

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



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- 2 (DogTag - 4).



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FreeIPA . FreeIPA .

1. **FreeIPA (FreeIPA)** , .
2. , , .
3. **FreeIPA** Astra Linux Special Edition c AstraMode web- Apache2.

FreeIPA (. [FreeIPA](#) [Astra Linux](#)):

- :
 - DogTag (, **Astra Linux Common Edition**);
 - DogTag (, **Astra Linux Special Edition**);
- IP- 10.0.2.102;
- (FQDN) ipa.ipadomain.ru;
- FreeIPA admin;

FreeIPA:

- 10.0.2.103;
- FQDN replica.ipadomain.ru;

:

- ;
- ;
- DogTag , :
- ;
 - ;
- FreeIPA;
- -;

1. FreeIPA, Kerberos:

kinit admin

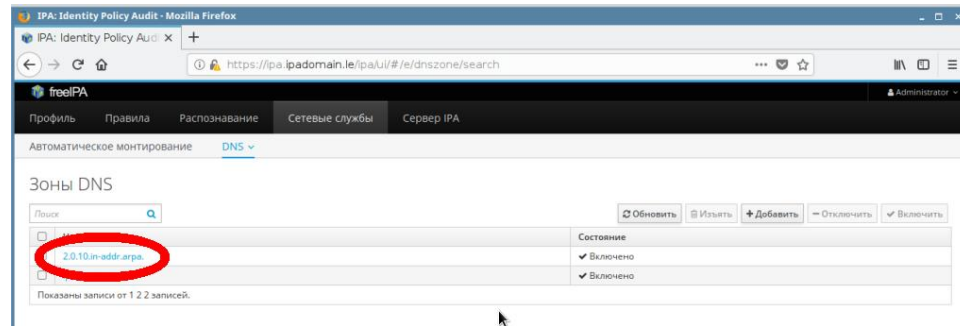
2. , . :

a. WEB- FreeIPA:

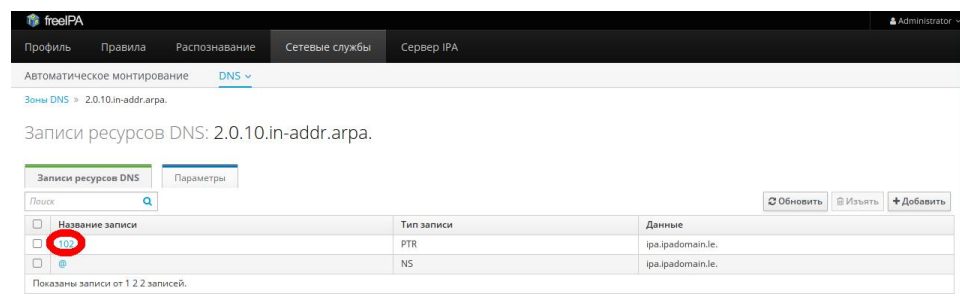
 " " => "DNS" => " DNS"

b. , :

i. DNS FreeIPA DNS 2.0.10.in-addr.arpa.:



ii. 10.0.2.102:



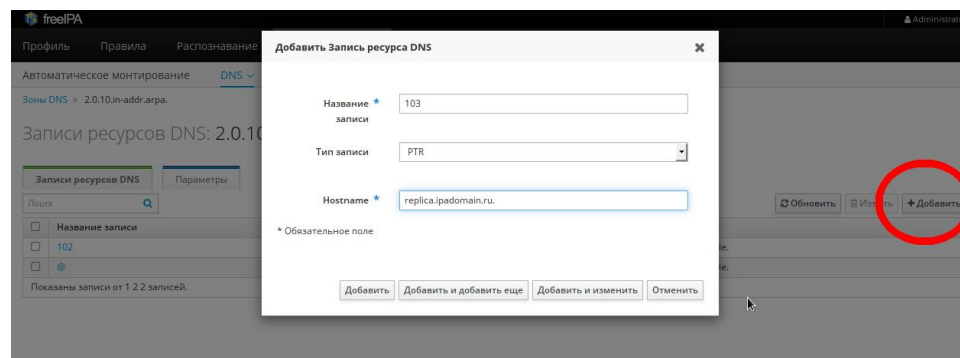
iii. FreeIPA - .

iv. :

- ""
- 103 (103 10.0.2.0/24)
- "PTR" ()
- Hostname replica.ipadomain.ru.

 !

• ""



, . :



```
sudo ipa dnsrecord-add 2.0.10.in-addr.arpa 103 --ptr-rec "replica.ipadomain.ru."
```

- c. DogTag, [astra-freeipa-server-crt](#) - [FreeIPA XCA](#):

1. (FQDN). replica.ipadomain.ru:

```
hostnamectl set-hostname replica.ipadomain.ru
```

2. :

- a. /etc/hosts



```
10.0.2.103 replica.ipadomain.ru replica
```



IPv6 ;

- b. NetworkManager IP- 10.0.2.103 DNS 10.0.2.102.

- c. , .

3. :

```
apt install astra-freeipa-server astra-freeipa-client
```

4. FreeIPA, (,)::

```
astra-freeipa-client -d ipadomain.ru
```

5. ():

- a. Astra Linux Common Edition Astra Linux Special Edition DogTag:

```
astra-freeipa-replica --dogtag
```

- b. Astra Linux Special Edition DogTag -, :

```
astra-freeipa-replica -a replica.p12 --pin 12345678
```

replica.p12 - , 12345678 - (PIN-) .

- ipaservers (Kerberos):

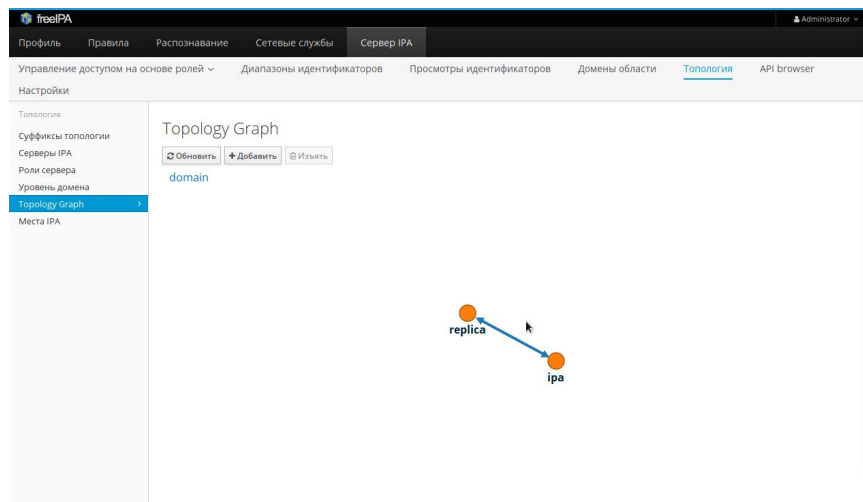
```
kinit admin
ipa hostgroup-show ipaservers
```

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: ipaservers
: IPA server hosts
-: ipa.ipadomain.ru, replica.ipadomain.ru

WEB- FreeIPA - ("IPA" => "" => "Topology Graph"):



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1. , :
 - a. web- FreeIPA:
 - i. WEB- , .
 - ii. web- .
 - iii. : "IPA-" "".
 - iv. .
 - v. " ".
 - vi. " " "DNS" " DNS" ().
 - vii. , .
 - b. :
 - i. Kerberos .
 - ii. :

```
ipa server-del <__>
```

- iii. DNS :

```
ipa dnsrecord-del <_> <__> --del-all
```

<__> — .

2. :

- a. (LVM,).
- b. :
 - i. :
sudo astra-freeipa-server -U
 - ii. .
 - iii. , :

```
sudo apt purge astra-freeipa-server astra-freeipa-client sssd  
krb5-kdc krb5-pkinit apache2 bind9 --autoremove
```