

() Samba

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- 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 2.12.43

() Samba DC Samba .

Astra Linux:

- 1:
 - : dc0 (dc0.astra.dc);
 - IP-: 192.168.56.49;
- 2:
 - : dc1 (dc1.astra.dc);
 - IP-: 192.168.56.50;

astra.dc. Samba [BIND9](#).

, :

- astra-smbadc (. [Astra Linux](#) [Samba AD Windows AD](#));
- [BIND9](#) (-b astra-smbadc);
- DNS .
- /etc/hosts 127.0.0.1;

1. :

```
sudo apt install astra-smbadc bind9
```

2. :

```
sudo hostnamectl set-hostname dc0
```

3. DNS (. [Astra Linux](#)). /etc/resolv.conf (-):

```
nameserver 192.168.56.49
```

192.168.56.49 - IP- ;

4. :

```
sudo astra-smbadc -d astra.dc -px -y -b
```

```
:  
-d astra.dc - ;  
-px - ;  
-y - ;  
-b - BIND9;
```

5. :

```
sudo reboot
```

6. :

```
a. , /etc/resolv.conf . - , ;  
b. :, :
```

```
sudo systemctl list-units --failed
```

```
0 loaded units listed. Pass --all to see loaded but inactive  
units, too.  
To show all installed unit files use 'systemctl list-unit-files'.
```

1. :

```
sudo apt install astra-smbadcd bind9
```

2. :

```
sudo hostnamectl set-hostname dc1
```

3. DNS (. [Astra Linux](#)). /etc/resolv.conf , , (:

```
nameserver 192.168.56.49
```

4. /etc/hosts , 127.0.1.1, :

```
192.168.56.50 dc1
```

5. DNS (DNS):

a. DNS, :

```
samba-tool dns zonecreate dc0.astra.dc 56.168.192.in-addr.arpa -U  
Administrator
```

```
Password for [ASTRA\Administrator]:  
Zone 56.168.192.in-addr.arpa created successfully
```

b. IP- DNS:

```
samba-tool dns add dc0.astra.dc astra.dc dc1 A 192.168.56.50 -U  
Administrator
```

```
Password for [WORKGROUP\Administrator]:  
Record added successfully
```

6. , .:

```
dig dc0.astra.dc
```

```
dig dc1.astra.dc
```

```
, ;
```

7. winbind, smbd, nmbd krb5-kdc:

```
sudo systemctl stop winbind smbd nmbd krb5-kdc
sudo systemctl mask winbind smbd nmbd krb5-kdc
```

8. samba-ad-dc:

```
sudo systemctl unmask samba-ad-dc
sudo systemctl enable samba-ad-dc
```

9. /etc/krb5.conf :

```
[libdefaults]
    default_realm = ASTRA.DC
    dns_lookup_realm = true
    dns_lookup_kdc = true
[realms]
ASTRA.LAN = {
    default_domain = astra.dc
}
[domain_realm]
    dc = astra.dc
```

10. Kerberos- :

```
kinit Administrator
```

11. () /etc/samba/smb.conf:

```
sudo mv /etc/samba/smb.conf /etc/samba/smb.conf.initial
```

12. :

```
sudo samba-tool domain join astra.dc DC -U Administrator --realm=astra.
dc --dns-backend=BIND9_DLZ
```

```
:
```

```
Joined domain ASTRA (SID S-1-5-21-3226316390-2541821163-4149523140) as a DC
```

13. BIND9 :

- a. /var/lib/samba/bind-dns/named.conf /etc/bind/named.conf:

```
echo 'include "/var/lib/samba/bind-dns/named.conf";' | sudo tee -a
/etc/bind/named.conf
```

- b. :

```
sudo chown -R root:bind /var/lib/samba/bind-dns
```

c. BIND9:

```
sudo systemctl restart bind9
```

14. DNS (. [Astra Linux](#)). /etc/resolv.conf IP- :

```
nameserver 192.168.56.50
```

15. :

```
sudo reboot
```

16. :

a. , /etc/resolv.conf . - , ;
b. :, :

```
sudo systemctl list-units --failed
```

0 loaded units listed. Pass --all to see loaded but inactive units, too.
To show all installed unit files use 'systemctl list-unit-files'.

c. , :
i. :

```
samba-tool drs replicate dc1.astra.dc dc0.astra.dc dc=astra,  
dc=dc -U Administrator
```

Password for [ASTRA\Administrator]:
Replicate from dc0.astra.dc to dc1.astra.dc was successful.

ii. :

```
samba-tool drs replicate dc0.astra.dc dc1.astra.dc dc=astra,  
dc=dc -U Administrator
```

Password for [ASTRA\Administrator]:
Replicate from dc1.astra.dc to dc0.astra.dc was successful.

1. testuser:

```
sudo samba-tool user create testuser
```

2. , , :

```
sudo samba-tool user list
```

dns-dc0
Administrator
dns-DC1

Guest
krbtgt
testuser