netdev 0 0
Добавлено в fstab:
UUID=c84cce45-9089-48d9-9617-2fld1bd45fdd /xfs defaults 0 0
/swappfile none swap defaults 0 0
//localhost/public /mnt/samba cifs user,rw,uid=astakhovamd,gid=sambagroup,credentials=/etc/samba/smbusers,_netdev 0 0

4. Тестирование монтирования...
✓ Успешно смонтировано!
//localhost/public on /mnt/samba type cifs (rw,relatime,vers=3.1.1,cache=strict,username=astakhovamd,uid=0,noforceuid,gid=0,noforcegid,addr=0000:0000:0000:0000:0000:0001,file_mode=0755,dir_mode=0755,soft,nounix,serverino,mapposix,rsize=4194304,wsize=4194304,bsize=1048576,echo_interval=60,actimeo=1,closetimeo=1)

5. Тест записи...
✓ Файл создан успешно
Содержимое: Тест fstab
-rwxr-xr-x. 1 root root 15 Dec  2 18:06 astakhovamd@client.txt
[root@localhost.astakhovamd.net samba]#
```

ВНЕСЕНИЕ ИЗМЕНЕНИЙ В НАСТРОЙКИ ВНУТРЕННЕГО ОКРУЖЕНИЯ ВИРТУАЛЬНЫХ МАШИН

```
#!/bin/bash

LOGIN= astakhovamd
PASS=12345

echo "Provisioning script $0"
echo "Install needed packages"

dnf-y install samba samba-client cifs-utils
echo "Copy configuration files"

cp-R /vagrant/provision/server/smb/etc/* /etc
chown-R root:root /etc/samba/*
restorecon-vR /etc
echo "Configure firewall"

firewall-cmd--add-service samba--permanent
firewall-cmd--reload

echo "Users and groups"
groupadd-g 1010 sambagroup
usermod-aG sambagroup $LOGIN
echo-ne "$PASS\n$PASS\n" | smbpasswd-L-a-s $LOGIN
echo "Make share dir"
mkdir-p /srv/sambashare
chgrp sambagroup /srv/sambashare
chmod g=rwx /srv/sambashare
echo "Tuning SELinux"
semanage fcontext-a-t samba_share_t "/srv/sambashare(/.*)?"
setsebool samba_export_all_rw 1
setsebool samba_export_all_rw 1-P
restorecon-vR /srv/sambashare
echo "Start smb service"
systemctl enable smb
systemctl start smb
systemctl restart firewalld
```

```
#!/bin/bash

LOGIN= astakhovamd
echo "Provisioning script $0"

mkdir-p /mnt/samba

echo "Install needed packages"
dnf-y install samba-client cifs-utils
echo "Copy configuration files"

cp-R /vagrant/provision/client/smb/etc/* /etc
chown-R root:root /etc/samba/*
restorecon-vR /etc

echo "Configure firewall"
firewall-cmd--add-service samba-client--permanent
firewall-cmd--reload

echo "Users and groups"
groupadd-g 1010 sambagroup
usermod-aG sambagroup $LOGIN

echo "Mounting dirs"
mkdir-p /srv/sambashare

echo "//server/sambashare /mnt/samba cifs
user,rw,credentials=/etc/samba/smbusers,uid=user,
gid=sambagroup,_netdev 0 0" >> /etc/fstab
restorecon-vR /etc

umount /mnt/samba
mount /mnt/samba
```

```
server.vm.provision "SMB server",
  type: "shell",
  preserve_order: true,
  path: "provision/server/smb.sh"
end
```

```
client.vm.provision "SMB client",
  type: "shell",
  preserve_order: true,
  path: "provision/client/smb.sh"
end
end
```

Спасибо за внимание!