FreeIPA Astra Linux

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  - FreeIPA
  - FreeIPA
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  - fly-admin-freeipa-server
    - DogTag
      - Astra Linux Common Edition Astra Linux Special Edition x.7
      - Astra Linux Special Edition x.7
  - astra-freeipa-server
    - DogTag
    - DogTag
- web- FreeIPA
- FreeIPA
- 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) (DogTag)
- Astra Linux Special Edition .10015-16 . 1 .2 (DogTag)
- Astra Linux Special Edition .10265-01 (8.1) (DogTag)
- Astra Linux Common Edition 2.12

DogTag Astra Linux Special Edition x.7 , . Astra Linux Special Edition x.7: , .

- FreeIPA
- DNS FreeIPA
- FreeIPA - Active Directory
- FreeIPA:
- FreeIPA: DogTag Astra Linux Common Edition
- FreeIPA XCA DogTag
- FreeIPA:

FreeIPA *(**Free** **I**dentity, **P**olicy and **A**udit)* — (), .. , . FreeIPA :

- 389 Directory Server;
- MIT's Kerberos;
- BIND DHCP DNS .
- DogTag ();
- Apache Python;

FreeIPA Samba Microsoft Active Directory Microsoft Windows Apple Macintosh.

!

FreeIPA . FreeIPA .

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

FreeIPA

- () FreeIPA . , , , domain, testdomain, mydomian. , :

  domain.net
  testdomain.test.lan
  mycompany.ru

  . .

- , , IP- (,), « » (-o astra-freeipa-server « (/DNS)» « » fly-admin-freeipa-server). « ». , IP-, nslookup dig (dnsutils), :

```
nslookup <_>
```

```
dig <_>
```

- ;
- . , FreeIPA , , , , .
- , .

FreeIPA

FreeIPA :

- FreeIPA (,) , 2 ;
- IP-, ;
- IP- DNS (. Astra Linux);

> IP- ( ) DHCP (. DHCP), DNS, ( ). DHCP ( ), DNS DHCP ( ).

- DNS DNS (, , -);
- , DNS /etc/resolv.conf:

```
cat /etc/resolv.conf
```

> /etc/hostname (FQDN) , astraipa.astradomain.ad. /etc/hosts DNS, /etc/hosts . DNS /etc/hosts " ", <IP-> + FQDN + . FreeIPA .

:

```
sudo hostnamectl set-hostname <_>
```

> , IPv6, (. IPv6: , IPv6)

- , Astra Linux .

FreeIPA Astra Linux. synaptic, :

- :

```
sudo apt install fly-admin-freeipa-server
```

- :

```
sudo apt install astra-freeipa-server
```

Astra Linux Common Edition DogTag.

Astra Linux Special Edition DogTag dogtag-pki. . :

- FreeIPA: DogTag Astra Linux Special Edition x.7;
- FreeIPA: DogTag Astra Linux Special Edition 1.6.

, "". fly-admin-freeipa-server :

"" - " " - "" - " FreeIPA server fly"

FreeIPA :

- : `astradomain.ad`;
- :
  - : `astraipa`
  - (FQDN): `astraipa.astradomain.ad`

:

- Astra Linux Special Edition x.7 Astra Linux Special Edition DogTag
- Astra Linux DogTag.

fly-admin-freeipa-server

fly-admin-freeipa-server :

```
fly-admin-freeipa-server
```

, :

- «» - . astradomain.ad;
- « » - . , astraipa;
- «» - . web- FreeIPA, FreeIPA;

FreeIPA «».

.

web- web- FreeIPA, web- FreeIPA . web- .

DogTag

FreeIPA DogTag , x86-64 PKISPAWN_STARTUP_TIMEOUT_SECOND 600. . .

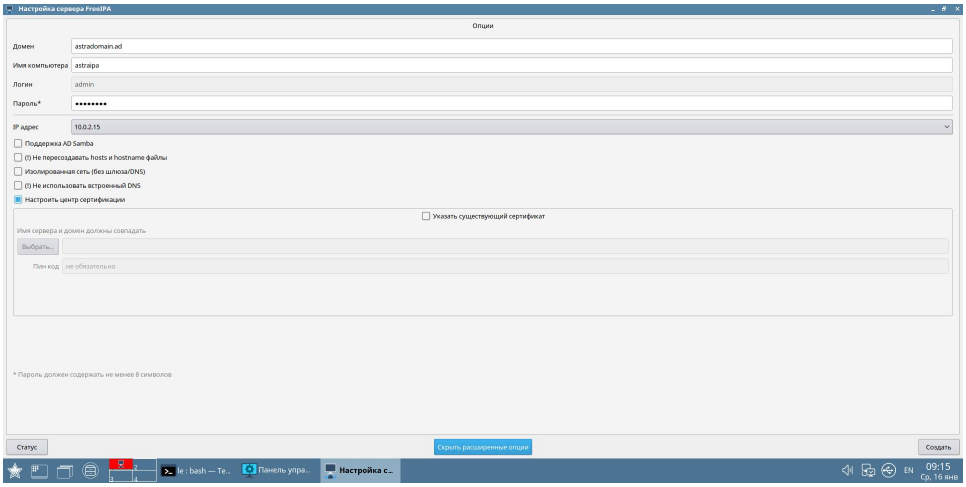
Astra Linux Common Edition Astra Linux Special Edition x.7

FreeIPA DogTag . . .

FreeIPA DogTag fly-admin-freeipa-server:

1. ;
2. " ";

3. " ":



Astra Linux Special Edition x.7

. FreeIPA: DogTag Astra Linux Special Edition 1.6.

astra-freeipa-server

FreeIPA astra-freeipa-server :

```
sudo astra-freeipa-server
```

. , (. astra-freeipa-server --help), :

```
sudo astra-freeipa-server -o
```

, , :

compname= astraipa
domain= astradomain.ad
ip address = 192.168.32.97 ip -ip
? (y\n)

«y» Enter.

. web- FreeIPA, FreeIPA.

FreeIPA . . :

Restarting Directory Service
...
ipa: INFO: The ipactl command was successful

host = astraipa.astradomain.ad
basedn = dc=astradomain,dc=ad
domain = astradomain.ad
xmlrpc_uri = https://astraipa.astradomain.ad/ipa/xml
WEB: https://astraipa.astradomain.ad

.

web- FreeIPA , . web- .

DogTag

FreeIPA DogTag --dogtag, :

```
sudo astra-freeipa-server -o --dogtag
```

DogTag

FreeIPA DogTag --ssl, :

```
sudo astra-freeipa-server -o --ssl
```

web- FreeIPA

web- , .

, , , web-.
, , , . :

- «»
- « »
- « »

WEB/- FreeIPA.

web- , . , astra-freeipa-client, .

, web- — , web- :

- HTTPS («https://», , : https://astraipa.astradomain.ad);
- FreeIPA (, : https://localhost https://127.0.0.1)

FreeIPA

FreeIPA ipactl. . , Astra Linux Common Edition :

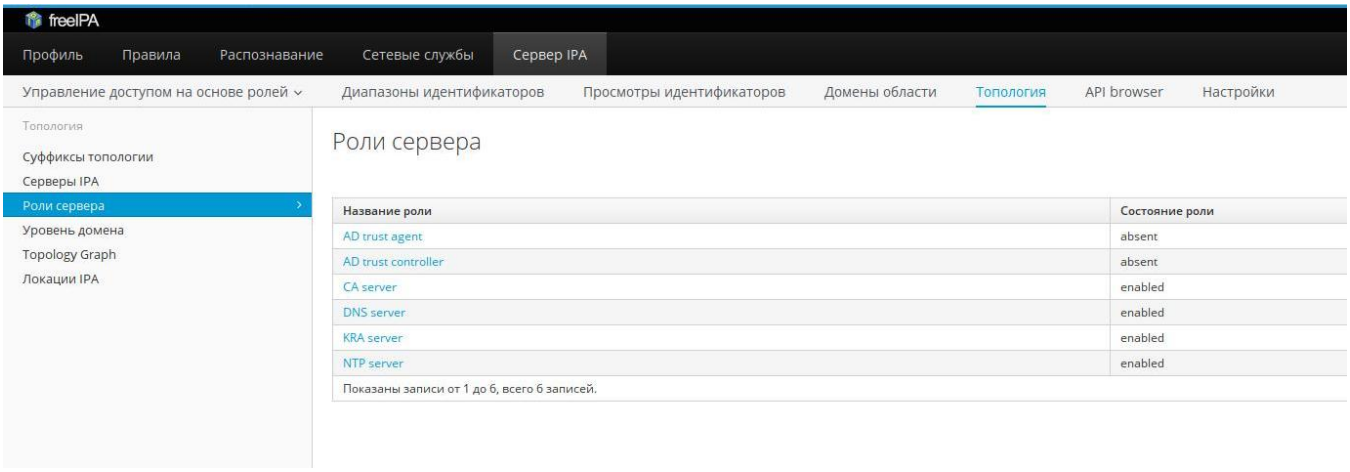
```
sudo ipactl status
```

```
Directory Service: RUNNING
krb5kdc Service: RUNNING
kadmin Service: RUNNING
named Service: RUNNING
ipa_memcached Service: RUNNING
httpd Service: RUNNING
ipa-custodia Service: RUNNING
ntpd Service: RUNNING
pki-tomcatd Service: RUNNING
ipa-otpd Service: RUNNING
ipa-dnskeysyncd Service: RUNNING
ipa: INFO: The ipactl command was successful
```

. :

- Astra Linux Special Edition x.7 ntpd chrony;
- DogTag (Astra Linux Special Edition), pki-tomcatd;
- samba winbind, (. Samba + FreeIPA Samba Kerberos).

web- FreeIPA ("FreeIPA" => "" => " "), :



FreeIPA

FreeIPA astra-freeipa-server, FreeIPA Astra Linux. :

```
sudo astra-freeipa-server -U
```

FreeIPA ("") .