

## v1.18\_RADIUS

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- /
- /etc/eltex-radius/local.conf
- NAS
- 
- Graylog
- 

```
<div class="aui-message error aui-message-error">
<p class="title">
<span class="aui-icon icon-error"></span>
<strong>Comala Metadata License Details</strong>
</p>
<p>Invalid commercial evaluation license with a expired error. Please click <a href="https://marketplace.atlassian.com/plugins/org.andya.confluence.
plugins.metadata" target="_blank">here</a> to purchase a commercial license.</p>
</div>
```

Wi-Fi, WPA-enterprise (EAP) ( RADIUS , , DB), ESR/BRAS.

```
apt-get install eltex-radius-db
apt-get install eltex-radius
```

/

|  |                             |                                                                                                                                                                                                                                                                    |
|--|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |                             |                                                                                                                                                                                                                                                                    |
|  | service eltex-radius status | <div>  Active: active (running)         </div> <div>  Active: inactive (dead)         </div> |
|  | service eltex-radius stop   | <div>  Active: inactive (dead)         </div>                                                                                                                                   |

|  |                              |                                                                                                                         |
|--|------------------------------|-------------------------------------------------------------------------------------------------------------------------|
|  | service eltex-radius start   | <div>  Active: active (running) </div> |
|  | service eltex-radius restart | <div>  Active: active (running) </div> |
|  | eltex-radius -X              |                                                                                                                         |

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**/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);

/etc/eltex-radius/local.conf

.

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

```
# Ports on which the server will listen
auth_port=1812
#acct_port=1813
inner_tunnel_port=18121

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

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

# PCRF
# If you setting pcrf_enabled=0, then you also should enable accounting port listening in "default" server
pcrf_host="127.0.0.1"
pcrf_port=7080
pcrf_enabled=1

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

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

# Ubiquiti vendor detection
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

# Proxy SSID (for example to eltex-eap-tls) #139679
proxy_ssid_enabled=0
proxy_ssid_value="EAP_TLS"
proxy_ssid_host="127.0.0.1"
proxy_ssid_port=18122
proxy_ssid_secret="eltex"
```

- :

```
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"
```

- **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
```

- **SSID:**

```
# Proxy SSID (for example to eltex-eap-tls) #139679
proxy_ssid_enabled=0
proxy_ssid_value="EAP_TLS"
proxy_ssid_host="127.0.0.1"
proxy_ssid_port=18122
proxy_ssid_secret="eltex"
```

# NAS

radius (), .

, . eltex-radius.

```
service eltex-radius restart
```

EMS (/ ) eltex-radius.

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

```
log {
    destination = syslog
    syslog_facility = local1
    colourise = yes
    stripped_names = no
    auth = yes
    auth_badpass = yes
    auth_goodpass = yes
    msg_denied = "You are already logged in - access denied"
}
```

## Graylog

/etc/rsyslog.d/eltex-radius.conf

```
# GELF appender: port=12203
if ( $programname == "radiusd" and $syslogfacility-text == "local1") then {
    action(type="omfwd" target="lab3-test.eltex.loc" port="12203" protocol="udp" template="gelf1")
}
```

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,