

Samba

-
- The diagram illustrates a network topology. A central node labeled 'samba' is connected to several other nodes. On the left, there is a vertical column of five nodes: three solid black circles at the top and two open circles below them. On the right, there is a vertical column of five open circles. The 'samba' node is positioned between these two columns, connected to the second open circle from the top in both columns.
- Samba + FreeIPA Samba Kerberos
 - CIFS (samba DFS)
 - Samba

samba ([MIT Kerberos](#)) Astra Linux, .
 , samba - fly-admin-samba.
 samba [Heimdal Kerberos](#) .

```
synaptic, .
fly-admin-samba, samba :
```

```
sudo apt install fly-admin-samba
```

"" > "" > "" > "" (Samba)"

$$\vdots$$

① "" > "" > "" > "" (Samba)"

samba:

- Kerberos:

 , *

$$\begin{matrix} & \cdot \\ , & \cdot \end{matrix}$$

1. , (, /srv/share):

```
sudo mkdir /srv/share
```

2. 0775 nobody ("") nogroup (""):



- Astra Linux Special Edition .10015-01 (1.7), .10015-10
- Astra Linux Special Edition .10015-17
- Astra Linux Special Edition .10015-37 (7.7)
- Astra Linux Special Edition .10015-03 (7.6)
- Astra Linux Special Edition .10152-02 (4.7)
- Astra Linux Special Edition .10015-01 (1.6)
- Astra Linux Special Edition .10015-16 . 1
- Astra Linux Special Edition .10015-16 . 2
- Astra Linux Special Edition .10265-01 (8.1)
- Astra Linux Common Edition 2.12

```
sudo chown nobody:nogroup /srv/share
sudo chmod 775 /srv/share
```

3. /etc/samba/smb.conf :

a. , [global] map to guest, Bad User, - :

```
map to guest = Bad User
```

, , ;

b. :

```
[share]
comment = < >
guest ok = yes
force user = nobody
force group = nogroup
path = /srv/share
read only = no
```



force user force group nobody ("") nogroup (""), , : , , nobody:nogroup , .

read only :

```
read only = yes
```

4. :

```
testparm
```

5. samba, :

```
sudo systemctl restart smb
```

samba - /etc/samba/smb.conf - .



/etc/samba/smb.conf

, samba (smbd), nmbd, netbios:

```
sudo systemctl restart smbd nmbd
```

samba

- , samba, ,

```
smbtree
```

, (, .) samba, .

- smbclient:
 - hostname:

```
smbclient -L hostname
```

- share hostname:

```
smbclient -N \\\hostname\\share
```

, . help

"" _ " " , , .

.

cifs-utils, , :

```
sudo apt install cifs-utils
```

mount, :

```
sudo mount -t cifs //10.0.10.201/share /mnt -o users,sec=none
```

:

- //10.0.10.201/share - "share" 10.0.10.201
- /mnt -

, , /etc/fstab :



```
//10.0.10.201/share /mnt cifs credentials=/root/.smbclient,rw,nosharesock,vers=1.0,soft,noperm 0 0
```

:

noauto	(mount -a).
credentials=	, samba . : username=samba_user_name password=samba_user_password domain=astra.ru domain , . /etc/fstab (username= password=), , , /etc/fstab , , .

noperm	. , Unix- CIFS (CIFS Unix Extensions), / , . (ACL) , (ACL).
nosharesock	().
rw	.
ro	.
soft	, , , . .
user	.
vers=	SMB. 1.0.

autofs