NTLM Apache2

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- libapache2-mod-auth-ntlm-winbind
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  - 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 .

- 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 apcupsd:

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 http://ftp.de.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- . .