

Kerberos

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 - DNS
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 - Kerberos



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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



Kerberos — , ,

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Kerberos , Windows Active Directory, Samba AD DC, FreeIPA, Astra Linux Directory (ALD).

Linux- Kerberos - MIT Heimdal. Astra Linux () MIT Kerberos ([Samba](#) [Heimdal Kerberos](#) [Astra Linux Special Edition 1.6](#)).

Kerberos :

- (realm) - (), . "";
- - Kerberos, . "" , , Kerberos ().

, Kerberos, , .

- astradomain.ru;
- kdc.astradomain.ru.

Kerberos (realm), . astradomain.ru ASTRADOMAIN.RU

Kerberos , [DNS](#) . , Kerberos, (Fully Qualified Domain Name, FQDN).
DNS- () FQDN (krb5.conf rdns false)

:

```
nslookup <FQDN__>
nslookup <IP__>
```

nslookup dnsutils:

```
sudo apt install dnsutils
```

ping:

```
ping kerberos.astradomain.ru
```

Kerberos , .
- [Network Time Protocol \(NTP\)](#).

Kerberos Astra Linux, ,

```
sudo apt install krb5-kdc krb5-admin-server krb5-user
```

, , .

, .

/etc/krb5kdc/kdc.conf , Kerberos, FQDN, :

 [kdcdefaults]
kdc_ports = 750,88

[realms]
ASTRADOMAIN.RU = {
 database_name = /var/lib/krb5kdc/principal
 admin_keytab = FILE:/etc/krb5kdc/kadm5.keytab
 acl_file = /etc/krb5kdc/kadm5.acl
 key_stash_file = /etc/krb5kdc/stash
 kdc_ports = 750,88
 max_life = 10h 0m 0s
 max_renewable_life = 7d 0h 0m 0s
 master_key_type = des3-hmac-sha1
 #supported_encetypes = aes256-cts:normal aes128-cts:normal
 default_principal_flags = +preauth
}

Kerberos (Access Control List, ACL) .
, /etc/krb5kdc/kadm5.acl.

, /etc/krb5kdc/kadm5.acl, , /admin:

 */admin@ASTRADOMAIN.RU *

Kerberos :

```
krb5_newrealm
```

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, Kerberos .
kadmin.local, Kerberos .

 kadmin.local , Kerberos,
, Kerberos.

 kadmin.local

"", .

admin/admin addprinc:

 kadmin.local: addprinc admin/admin

kadmin.local quit.

admin/admin Kerberos kadmin.
kadmin.local, , :

```
kadmin -p admin/admin
```

DNS

Kerberos DNS: (SRV-).
Kerberos . [DNS](#)

Kerberos krb5-user Astra Linux, . ,

```
sudo apt install krb5-user
```

krb5-user, , krb5-config

 Kerberos Samba AD DC,
/var/lib/samba/krb5.conf,
[Samba](#)
, [DNS](#) [DHCP](#).

Kerberos

```
sudo dpkg-reconfigure krb5-config
```

- (- ASTRADOMAIN.RU);
- () Kerberos /etc/krb5.conf.
"" , () Kerberos
DNS (" DNS "), "".

. kinit :

```
kinit admin/admin
```

```
klist
```

Kerberos

Kerberos libpam-krb5:

```
sudo apt install libpam-krb5
```

PAM.