

FreeIPA Astra Linux

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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 Identity, Policy and Audit*) — (), .. , . 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"

- :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;

web- web- FreelPA, web- FreelPA . web- .

DogTag

 FreelPA DogTag , x86-64 PKISPAWN_STARTUP_TIMEOUT_SECOND 600. . .

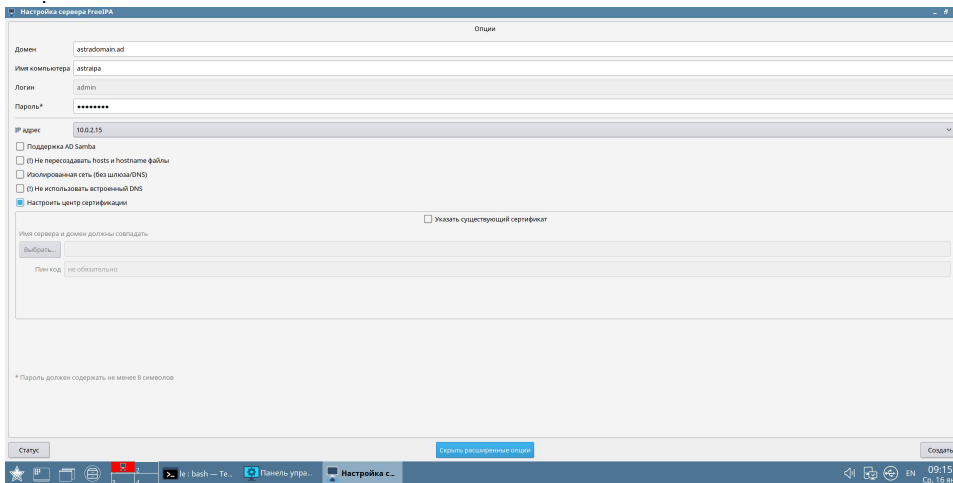
Astra Linux Common Edition Astra Linux Special Edition x.7

! 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
```

, , :

i compname= astraipa
domain= astradomain.ad
ip address = 192.168.32.97 ip -ip
? (y\N)
«y» Enter.

. web- FreeIPA, FreeIPA.

FreeIPA . . :

i 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" => "" => " "), :

freelPA

ПрофильПравилаРаспознаваниеСетевые службыСервер IPA

Управление доступом на основе ролей >Диапазоны идентификаторовПросмотры идентификаторовДомены областиТопологияAPI browserНастройки

Топология

Суффиксы топологии

Серверы IPA

Роли сервера >

Уровень домена

Topology Graph

Локации IPA

Роли сервера

Название роли	Состояние роли
AD trust agent	absent
AD trust controller	absent
CA server	enabled
DNS server	enabled
KRA server	enabled
NTP server	enabled

Показаны записи от 1 до 6, всего 6 записей.

FreeIPA

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

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

FreeIPA ("") .