

FreeIPA

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 - [FreeIPA](#)
 - [Web-](#)
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- [FreeIPA Astra Linux](#)
 - [NFSv2 NFSv3](#)
 - [NFS Kerberos FreeIPA](#)



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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

), . (). NFS, -fstype . , FreeIPA. /etc/fstab. FreeIPA - SSSD. FreeIPA autofs (. man 5 autofs,). FreeIPA.

FreeIPA , FreeIPA . , () FreeIPA .

, , . . , /home /home (()). pam_mount. . . . , . ∴

- [FreeIPA](#) ;
- [NFS Kerberos FreeIPA](#).

, CIFS (- Kerberos) , NFS . , CIFS Astra Linux Special Edition (,), , . , CIFS.

NFS NFSv4 (-type=nfs4).

:

- (location);
- (master);
- ;
- .

:

- **(location)**. . FreeIPA . FreeIPA default. , . ():

```
ipa automountlocation-find
```

, , :


```
ipa automountmap-find default
```

- default - ;
- **(master)**. . . - auto.master. - . (), .
- . - "/-"

```
/- auto.direct
```

, - , :

```
-fstype=cifs,sec=krb5i ://ipa0.ipadomain0.ru/srv
```

 CIFS, NFS, : ipa0.ipadomain0.ru:/srv/

- . -, , . -:

```
/share          auto.share
```

```
-, , . , auto.share :
```

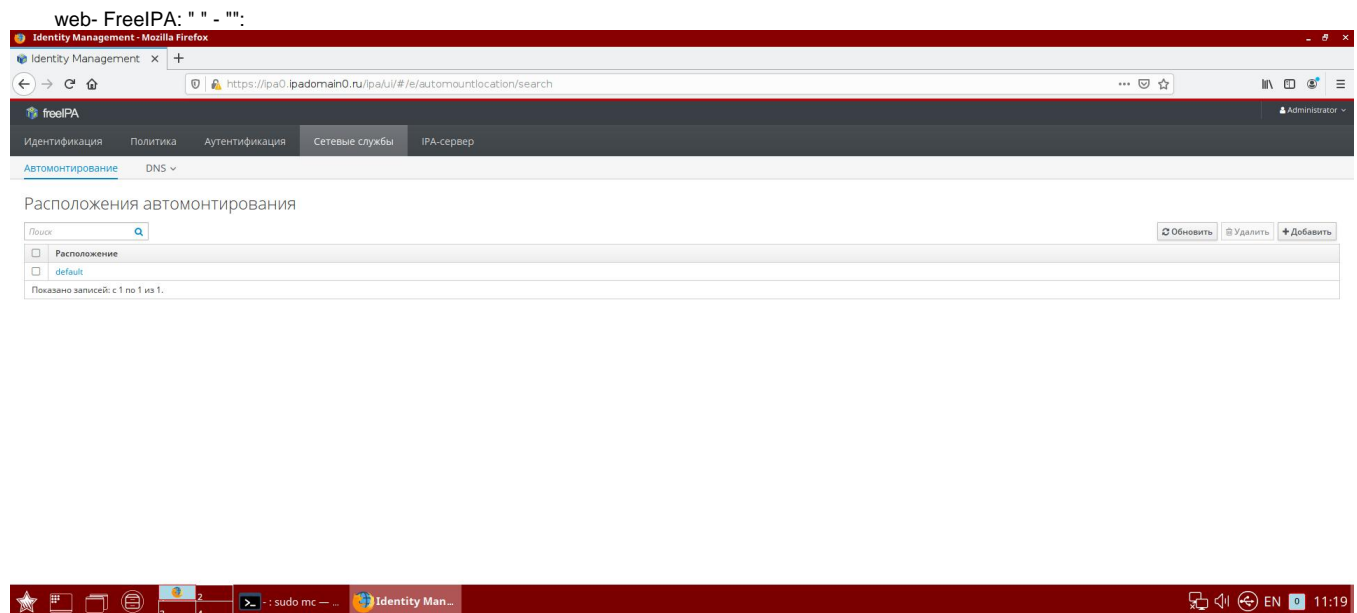
```
pub filer.example.com:/export/pub
mirror nfs.example.com:/mnt/mirror
```

, - (/share), NFS /share/pub /share/mirror.

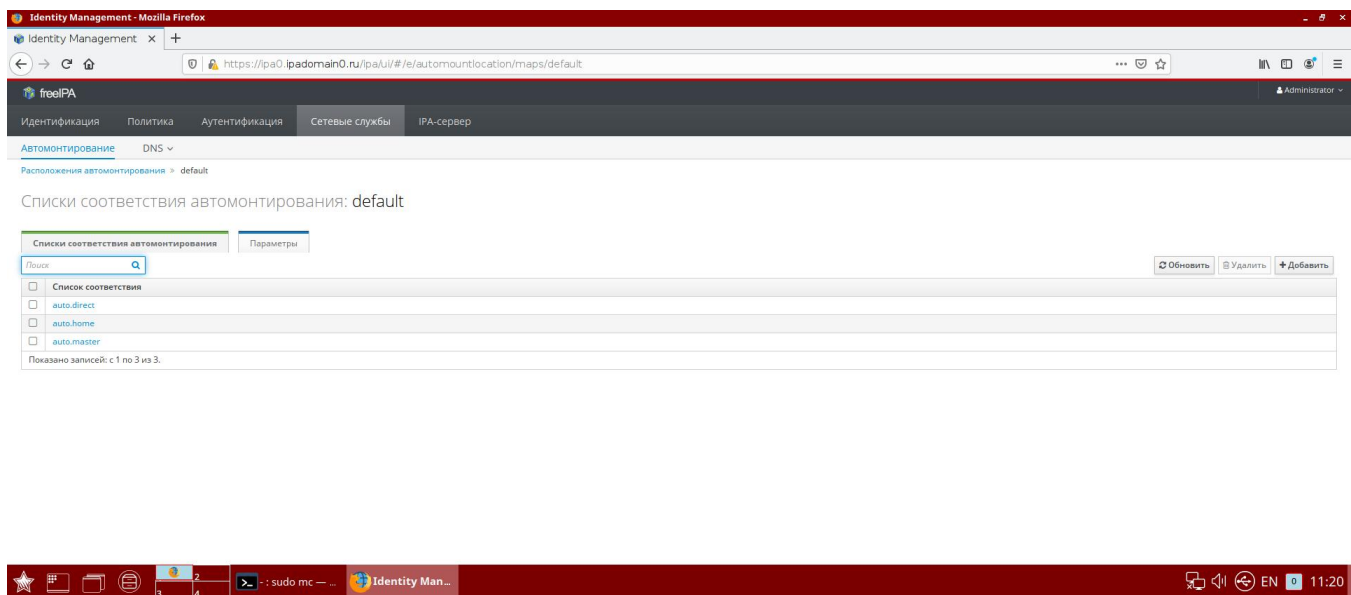
FreeIPA

Web-

web- FreeIPA: " " - "".



FreeIPA (") "default", -, auto.direct auto.home:



ipa help automount

:

```
automountkey-add
automountkey-del
automountkey-find
automountkey-mod
automountkey-show
automountlocation-add
automountlocation-del
automountlocation-find
automountlocation-import
automountlocation-show
automountlocation-tofiles
automountmap-add
automountmap-add-indirect
automountmap-del
automountmap-find
automountmap-mod
automountmap-show
```

NFS . [NFS](#) [Kerberos](#) [FreeIPA](#).

Samba . [Samba + FreeIPA](#) [Samba](#) [Kerberos](#).

:

1. :



CIFS NFS , Kerberos Kerberos:

- NFS Kerberos , /tmp/krb5ccmachine_REALM;
- CIFS Kerberos , , KEYRING, , , .

a. CIFS :

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

b. NFS:

i. :

```
sudo apt install autofs nfs-common
```

ii. rpc-svcgssd.service:

1. Kerberos (,):

```
sudo kinit admin
```

2. nfs/<_> (freeipa-admintools,):

```
sudo ipa service-add nfs/`hostname`
```

3. /etc/krb5.keytab ():

```
sudo ipa-getkeytab -p nfs/`hostname` -k /etc/krb5.keytab
```

2. :

- FreeIPA (. [FreeIPA Astra Linux](#)), --automount-location=<__>;
- FreeIPA, (default):

```
sudo ipa-client-automount --location=default
```

3. , , (. [FreeIPA](#) [NFS Kerberos FreeIPA](#)).



4. , /etc/nsswitch.conf (, FreeIPA):

```
automount: files sss
```



, (Live-CD).