

FreeIPA XCA DogTag

- XCA
 - o , , XCA
 - o XCA
 - XCA
 - o FreeIPA
- FreeIPA
 - o apache2
 - web- FreeIPA
 - o (dirsrv)

- XCA:
- FreeIPA XCA DogTag
- OpenVPN XCA
- astra-freeipa-server-crt - FreeIPA



- 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



, FreeIPA DogTag (, FreeIPA Astra Linux Special Edition)



FreeIPA Astra Linux DogTag XCA.

, FreeIPA (astra-freeipa-server fly-admin-freeipa-server).

XCA

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XCA

FreeIPA astra-freeipa-server fly-admin-freeipa-server /etc/ssl/freeipa.

ca.crt	PEM
ca.key	
ca.srl	
server.crt	FreeIPA PEM
server.csr	FreeIPA
server.key	FreeIPA
server.p12	FreeIPA PKCS#12

XCA

- XCA (root).
- , .
- :
 - /etc/ssl/freeipa/ca.key;
 - /etc/ssl/freeipa/ca.crt;
 - FreeIPA /etc/ssl/freeipa/server.key;
 - FreeIPA /etc/ssl/freeipa/server.crt.

FreeIPA

FreeIPA .

:

1. XCA .
2. FreeIPA.
3. "Transform" - "Similar Certificate".
4. (,).



, .

5. , "".

1. .
2. "".
3. .
4. "PEM (*.cert)".
5. , "" .

FreeIPA

apache2

web- FreeIPA

1. PEM clipboard (, , kate);



Astra Linux CE clipboard XCA

2. web- FreeIPA.
3. "" - "".
4. (, "HTTP:/...").
5. "".
6. .
7. "" .

, web- (,), FreeIPA certutil.

1. XCA , .
2. /etc/apache2/nssdb (, ipa.ipadomain.ru):

```
sudo certutil -d /etc/apache2/nssdb -D -n ipa.ipadomain.ru
```

3. (, certificate.crt):

```
sudo certutil -d /etc/apache2/nssdb -A -t , , -n ipa.ipadomain.ru -i  
certificate.crt
```

-t- .

4. FreeIPA

```
sudo ipactl restart
```

(dirsrv)

/etc/dirsrv/slapd-<_>.<_> , apache2., ipa.ipadomain.ru :

```
sudo certutil -d /etc/dirsrv/slapd-IPA-IPADOMAIN-RU -D -n ipa.ipadomain.ru
sudo certutil -d /etc/dirsrv/slapd-IPA-IPADOMAIN-RU -A -t ,, -n ipa.
ipa.ipadomain.ru -i certificate.crt
```