

Samba

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- The diagram illustrates a network topology. On the left, there are three nodes represented by black dots, arranged vertically. These nodes are connected to a central node on the right, which is represented by an open circle and labeled 'samba' in blue text. The connections are shown as thin lines. Below the 'samba' node, there are four more open circles stacked vertically, but they are not connected to any other nodes.
- Samba + FreeIPA Samba Kerberos
 - CIFS (samba DFS)
 - Samba

- 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

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

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

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

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

$$\vdots$$

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

samba:

- Kerberos:

 , *

;

1. , (, /srv/share):

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

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

```
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 smbd
```

`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