# v1.20_ eltex-disconnect-service  OpenShift

 eltex-disconnect  OpenShift.

:

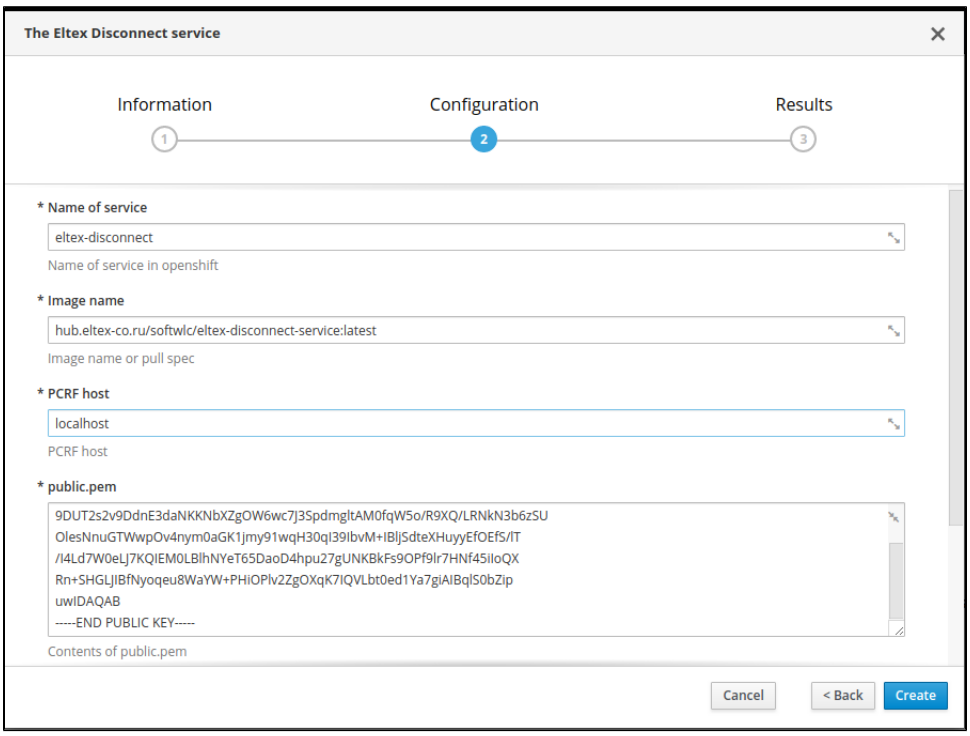
- OpenShift 3.11
- eltex-doors
- ssh master

:

- 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

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**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 ..."
```