```
wget -0- <ip>:<port>
                                 (decodes a secret) echo YWRtaW4K | base64 -d
                                          (check a mount) mount | grep <name>
                                         k get pod <name> | grep -i annotations
                k get po <name> -o jsonpath='{.spec.containers[].image}{"\n"}'
spec.containers[0].env[0].valueFrom.configMapKeyRef.name
            ners[0].env[0].valueFrom.configMapNef.name
spec.containers[0].envFrom.configMapRef.name
ConfigMap
              spec.containers.volumeMounts.mountPath
spec.volumes.configMap.name as volume
                   spec.containers.volumeMounts.mountPath
                         spec.volumes.secret.secretName as volume Secret
                                                                                                   CKAD Specific kubectl commands
                               spec.securityContext.runAsUser
      spec.securityContext.capabilities.add: ['<capability>']

Spec.securityContext.capabilities.add: ['<capability>']
                                                                                      mapping
                       spec.volumes.emptyDir: {} shared empty dir Volumes
           spec.containers.volumeMounts.mountPath
                     spec.containers.volumeMounts.mountPath
       spec.volumes.persistentVolumeClaim.claimName: <name>
                              spec.serviceAccountName: <name> ServiceAccount
                                                                   alias k='kubectl'
```

```
--from-literal=<key>=<value>
        --from-file=<name>=<file>
        Secrets k create secret generic <name> --from-literal=<key>=<value> --from-file=<filename>
        Service k create svc nodeport <name> --tcp=<servicePort>:<targetPort> (defaults selector to app: <name>
                                                                        --dry-run -o=yaml
create
        ServiceAccount k create sa '<user>'
        PersistentVolume k create -f pv.yaml (only creates from yaml
        /bin/sh -c 'sleep 3600' -c read command from following strip
                                                      -- <command>
                                                     --dry-run -o=yaml
                                                     -n <namespace>
                                                     --env=<name>=<value>
             k run <name> --restart=Never --image=<image>
      Pod
                                                               (create service as well)
                                                     --expose (clusterIP default)
                                                     --serviceaccount=<user> (check for <user>-token in secrets
                                                     --requests='cpu=100m,memory=256Mi' --limits='cpu=200m,memory=512Mi'
                                                                 (rm only works in it container
                                                               example yaml commands command: ["nginx"]
           k run <name> --rm --image=<image> -it --restart=Never -- sh
run
                                                                                       args: ["-g", "daemon off;"]
            k run <name> --restart=OnFailure --image=<image>
      Job | spec.completions=5 (add number of times)
           spec.parallelism=5 (run in parallel)
      --replicas=<replicas>
                                                           --port=<port> (creates container port)
                                                            --expose (creates a service as well)
      Deployment k run <name> --restart=Always --image=<image>
                                                            --labels=<key>=<value>
                                                            --dry-run -o=yaml
                                                            (defaults selector to run: <name> if run command use
k annotate po <name> <key>=<value> --overwrite

k annotate pp <name> <key>- (remove)
autoscale k autoscale deploy <name> --min=<minNum> --max=<maxNum> --cpu-percent=<percent>
copy k cp <name>:<mountPath> .
delete k delete <resource> <name>
describe | k describe <resource> <name>
edit k edit <resource> <name>
exec k exec -it <name> -- <command>
        k expose deploy foo --port=<servicePort> --target-port=<targetPort>
expose explain k explain <resource>.spec
                 --all-namespaces
      k get po / --show-labels
              --o=wide (show more details inclusing i
      k get po -1 <key>=<value> (filtered by label)
      k get po -L <key> (list with label)
      k get po --selector=<key>=<value>
     k get ep (endpoints)
      k get po -o=wide (show ports etc.)
      k get rs
     k get <resource> <name> -o=yaml --export (export without start info
     k get jobs -w (wait)
        k label po <name> <key>=<value> --overwrite
      k label po <name> <key>-
label k label po <name1> <name2> <name3> <key>- (remove from multiple
      k label po <name>{1..3} <key>- (remove from multiple
_p (previous instance)
        k rollout status deploy <name>
        k rollout history deploy <name> --revision=<revision>
rollout k rollout undo deploy <name> --to-revision=<revision>
       k rollout pause deploy <name>
      k rollout resume deploy <name>
scale k scale deploy <name> --replicas=<num>
    k set image deploy <name> <container>=<image>
Use k < command > < option > --help to see all options
```