

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">

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</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	

```
/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"

# Ubiquity 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
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```

- **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,