


# v1.20\_Disconnect






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- [/etc/eltex-disconnect-service/application.conf](#)
- [/etc/default/eltex-disconnect-service](#)
- [/etc/eltex-disconnect-service/log4j2.xml](#)

mac- . Eltex-disconnect PCRF, .  
JWT- , , public.pem eltex 440. doors.

```
-r--r----- 1 root eltex 451 Sep 19 14:24 public.pem
```

 disconnect.

	service eltex-disconnect-service status	: <div><div> Active: active (running)</div><div>C :<div> Active: failed</div></div></div>
	service eltex-disconnect-service start	: <div><div> Active: active (running)</div></div>
	service eltex-disconnect-service stop	: <div><div> Active: failed</div></div>
	service eltex-disconnect-service restart	: <div><div> Active: active (running)</div></div>

eltex-disconnect 9096 GET- :

```
http://<IP-address>:9096/disconnect?token=<token>
```

:

```
http://192.168.49.110:9096/disconnect?token=eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJlc2VyIiwiaXV0aCI6WyJST0xFX0FETU0IiwiaWF0IjE0sImldhdCI6MTU1OTI3OTU4MCwiZXhwIjoxNTU5MzUxNTgwLCJuYXNjaCI6IjEwMTU1OTU5MzU1Iiwic2Vzc2lvdGkiOiJ0NTY5MjU0OTkyODk5NjMwNzY2NCIsInZyZiI6IjEiLCJjbGllbnRNYWMiOiJGQy00NS05Ni01Ri01MC1BQyJ9.fWhOkGfO_rLd2mB9_70HotPH9LlGh7SuT1-qDQvv77U
```

GET- , eltex-disconnect jwt- , .

- , payload() , .

:

```
{
  "sub": "user",
  "auth": [
    "ROLE_ADMIN"
  ],
  "iat": 1559279580,
  "exp": 1559351580,
  "nasIp": "100.112.0.1",
  "sessionId": "5692549928996307964",
  "vrf": "1",
  "clientMac": "FC-45-96-5F-50-AC"
}
```

"sub"-;

"iat"-;

"exp"-;

"nasIp"- nas;

"sessionId"-;

"vrf"- Virtual Routing and Forwarding;

"clientMac"- mac-.

GET- disconnect API PCRF, : VRF, Mac, sessionId, nasIp.

:

```
GET http://127.0.0.1:7070/account/disconnect?session=5692549928996307974&nas_ip=100.112.0.1
&vrf=1&single=false&mac=FC-45-96-5F-50-AC&remove_mac=true
```

PCRF mac-.

- :

```
{
  "success" : true
}
```

- :

```
{
  "success" : false,
  "fail" : " "
}
```

## /etc/eltex-disconnect-service/application.conf

### /etc/eltex-disconnect-service/application.conf

```
pcrf {
  host = localhost
  // connection port (7070 is default)
  port = 7070
  // for timeouts (you can use ns, us, ms, s, m and h letters)
  // consult with HOCON duration format for more information

  // how long we wait for connection
  connectionTimeout = 10s

  // how long we wait for response end
  // minimum value should be greater then pcrf coa timeout
  socketReadTimeout = 15s

  // pool configuration
  pool {
    // minimum idle objects in pool
    min = 1
    // maximum pool size
    max = 20
    // timeout to retrieve an object from pool
    waitTimeout = 5s
  }
}

// JWT validation. You need a key from Eltex Doors.
// Or you could generate it yourself.
validation {
  public_key = /etc/eltex-doors/keys/public.pem
}
```

- PCRF:

```
pcrf {
  host = localhost      IP-
  port = 7070
  timeout = 10s
  pool {
    min = 1
    max = 20
    waitTimeout = 5s
  }
}
```

- :

```
validation {  
  public_key = /etc/eltex-doors/keys/public.pem
```

## /etc/default/eltex-disconnect-service

C, .

### /etc/default/eltex-disconnect-service

PORT=9096

```
# Initial size of Java heap  
JAVA_INIT_HEAP=4m  
# Maximum size of Java heap  
JAVA_MAX_HEAP=32m
```

```
# Additional arguments to pass to java  
JAVA_OPTS="-XX:+HeapDumpOnOutOfMemoryError -XX:HeapDumpPath=/var/log/eltex-disconnect-service"
```

- :

PORT=9096

- , :

```
JAVA_INIT_HEAP=4m  
JAVA_MAX_HEAP=32m
```

- :

```
JAVA_OPTS="-XX:+HeapDumpOnOutOfMemoryError -XX:HeapDumpPath=/var/log/eltex-disconnect-service"
```

## /etc/eltex-disconnect-service/log4j2.xml

### /etc/eltex-disconnect-service/log4j2.xml

```

<?xml version="1.0" encoding="UTF-8"?>

<Configuration monitorInterval="600">
  <Properties>
    <Property name="rootLevel">${env:LOG_LEVEL:-ERROR}</Property>

    <Property name="baseDir">/var/log/eltex-disconnect-service</Property>
    <Property name="maxFileSize">20 MB</Property>
    <Property name="accumulatedFileSize">100 MB</Property>
    <Property name="lastModified">4d</Property>
    <Property name="maxCount">20</Property>
    <Property name="logPattern">%d{ISO8601} [%t] %-5p %logger{12} %C{1}.%M(line:%L). %m%n</Property>

    <Property name="consoleLevel">${env:CONSOLE_LEVEL:-OFF}</Property>

    <Property name="gelfLevel">${env:GELF_LEVEL:-OFF}</Property>
    <Property name="gelfHost">${env:GELF_HOST:-udp:lab3-test.eltex.loc}</Property>
    <Property name="gelfPort">${env:GELF_PORT:-12201}</Property>
  </Properties>
  <Appenders>

    <Console name="STDERR" target="System.err">
      <PatternLayout pattern="${logPattern}" />
    </Console>

    <RollingFile name="RollingFile"
      fileName="${baseDir}/disconnect-service.log"
      filePattern="${baseDir}/log/disconnect-service-%i.log.gz">
      <PatternLayout pattern="${logPattern}" />
      <Policies>
        <SizeBasedTriggeringPolicy size="${maxFileSize}" />
      </Policies>
      <DefaultRolloverStrategy max="${maxCount}">
        <Delete basePath="${baseDir}" maxDepth="3">
          <IfFileName glob="*/disconnect-service-*.log.gz">
            <IfLastModified age="${lastModified}" />
            <IfAny>
              <IfAccumulatedFileSize exceeds="${accumulatedFileSize}" />
              <IfAccumulatedFileCount exceeds="${maxCount}" />
            </IfAny>
          </IfFileName>
        </Delete>
      </DefaultRolloverStrategy>
    </RollingFile>

    <Gelf name="Gelf" host="${gelfHost}" port="${gelfPort}" version="1.1" facility="eltex-disconnect-
service"
      extractStackTrace="true" originHost="%host{fqdn}" maximumMessageSize="8192">
      <Field name="thread" pattern="%t" />
      <Field name="level" pattern="%level" />
      <Field name="severity" pattern="%-5level" />
      <Field name="logger" pattern="%logger{12}" />
      <Field name="location" pattern="%C{1}.%M(line:%L)" />
    </Gelf>
  </Appenders>

  <Loggers>
    <Root level="${rootLevel}">
      <AppenderRef ref="RollingFile" />
      <AppenderRef ref="STDERR" level="${consoleLevel}" />
      <AppenderRef ref="Gelf" level="${gelfLevel}" />
    </Root>

    <Logger name="org.springframework" level="ERROR" />

    <Logger name="org.apache" level="OFF" />

  </Loggers>
</Configuration>

```

- :

```
<Configuration monitorInterval="600">
```

- :

```
<Property name="rootLevel">${env:LOG_LEVEL:-INFO}</Property>
```

- :

```
<Property name="baseDir">/var/log/eltex-disconnect-service</Property>
```

- ( . ):

```
<Property name="maxFileSize">20 MB</Property>
```

- ( +). :

```
<Property name="accumulatedFileSize">100 MB</Property>
```

- , :

```
<Property name="lastModified">4d</Property>
```

- , :

```
<Property name="maxCount">7</Property>
```

- Graylog ( , , ):

```
<Property name="gelfLevel">${env:GELF_LEVEL:-OFF}</Property>
<Property name="gelfHost">${env:GELF_HOST:-udp:lab3-test.eltex.loc}</Property>
<Property name="gelfPort">${env:GELF_PORT:-12201}</Property>
```