

v1.18_Logging

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- `/etc/eltex-logging-service/application.conf`
- `/etc/eltex-logging-service/log4j2.xml`
- `/etc/default/eltex-logging-service`

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(eltex-mercury).


gRPC API.

```
Logging-service  wifi-customer-cab  eventlog ( GUI " " - " ").
```

```
apt-get install eltex-logging-service
```

/

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

	service eltex-logging-service restart	<div> Active: active (running)</div>
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/etc/eltex-logging-service/application.conf

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```
server {
  port = 9099
}

eventlog {
  enabled = true
}

sorm {
  enabled = false
  dir = /var/log/eltex-logging-service/sorm3/
}

database {
  uri = "mongodb://localhost:27017/wifi-customer-cab"
  poolSize = 5
  timeout = 5s
}
```

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server {
  port = 9099
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• eventlog:

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eventlog {
  enabled = true
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sorm {
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  dir = /var/log/eltex-logging-service/sorm3/
}
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```
database {  
  uri = "mongodb://localhost:27017/wifi-customer-cab"  
  poolSize = 5  
  timeout = 5s  
}
```

/etc/eltex-logging-service/log4j2.xml

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/etc/eltex-logging-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-logging-service</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="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="Console">
      <PatternLayout pattern="${logPattern}" />
    </Console>

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

    <Gelf name="Gelf" host="${gelfHost}" port="${gelfPort}" version="1.1" facility="eltex-logging-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" />
    </Root>

    <Logger name="org.springframework" level="ERROR" />
    <Logger name="org.hibernate" level="ERROR" />
    <Logger name="org.mongodb" level="ERROR" />
    <Logger name="io.netty" level="ERROR" />
    <Logger name="io.grpc" level="ERROR" />
  </Loggers>
</Configuration>
```

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

- :

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

- (, ,):

```
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- (+). :

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<Property name="accumulatedFileSize">10 GB</Property>
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- , :

```
<Property name="lastModified">4d</Property>
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```
<Property name="maxCount">20</Property>
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- 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>
```

- :

```
<Root level="${rootLevel}">
```

/etc/default/eltex-logging-service

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/etc/default/eltex-logging-service

```
# 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-logging-service"
```

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```
JAVA_INIT_HEAP=4m
```

- , :

```
JAVA_MAX_HEAP=32m
```

- :

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

```
docker-.env docker-compose.yml
```

docker-compose.yml

```
version: "3"
services:
  eltex-logging-service:
    container_name: eltex-logging-service
    image: hub.eltex-co.ru/eltex-logging-service:1.18
    ports:
      - 9099:${LOGGING_SERVICE_PORT}
    environment:
      - server.port=${LOGGING_SERVICE_PORT}
      - eventlog.enabled=${LOGGING_SERVICE_EVENTLOG}
      - sorm.enabled=${LOGGING_SERVICE_SORM}
      - sorm.dir=${LOGGING_SERVICE_SORM_DIR}
      - database.uri=${LOGGING_SERVICE_DB_URI}
      - database.poolSize=${LOGGING_SERVICE_DB_POOL_SIZE}
      - database.timeout=${LOGGING_SERVICE_DB_TIMEOUT}
```

.env

```
LOGGING_SERVICE_PORT=9099
LOGGING_SERVICE_EVENTLOG=true
LOGGING_SERVICE_SORM=false
LOGGING_SERVICE_SORM_DIR=/var/log/eltex-logging-service/sorm3/
LOGGING_SERVICE_DB_URI=mongodb://localhost:27017/wifi-customer-cab
LOGGING_SERVICE_DB_POOL_SIZE=5
LOGGING_SERVICE_DB_TIMEOUT=5s
```

- **LOGGING_SERVICE_PORT** - , .
- **JAVA_INIT_HEAP** - Xms JVM .
- **JAVA_MAX_HEAP** - Xmx JVM .
- **JAVA_OPTS** - JVM ().

- **LOGGING_SERVICE_EVENTLOG** - .

SORM3

- **LOGGING_SERVICE_SORM** - sorm3.
- **LOGGING_SERVICE_SORM_DIR** - sorm3.

- **LOGGING_SERVICE_DB_URI** - URI .
- **LOGGING_SERVICE_DB_POOL_SIZE** - .
- **LOGGING_SERVICE_DB_TIMEOUT** - .

