

# v1.16\_RADIUS

- /
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- 
- /etc/eltex-radius/local.conf
- NAS
- 
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Wi-Fi, WPA-enterprise (EAP) (RADIUS, DB), ESR/BRAS.

 eltex-radius.

/

:

```
service eltex-radius stop
```

:

```
service eltex-radius start
```

— , :

```
service eltex-radius status
```

:

```
eltex-radius start/running, process <pid>
```

,

```
eltex-radius stop/waiting
```

.

```
/etc/eltex-radius. :  
  
• local.conf - ,  
• certs/server.crt - , EAP-TLS  
• certs/server.key - , EAP-TLS  
• certs/ca/*.pem - CA( EAP-TLS CA local.pem local.conf)  
  
:eltex-radius -X
```

## /etc/eltex-radius/local.conf

. :

- :

```
auth_port=1812
acct_port=1813
inner_tunnel_port=18121
```

- **radius:**

```
# MySQL database
db_host="localhost"
db_port=3306
db_login="radius"
db_password="radpass"
db_name="radius"
```

- ,/ SSID. 1, EMS SSID .

```
ssid_check_enabled=1
```

- **wireless:**

```
# MySQL 'wireless' database
wireless_db_host="localhost"
wireless_db_port=3306
wireless_db_login="javauser"
wireless_db_password="javapassword"
wireless_db_name="wireless"
```

- **PCRF:**

```
# PCRF
pcrf_host="127.0.0.1"
pcrf_port=7080
pcrf_enabled=1
```

- CA, TLS . , **eltex-radius-nbi**.

```
# EAP
ca_cert_name="local.pem"
tls_key_password="1234"
```

- **RADIUS:**

```
proxy_auth=0
proxy_domain_regex="^(.+\\.)?enterprise\\.root$"
proxy_host="127.0.0.1"
proxy_port=18121
proxy_secret="eltex"
```

- .

```
ubi_vendor_regex="Apple|Ubiquiti"
vendor_group_enabled=1
```

- :

```
# Settings of runtime NAS discovery
dynamic_clients=false
dynamic_client_subnet=192.168.0.0/16
dynamic_client_lifetime=3600
dynamic_client_rate_limit=false
```

NAS

```
radius ( ), . , . eltex-radius. EMS (/ ) eltex-radius.
```

```
log /etc/eltex-radius/radiusd.conf. :
```

```
log {
    destination = syslog
    colourise = yes
    file = ${logdir}/radius.log
    syslog_facility = daemon
    stripped_names = no
    auth = yes
    auth_badpass = yes
    auth_goodpass = yes
    msg_denied = "You are already logged in - access denied"
}
```

:

destination	, : <ul style="list-style-type: none"><li>• syslog- , syslog</li><li>• file- , file</li></ul>
file	-, \${logdir}/radius.log logdir = /var/log/eltex-radius , /var/log/eltex-radius/radius.log
syslog_facility	facility, syslog
auth	, yes no

```
logrotate , :
```

## **/etc/logrotate.d/eltex-radius**

```
/var/log/eltex-radius/radius.log {  
    daily  
    rotate 31  
    create 640 eltxrad eltxrad  
    compress  
    delaycompress  
    notifempty  
    missingok  
    postrotate  
        invoke-rc.d eltex-radius reload >/dev/null 2>&1 || true  
    endsript  
}
```

,

- daily-
- rotate 31- 31
- create 640 eltxrad eltxrad- 640, eltxrad, eltxrad,
- postrotate-reload,