

NTLM Apache2

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-
- `libapache2-mod-auth-ntlm-winbind`
 -
 -
 - `web-`



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- Astra Linux Special Edition .10015-01 (1.6)
- Astra Linux Common Edition 2.12



Astra Linux Special Edition .10015-01 (1.7)
`libapache2-mod-auth-ntlm-winbind` .



NTLM — Microsoft Windows . Microsoft Windows Windows 10 .



NTLMv1 NTLMv2 . Kerberos.
winbind, sssd (. Astra Linux Microsoft Windows astra-ad-sssd-client). sssd Kerberos, NTLM .
libapache2-mod-auth-ntlm-winbind, Astra Linux. . , Astra Linux Special Edition.

- Windows AD:
 - `winserver.windom.ex;`
 - `10.0.2.20;`
 - :
 - `administrator;`
 - `1234567890;`
 - :
 - `winuser@windom.ex;`
 - `0987654321;`
- web- Astra Linux.

web-. `astra-winbind` . :

1. DNS DNS;
2. :

```
sudo apt install astra-winbind
```

3. Windows AD:

```
sudo astra-winbind -dc winserver.windom.ex -u adminisrator
```

APC `apcpsd`:



Astra Linux Special Edition () `/etc/apache2/apache2.conf` Astra Mode off.

```
sudo apt install apcupsd apcupsd-cgi apache2
sudo a2enmod cgi
sudo systemctl restart apache2
firefox localhost/cgi-bin/apcupsd/multimon.cgi
```

web- firefox (- ,).

libapache2-mod-auth-ntlm-winbind

1. :

```
wget https://archive.debian.org/debian/pool/main/a/apache-mod-auth-ntlm-winbind/libapache2-mod-auth-ntlm-winbind_0.0.0.lorikeet+svn+801-4_amd64.deb
```

2. :

```
sudo apt install ./libapache2-mod-auth-ntlm-winbind_0.0.0.lorikeet+svn+801-4_amd64.deb
```

3. :

```
sudo a2enmod auth_ntlm_winbind
```

4. www-data winbindd_priv:

```
sudo usermod -a -G winbindd_priv www-data
```

5. winbindd_priv /var/lib/samba/winbindd_privileged/pipe:

```
sudo chgrp winbindd_priv /var/lib/samba/winbindd_privileged/pipe
```

6. apache2:

```
sudo systemctl restart apache2
```

1. , :

```
ntlm_auth --protocol=squid-2.5-ntlmssp --domain=<_> --username=<__> --password=<>
```

```
NT_STATUS_OK: The operation completed successfully. (0x0)
```

```
ntlm_auth --protocol=squid-2.5-ntlmssp --domain=<_> --username=<__> --password=<>
```

```
NT_STATUS_NO_SUCH_USER: The specified account does not exist.  
(0xc0000064)
```

2. NTLM:

```
ntlm_auth --protocol=squid-2.5-ntlmssp --domain=<_> --username=<__> --  
password=<>
```

```
ntlm_auth --protocol=squid-2.5-ntlmssp --domain=<_> --username=<__> --  
password=<>
```

web-

1. , web-:

```
cat << EOT | sudo tee /etc/apache2/conf-enabled/apcupsd.conf  
<Location /cgi-bin/apcupsd/>  
AuthType NTLM  
NTLMAuth on  
NTLMAuthHelper "/usr/bin/ntlm_auth --helper-protocol=squid-2.5-ntlmssp"  
Require valid-user  
</Location>  
EOT
```

2. apache2:

```
sudo systemctl restart apache2
```

3. web- :

```
firefox localhost/cgi-bin/apcupsd/multimon.cgi
```

web- . .