

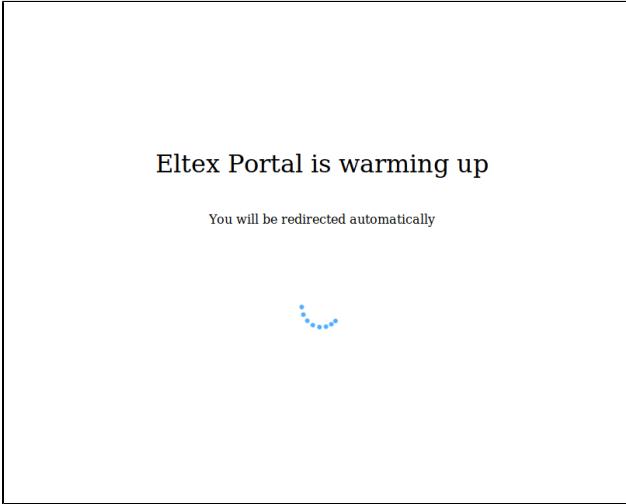
# v1.20\_Eltex Portal

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- / MySQL
- 
- /etc/eltex-portal/application.conf
- /etc/default/eltex-portal
- /etc/eltex-portal/log4j2.xml
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SoftWLC WEB-, hotspot-. ( ) , WEB-, (, SMS). , .

Wi-Fi, Eltex ESR/BRAS.

eltex-portal , "Warming up", , , . eltex-portal , .



```
apt-get install eltex-portal
```

/

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	<code>service eltex-portal status</code>	<div> eltex-portal start/running, process &lt;pid&gt;</div> <div> eltex-portal stop/waiting</div>
	<code>service eltex-portal start</code>	<div> eltex-portal start/running, process &lt;pid&gt;</div> <div> start: Job is already running: eltex-portal</div>
	<code>service eltex-portal stop</code>	<div> eltex-portal stop/waiting</div> <div> stop: Unknown instance:</div>
	<code>service eltex-portal restart</code>	<div> eltex-portal stop/waiting eltex-portal start/running, process &lt;pid&gt;  stop: Unknown instance: eltex-portal start/running, process &lt;pid&gt;</div>

# MySQL

eltex-portal MySQL .

```
eltex-potal create-db-user -h <server_ip>
```

/etc/eltex-portal-constructor/application.conf

/etc/eltex-portal/application.conf

C :

```

portal {
    defaultRedirectUrl = "http://eltex-co.ru"

    # If set to 'true', an authentication URL will be shortened when proxy-server detected
    shortenAuthUrlOnProxy = true

    scheduler {
        tariffCheckerPeriod = 1d
        promoBindingsCleaner {
            period = 1d
            bindingsLifetime = 5d
        }
        paymentsCleanerPeriod = "0 0 * * * ?"
    }
}

jetty {
    http.port = 9000
    https {
        port = 9443
        keystorePass = 12345
        keystoreFile = /etc/eltex-portal/localhost.pfx
        keystoreType = PKCS12
        keyAlias = 1
        ciphers = [
            TLS_RSA_WITH_AES_128_CBC_SHA256
            TLS_RSA_WITH_AES_128_CBC_SHA
            TLS_RSA_WITH_AES_256_CBC_SHA256
            TLS_RSA_WITH_AES_256_CBC_SHA
        ]
    }
}

database {
    host = localhost
    port = 3306
    name = ELTEX_PORTAL
    user = javauser
    password = javapassword

    pool {
        # Time to wait for a connection
        connectionTimeout = 10s
        # Time to wait for connection validation
        validationTimeout = 3s

        min = 1
        max = 10
    }

    cache {
        # Limit of cached simple entries count (for each query type)
        maxEntries = 1000
        # Limit of total cached portal resources size
        maxResourceBytes = 32m
        # Maximum time to retain items in the cache
        expireTime = 2m
    }
}

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

```

portal	
defaultRedirectUrl	, , . http.
tariffCheckerPeriod	. : .
promoBindingsCleaner	period - , . // m/h/d bindingsLifetime - , . // m/h/d
paymentsCleanerPeriod	. cron.
jetty	
https	https. , .  port - keystorePass - keystoreFile - , keystoreType - certAlias - ciphers -
database	
host	
port	,
name	
user	
password	
pool	connectionTimeout - validationTimeout - min - max -
cache	maxEntries - maxResourceBytes - expireTime -
validation	eltex-doors public_key - <i>JWT</i>

/etc/default/eltex-portal

C, .

```

# Eltex-Portal daemon parameters

# Port for use by Eltex Portal
PORT=9000

# Initial size of Java heap
JAVA_INIT_HEAP=16m
# Maximum size of Java heap
JAVA_MAX_HEAP=256m

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

```

PORT	,
JAVA_INIT_HEAP	, . JAVA_MAX_HEAP.
JAVA_MAX_HEAP	,
JAVA_OPTS	jvm

/etc/eltex-portal/log4j2.xml

```

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

<Configuration monitorInterval="10">

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

        <Property name="baseDir">/var/log/eltex-portal</Property>
        <Property name="maxFileSize">20 MB</Property>
        <Property name="accumulatedFileSize">10 GB</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="dateSuffix">%d{yyyyMMdd}</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="${baseDir}/portal.log"
            filePattern="${baseDir}/log/portal-%i.log.gz">
            <PatternLayout pattern="${logPattern}"/>
            <Policies>
                <SizeBasedTriggeringPolicy size="${maxFileSize}"/>
            </Policies>
        </RollingFile>
    </Appenders>

```

```

        <OnStartupTriggeringPolicy />
    </Policies>
    <DefaultRolloverStrategy max="{maxCount}">
        <Delete basePath="{baseDir}" maxDepth="3">
            <IfFileName glob="*/portal-*.log.gz">
                <IfAny>
                    <IfAccumulatedFileSize exceeds="{accumulatedFileSize}" />
                    <IfLastModified age="{lastModified}" />
                </IfAny>
            </IfFileName>
        </Delete>
    </DefaultRolloverStrategy>
</RollingFile>

<RollingFile name="AccessRollingFile"
    fileName="{baseDir}/access.log"
    filePattern="{baseDir}/access/access_{dateSuffix}.log">
    <PatternLayout pattern="%m%n" />
    <Policies>
        <TimeBasedTriggeringPolicy interval="1" modulate="true" />
    </Policies>
    <DefaultRolloverStrategy max="{maxCount}">
        <Delete basePath="{baseDir}" maxDepth="3">
            <IfFileName glob="*/access_*.log">
                <IfAny>
                    <IfAccumulatedFileSize exceeds="{accumulatedFileSize}" />
                    <IfLastModified age="{lastModified}" />
                </IfAny>
            </IfFileName>
        </Delete>
    </DefaultRolloverStrategy>
</RollingFile>

<RollingFile name="AuthRollingFile"
    fileName="{baseDir}/auth.log"
    filePattern="{baseDir}/auth/auth_{dateSuffix}.log">
    <PatternLayout pattern="%d{ISO8601} %m%n" />
    <Policies>
        <TimeBasedTriggeringPolicy interval="1" modulate="true" />
    </Policies>
    <DefaultRolloverStrategy max="{maxCount}">
        <Delete basePath="{baseDir}" maxDepth="3">
            <IfFileName glob="*/auth_*.log">
                <IfAny>
                    <IfAccumulatedFileSize exceeds="{accumulatedFileSize}" />
                    <IfLastModified age="{lastModified}" />
                </IfAny>
            </IfFileName>
        </Delete>
    </DefaultRolloverStrategy>
</RollingFile>

<Gelf name="Gelf" host="{gelfHost}" port="{gelfPort}" version="1.1" facility="eltex-portal"
    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="OFF" />
        <AppenderRef ref="Gelf" level="{gelfLevel}" />
    </Root>

    <Logger name="AccessLogger" additivity="false">

```

```

    <AppenderRef ref="AccessRollingFile"/>

    <!--"custom" for custom format with BRAS parameters and AP headers-->
    <!--"default" for NCSA format-->
    <Property name="format">default</Property>

    <!--Customizable parts of the access log-->
    <Property name="cookies">true</Property>
    <Property name="headers">true</Property>
    <Property name="bras">true</Property>
</Logger>

<Logger name="AuthLogger" additivity="false" level="INFO">
    <AppenderRef ref="AuthRollingFile"/>
    <AppenderRef ref="Gelf" level="${gelfLevel}"/>
</Logger>

<Logger name="org.springframework" level="ERROR"/>
<Logger name="org.eclipse.jetty" level="ERROR"/>
<Logger name="org.apache.tomcat" level="ERROR"/>
<Logger name="io.grpc.netty" level="ERROR"/>
<Logger name="io.netty" level="ERROR"/>

<!--SQL logging-->
<Logger name="org.jooq.tools.LoggerListener" level="OFF"/>

<Logger name="jndi" level="OFF"/>
<Logger name="org.quartz" level="OFF"/>
<Logger name="com.zaxxer" level="OFF"/>
<Logger name="org.apache" level="OFF"/>
<Logger name="org.jooq.impl.DefaultConnectionProvider" level="OFF"/>

</Loggers>
</Configuration>

```

- :

```
<Configuration monitorInterval="10">
```

- :

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

- :

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

- ( . ):

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

- ( + ). :

```
<Property name="accumulatedFileSize">10 GB</Property>
```

- , :

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

- , :

```
<Property name="maxCount">20</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>
```

:- /var/log/eltex-portal/log\_ep.txt

CHECK LOGIN AND PSW IN smmc_gate. conf	NG W  SM S	2018-08-22T09:38:56,420 [SimpleContainerScope.Executor@266376052-35] ERROR org.eltex.portal.sms. SendSmsWithPswResponseHandler SendSmsWithPswResponseHandler.onResult(line:53). Error while sending message on number: 79529056800. ErrorCode: 10, errMessage: 79529056800. Received error code = 1. CHECK LOGIN AND PSW IN smmc_gate.conf. Error in the parameters of function of dispatch sms via http protocol
NGW_NOT _AVAILABLE	NGW	2020-07-09T09:45:07,827 [qtp76432244-17] ERROR org.eltex.portal.sms.NotificationClient NotificationClient.getConfigurationInfo (line:527). Can't connect to Ngw server with code: 1601 code 1601:NGW_NOT_AVAILABLE and reason: NgwException{FAILED: 'Protocol is not supported by the server: eltex-ngw-api#1.16.5'}

APB Prometheus . :

```
http://< Eltex-portal>:9000/eltex_portal/api/metrics
```

Prometheus :

```
- job_name: 'portal-server'
  scrape_interval: 5s
  metrics_path: /eltex_portal/api/metrics

  static_configs:
    # external address of the Portal server
    - targets: [ '< Eltex-portal>:9000' ]
```

Grafana Prometheus docker docker-compose.yml:



## **docker-compose.yml**

```
version: '3'

services:
  portal-prometheus:
    image: prom/prometheus:v2.25.0
    volumes:
      - ./prometheus:/etc/prometheus/
    command:
      - '--config.file=/etc/prometheus/prometheus.yml'
      - '--storage.tsdb.path=/prometheus'
      - '--web.console.libraries=/usr/share/prometheus/console_libraries'
      - '--web.console.templates=/usr/share/prometheus/consoles'
    ports:
      - 9090:9090
    networks:
      - portal-monitoring

  portal-grafana:
    image: grafana/grafana:7.4.2
    volumes:
      - ./grafana/provisioning:/etc/grafana/provisioning
    ports:
      - 3000:3000
    depends_on:
      - portal-prometheus
    networks:
      - portal-monitoring

networks:
  portal-monitoring:
```

Grafana, Prometheus docker-compose.yml : [portal\\_monitoring.zip](#) , :

```
docker-compose up
```

---

docker-. .env docker-compose.yml

## docker-compose.yml

```
version: "3"
services:
  eltex-portal:
    container_name: eltex-portal
    image: hub.eltex-co.ru/softwlc/eltex-portal:1.20-<tag>
    ports:
      - 9000:${PORTAL_PORT}
      - 9443:${PORTAL_HTTPS_PORT}
    environment:
      - PORT=${PORTAL_PORT}
      - portal.defaultRedirectUrl=${PORTAL_DEFAULT_REDIRECT_URL}
      - database.host=${PORTAL_DATABASE_HOST}
      - database.port=${PORTAL_DATABASE_PORT}
      - database.name=${PORTAL_DATABASE_NAME}
      - database.user=${PORTAL_DATABASE_USER}
      - database.password=${PORTAL_DATABASE_PASSWORD}
      - jetty.https.port=${PORTAL_HTTPS_PORT}
      - jetty.https.keystorePass=${PORTAL_HTTPS_KEYSTORE_PASS}
      - jetty.https.keystoreFile=${PORTAL_HTTPS_KEYSTORE_FILE}
      - validation.public_key=${PORTAL_PUBLIC_KEY}
    volumes:
      - /etc/eltex-doors/keys/public.pem:${PORTAL_PUBLIC_KEY}:ro
```



<tag> , .

## .env

```
PORTAL_PORT=9000

PORTAL_HTTPS_PORT=9443
PORTAL_HTTPS_KEYSTORE_PASS=12345
PORTAL_HTTPS_KEYSTORE_FILE=/etc/eltex-portal/localhost.pfx

PORTAL_DEFAULT_REDIRECT_URL=http://eltex-co.ru
PORTAL_PUBLIC_KEY=/etc/eltex-doors/keys/public.pem

PORTAL_DATABASE_HOST=<ip-addr>
PORTAL_DATABASE_PORT=3306
PORTAL_DATABASE_NAME=ELTEX_PORTAL
PORTAL_DATABASE_USER=javauser
PORTAL_DATABASE_PASSWORD=javapassword
```

- **PORTAL\_PORT** - ,
- **JAVA\_INIT\_HEAP** - *JVM*-Xms
- **JAVA\_MAX\_HEAP** - *JVM*-Xmx
- **JAVA\_OPTS** - *JVM*( )

- **LOG\_LEVEL** - *Root*
- **GELF\_HOST** - *Gelf*
- **GELF\_PORT** - *Gelf*
- **GELF\_LEVEL** - *Gelf*

- PORTAL\_DATABASE\_HOST -
- PORTAL\_DATABASE\_PORT -
- PORTAL\_DATABASE\_NAME -
- PORTAL\_DATABASE\_USER -
- PORTAL\_DATABASE\_PASSWORD -
- database.pool.connectionTimeout -
- database.pool.validationTimeout -
- database.pool.min - idle
- database.pool.max -
- database.cache.maxEntries - ( )
- database.cache.maxResourceBytes -
- database.cache.expireTime -

#### *eltex-portal*

- PORTAL\_DEFAULT\_REDIRECT\_URL - URL -
- portal.scheduler.tariffCheckerPeriod - "PortalTariffChecker"
- portal.scheduler.promoBindingsCleaner.period - "PromoBindingsCleaner"
- portal.scheduler.promoBindingsCleaner.bindingsLifetime -
- portal.scheduler.paymentsCleanerPeriod - "PaymentsCleaner"

#### *HTTPS*

- PORTAL\_HTTPS\_PORT - HTTPS
- PORTAL\_HTTPS\_KEYSTORE\_PASS - KeyStore
- PORTAL\_HTTPS\_KEYSTORE\_FILE - KeyStore
- jetty.https.keystoreType - KeyStore
- jetty.https.keyAlias - SSL
- jetty.https.ciphers -

#### *JWT*

- PORTAL\_PUBLIC\_KEY - public.pem JWT

.env docler-compose.yml . :

docker-compose up