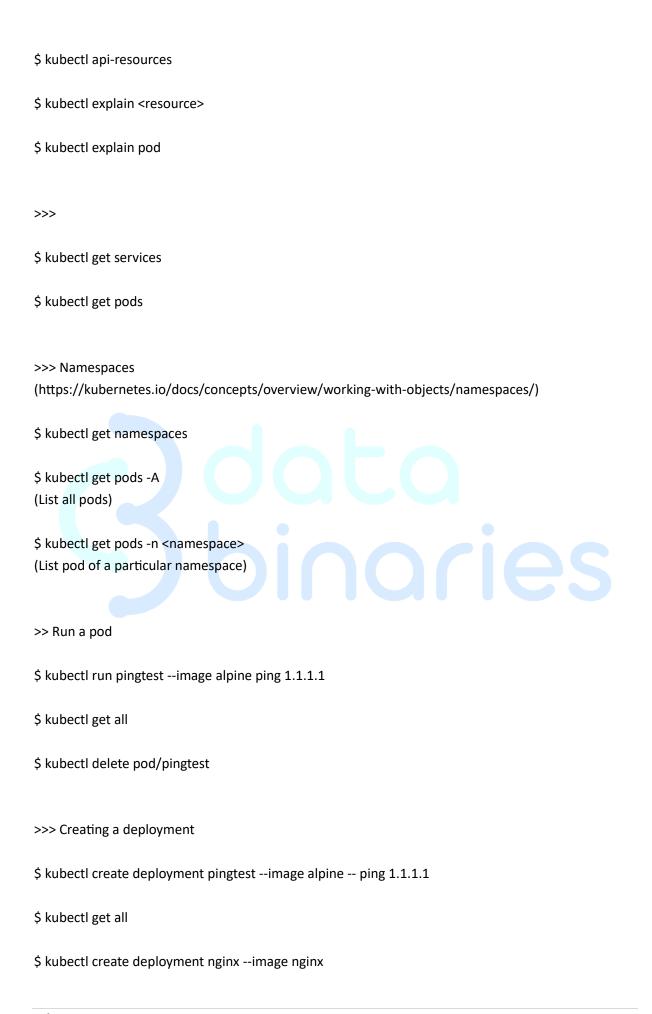
## **Kubernetes Commands**



*** kubectl ***
(https://kubernetes.io/docs/reference/kubectl/)
\$ kubectl
\$ kubectl get nodes
\$ kubectl get nodes
>> Check kubernetes config
\$ cd .kube
\$ nano config
\$ kubectl get nodes -o wide
\$ kubectl get nodes -o yaml
>> kubectl describe (Human readable)
<pre>\$ kubectl describe node/<node> \$ kubectl describe node <node></node></node></pre>
\$ kubectl get nodes (get the name)
\$ kubectl describe node/ <name></name>
N. December Times
>> Resource Types (https://kubernetes.io/docs/reference/#api-reference)

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```
>>> Check Logs
$ kubectl logs deploy/pingtest
$ kubectl logs deploy/nginx
$ kubectl logs deploy/pingtest --tail 5
>>> Get logs from all pods
$ kubectl logs -l app=pingtest --all-containers -f
(Show continous logs from all pods)
>>> Create replicas of containers (pods)
$ kubectl scale deploy/pingtest --replicas 3
$ kubectl get all
>>> Deleting Pods
$ watch kubectl get pods
$ kubectl delete pod/pingtest-649dfd8998-54g4v
>>> Create Cronjob
$ kubectl create cronjob my-job2 --image=alpine --schedule="*/3 * * * * " sleep 10
$ kubectl get all
$ kubectl delete cronjob m-job2
```

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```
>>> Stern Plugin for Logs
$ (
 set -x; cd "$(mktemp -d)" &&
OS="$(uname | tr '[:upper:]' '[:lower:]')" &&
 ARCH="$(uname -m \mid sed -e 's/x86_64/amd64/' -e 's/\(arm\)\(64\)\?.*/\1\2/' -e
's/aarch64$/arm64/')" &&
 KREW="krew-${OS}_${ARCH}" &&
curl -fsSLO "https://github.com/kubernetes-sigs/krew/releases/latest/download/${KREW}.tar.gz"
&&
 tar zxvf "${KREW}.tar.gz" &&
 ./"${KREW}" install krew
)
$ export PATH="${KREW_ROOT:-$HOME/.krew}/bin:$PATH"
$ kubectl krew
$ kubectl krew install stern
$ kubectl stern pingtest
$ kubectl stern -t pingtest
(To check tiemstamp)
>>> Decommision a worker
$ kubectl drain k8s-worker2
$ kubectl drain k8s-worker2 --ignore-daemonsets
$ kubectl get pods
$ kubectl get all
(Re-comission)
$ kubectl uncordon k8s-worker2
$ kubectl get pods
```

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