v1.18_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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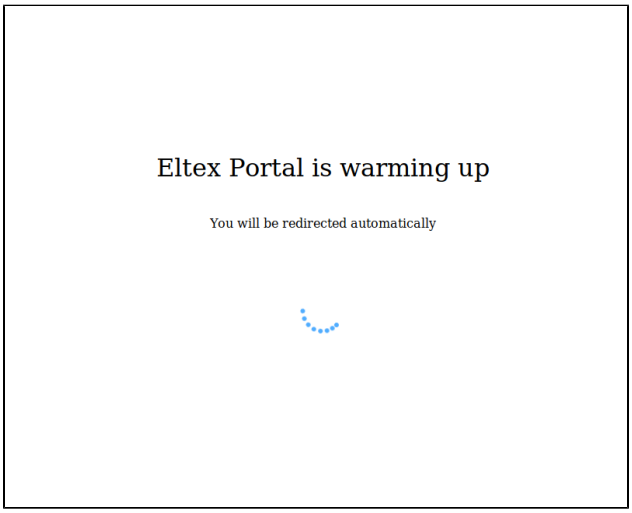
  -

SoftWLC WEB-, hotspot-. ( ) , WEB-, (, SMS). , .

Wi-Fi, Eltex ESR/BRAS.

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



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

/

	`service eltex-portal status`	`eltex-portal start/running, process <pid>`
		
		`eltex-portal stop/waiting`

	`service eltex-portal start`	`eltex-portal start/running, process <pid>`
		
		`start: Job is already running: eltex-portal`

	`service eltex-portal stop`	`eltex-portal stop/waiting`
		
		`,..`
		`stop: Unknown instance:`

	`service eltex-portal restart`	`eltex-portal stop/waiting`
		`eltex-portal start/running, process <pid>`
		
		`stop: Unknown instance:`
		`eltex-portal start/running, process <pid>`

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"

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

jetty {
    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** - *JWT*

/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}"/>
```

```
            <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 smsc_gate.conf	NGW SMS	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 smsc_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'}

---

docker-. .env docker-compose.yml

docker-compose.yml

```
version: "3"
services:
  eltex-portal:
    container_name: eltex-portal
    image:  hub.eltex-co.ru/eltex-portal:1.18
    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
```

.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
```