

# Windows AD Astra Linux

- [Windows AD](#)
- [Windows AD](#)
  - «Failed to join domain: failed to lookup DC info for domain 'win.ad' over rpc: The attempted logon is invalid. This is either due to a bad username or authentication information.»
  - : «Failed to join domain: Invalid configuration ("workgroup" set to 'ASTRA', should be 'WIN') and configuration modification was not requested»
  - : «Failed to join domain: Failed to set account flags for machine account (NT\_STATUS\_ACCESS\_DENIED)»
  - 
  - pam- (winbind sssd)
  - /etc/krb5.conf winbind
  - " " sssd
  - : «Your account has been locked. Please contact your System administrator»
  - « . »
  - , DNS sssd



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- Astra Linux Special Edition .10015-01 ( 1.6)
- Astra Linux Special Edition .10015-16 . 1 . 2
- Astra Linux Special Edition .10015-01 ( 1.5)
- Astra Linux Special Edition .10265-01 ( 8.1)
- Astra Linux Common Edition 2.12

## Windows AD

- fly-admin-ad-client ( winbind): [Astra Linux AD Windows](#).



winbind , . sssd.

- astra-ad-sssd-client ( SSSD): [Astra Linux Microsoft Windows astra-ad-sssd-client](#).

## Windows AD

«Failed to join domain: failed to lookup DC info for domain '[win.ad](#)' over rpc: The attempted logon is invalid. This is either due to a bad username or authentication information.»

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- ;
- /etc/resolv.conf , ;
- /etc/nsswitch.conf (, ).

:

- , ;
- () DNS ;
- /etc/nsswitch.conf .

: «Failed to join domain: Invalid configuration ("workgroup" set to 'ASTRA', should be 'WIN') and configuration modification was not requested»

: (NetBIOS).

: (NetBIOS).

: «Failed to join domain: Failed to set account flags for machine account (NT\_STATUS\_ACCESS\_DENIED)»

: AD (, ).

:

1. , :
  - a. /etc/hosts /etc/hostname;
  - b. ;
  - c. AD;
2. .

```
, , "".
```

```
: .
```

```
: AD, :
```

```
net time set -S winserv.win.ad <_>
```

```
AD, . /var/log/auth.log :
```

```
fly-dm: :1[1450]: pam_unix(fly-dm:auth): authentication failure; logname= uid=0 euid=0 tty=/dev/tty8 ruser= rhost= user=win.ad\admin  
fly-dm: :1[1450]: pam_unix(fly-dm:auth): authentication failure; logname= uid=0 euid=0 tty=/dev/tty8 ruser= rhost= user=win.ad\admin
```

## pam- (winbind sssd)

```
"", , /var/log/auth.log :
```

```
Jul 13 15:52:35 astra polkitd(authority=local): Unregistered Authentication Agent for unix-session:3 (system  
bus name :1.32, object path /org/kde/PolicyKit1/AuthenticationAgent, locale ru_RU.UTF-8) (disconnected from  
bus)
```

```
: winbind sssd.
```

```
: winbind sssd. :
```

```
sssd:
```

```
sudo apt purge *sss*
```

```
winbind:
```

```
sudo apt purge *winbind*
```

```
winbind, :
```

```
sudo pam-auth-update
```

- sss authentication:

### Настройка PAM

Через подключаемые модули аутентификации (PAM) указывается как нужно проводить аутентификацию, авторизацию и смену пароля в системе, а также можно назначать запуск дополнительных действий при старте пользовательского сеанса.

Некоторые пакеты модулей PAM предоставляют профили, которые можно использовать для автоматического регулирования поведения всех использующих PAM программ в системе. Выберите профили, которые нужно применить.

Активируемые профили PAM:

```
[*] Pwquality password strength checking
[ ] Cracklib password strength checking
[*] mkhomedir
[*] Kerberos authentication
[*] Kiosk2 user confinement
[*] pam tally
[*] Unix authentication
[*] Winbind NT/Active Directory authentication
[ ] SSS authentication
[*] Register user sessions in the systemd control group hierarchy
```

<Ok>

<Отмена>

." /etc/krb5.conf winbind"

/etc/krb5.conf winbind

, /etc/krb5.conf [realms] :

```
auth_to_local = RULE:[1:$1@$0](^.*@WINDOMAIN.AD$)s/@WINDOMAIN.AD/@windomain.ad/
auth_to_local = DEFAULT
```

"@WINDOMAIN.AD" "@windomain.ad" :

```
[realms]
  WIN.AD = {
    admin_server = WINSERV.WIN.AD
    default_domain = WIN.AD
    auth_to_local = RULE:[1:$1@$0](^.*@WIN.AD$)s/@WIN.AD/@win.ad/
    auth_to_local = DEFAULT
  }
```

/etc/krb5.conf , .

" " sssd

: " " , AD winbind.

: :

```
sudo apt purge *winbind*
sudo astra-ad-sssd-client -U -y
```

AD.

: «Your account has been locked. Please contact your System administrator»

: AD.

: AD.

« . »

: (winbind sssd).

:

- PAM-;
- .fly ;
- Astra Linux Special Edition .10015-01 ( 1.6) [20210611SE16 \( 7\)](#), .

, DNS sssd

: DNS nsupdate ( dnsutils), .

: dnsutils:

```
sudo apt install dnsutils
```

sssd:

```
sudo sss_cache -E
```

sssd:

```
sudo systemctl restart sssd
```