v1.19_RADIUS

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

Comala Metadata License Details

Invalid commercial evaluation license with a expired error. Please click here to purchase a commercial license.

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

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

apt-get install eltex-radius
```

/

	service eltex-radius status	Active: active (running) Active: inactive (dead)
	service eltex-radius stop	Active: inactive (dead)
	service eltex-radius start	Active: active (running)

	service eltex-radius restart	Active: active (running)
	`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
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
        endscript
}
```

,

- daily -
- rotate 31 - 31

- `create 640 eltxrad eltxrad` - 640, eltxrad, eltxrad,
- `postrotate` - reload ,