

OKD API

some useful commands

```
oc whoami
oc whoami -t
```

Create service user

```
oc project openshift-kni-infra
oc create serviceaccount robot
oc get serviceaccounts
oc policy add-role-to-user admin system:serviceaccount:openshift-kni-infra:robot
oc serviceaccounts get-token robot
```

curl to API examples

```
ROBOT_TOKEN=$(oc serviceaccounts get-token robot)
curl -X GET -H "Authorization: Bearer ${ROBOT_TOKEN}" --insecure https://api.okd13.sandbox.kryptodev.ru:6443
curl -X GET -H "Authorization: Bearer ${ROBOT_TOKEN}" --insecure https://api.okd13.sandbox.kryptodev.ru:6443/oapi/v1

SERVER_URL=$(cat ~/.kube/config | yq -r .clusters[0].cluster.server)
curl -X GET -H "Authorization: Bearer ${ROBOT_TOKEN}" --insecure ${SERVER_URL}/oapi/v1
```

X509 Auth

```
SERVER_URL=$(cat ~/.kube/config | yq -r .clusters[0].cluster.server)

cat ~/.kube/config | yq -r '.clusters[0].cluster."certificate-authority-data"' | base64 -d - > ~/.kube/ca.pem
cat ~/.kube/config | yq -r '.users[0].user."client-certificate-data"' | base64 -d - > ~/.kube/user.pem
cat ~/.kube/config | yq -r '.users[0].user."client-key-data"' | base64 -d - > ~/.kube/user-key.pem

curl --cacert ~/.kube/ca.pem --cert ~/.kube/user.pem --key ~/.kube/user-key.pem -X GET ${SERVER_URL}/oapi/v1
```

get secret

```
oc get secrets
oc get secret secure-tool-ip-list
oc get secret secure-tool-ip-list -v10
curl --cacert ~/.kube/ca.pem --cert ~/.kube/user.pem --key ~/.kube/user-key.pem -X GET ${SERVER_URL}/api/v1/namespaces/openshift-kni-infra/secrets/secure-tool-ip-list
```