

# v1.20\_ eltex-disconnect-service    OpenShift

eltex-disconnect    OpenShift.

- :
- OpenShift    3.11
  - eltex-doors
  - ssh    master
- :
- Atomic Registry    ImageStream
  - eltex-disconnect-template.yaml    master
  -

```
oc apply -f eltex-disconnect-template.yaml
```

- Application Console,    ,    :
  - Name of service -    Openshift
  - Image Name -
  - PCRF Host -    PCRF
  - public.pem -    ,    eltex-doors

The Eltex Disconnect service

Information

Configuration

Results

1

2

3

\* Name of service

eltex-disconnect

Name of service in openshift

\* Image name

hub.eltex-co.ru/softwlc/eltex-disconnect-service:latest

Image name or pull spec

\* PCRF host

localhost

PCRF host

\* public.pem

9DUT2s2v9DdnE3daNKKNbXZgOW6wc7J35pdmgltAM0fqW5o/R9XQ/LRNkN3b6z5U  
OlesNnuGTWwpOv4nym0aGK1jmy91wqH30qI39IbvM+IBlJSdteXHuyyEfOEFs/IT  
/I4Ld7W0eLj7KQIEM0LBhNYeT65DaoD4hpu27gUNKBKfs9OPf9lr7HNf4SiloQX  
Rn+SHGLJIBfNyoqeu8WaYW+PHiOPV2ZgOXqK7IQLbt0ed1Ya7gIAIBqI50bZlp  
uwIDAQAB  
-----END PUBLIC KEY-----

Contents of public.pem

Cancel

< Back

Create

•

```
eltex-disconnect-template.yaml

kind: Template
apiVersion: v1
metadata:
  name: eltex-disconnect-template
  annotations:
    description: "Eltex-disconnect application template"
    openshift.io/display-name: "The Eltex Disconnect service"
    openshift.io/provider-display-name: "Eltex"
    iconClass: "icon-openjdk"
objects:
```

```

- apiVersion: v1
  kind: Secret
  metadata:
    name: ${INSTANCE_NAME}-secret
  stringData:
    public.pem: ${PUBLIC_DATA}
  type: Opaque
- apiVersion: v1
  kind: ConfigMap
  metadata:
    name: ${INSTANCE_NAME}-config
  data:
    application.conf: |-
      server {
        port = 9096
      }
      pcrf {
        host = ${PCRF_HOST}
        port = 7070
        timeout = 100
      }
      validation {
        public_key = /etc/eltex-disconnect-service/keys/public.pem
      }
    log4j2.xml: |-
      <?xml version="1.0" encoding="UTF-8"?>
      <Configuration>
        <Properties>
          <Property name="defaultPattern" value="%d{ISO8601} [%t] %-5p %logger{1} %C{1}.%M(line:%L). %m%n"/>
        </Properties>
        <Appenders>
          <Console name="STDOUT" target="SYSTEM_OUT">
            <PatternLayout>
              <Pattern>${defaultPattern}</Pattern>
            </PatternLayout>
          </Console>
        </Appenders>
        <Loggers>
          <Root level="info">
            <AppenderRef ref="STDOUT"/>
          </Root>
        </Loggers>
      </Configuration>
- apiVersion: apps.openshift.io/v1
  kind: DeploymentConfig
  metadata:
    labels:
      app: ${INSTANCE_NAME}
    name: ${INSTANCE_NAME}
  spec:
    replicas: 1
    selector:
      app: ${INSTANCE_NAME}
    strategy:
      type: Rolling
    template:
      metadata:
        labels:
          app: ${INSTANCE_NAME}
      spec:
        containers:
          - name: ${INSTANCE_NAME}-container
            image: ${IMAGE_NAME}
            imagePullPolicy: Always
            livenessProbe:
              httpGet:
                path: /actuator/health
                port: 9096
                scheme: HTTP
            initialDelaySeconds: 30
            volumeMounts:

```

```

        - name: config-volume
          mountPath: /etc/eltex-disconnect-service/log4j2.xml
          subPath: log4j2.xml
        - name: config-volume
          mountPath: /etc/eltex-disconnect-service/application.conf
          subPath: application.conf
        - name: secret-volume
          mountPath: /etc/eltex-disconnect-service/keys
      volumes:
        - name: config-volume
          configMap:
            name: ${INSTANCE_NAME}-config
            items:
              - key: log4j2.xml
                path: log4j2.xml
              - key: application.conf
                path: application.conf
        - name: secret-volume
          secret:
            secretName: ${INSTANCE_NAME}-secret
      triggers:
        - type: ConfigChange
- apiVersion: v1
  kind: Service
  metadata:
    name: ${INSTANCE_NAME}-service
  spec:
    ports:
      - port: 9096
        protocol: TCP
    selector:
      app: ${INSTANCE_NAME}
- apiVersion: v1
  kind: Route
  metadata:
    name: ${INSTANCE_NAME}-route
  spec:
    to:
      kind: Service
      name: ${INSTANCE_NAME}-service
parameters:
- name: INSTANCE_NAME
  displayName: Name of service
  description: Name of service in openshift
  required: true
  value: eltex-disconnect
- name: IMAGE_NAME
  displayName: Image name
  description: Image name or pull spec
  required: true
  value: hub.eltex-co.ru/softwlc/eltex-disconnect-service:latest
- name: PCRF_HOST
  displayName: PCRF host
  description: PCRF host
  required: true
  value: localhost
- name: PUBLIC_DATA
  displayName: public.pem
  description: Contents of public.pem
  required: true
message: "... The Eltex Disconnect with name ${INSTANCE_NAME} is starting ..."
```