Kubernetes

Set-Alias -Name k -Value kubectl

1. kubectl

* version
* get all
* get pods
* get pods --watch
* run my-ngnix –image=nginx:alpine
* port-forward my-ngnix 8080:80
* delete pods my-ngnix
* create -f .\demo.pod.yml --dry-run --validate=true
* create -f .\demo.pod.yml --save-config
* apply -f .\demo.pod.yml
* edit -f .\demo.pod.yml
* patch
* delete -f .\demo.pod.yml
* get pod my-nginx -o yaml
* exec my-nginx -it sh
* exec [pod-name] --container [container-name] -it sh
* apply -f .\demo.deployment.yml
* describe deployment [deployment name]
* get deployments
* get deployments --show-labels
* get deployments -l app=my-nginx
* scale -f .\demo.deployment.yml --replicas=4
* create cm [config-map-name] --from-file=setting.config
* create cm [config-map-name] --from-env-file=setting.env
* create cm [config-map-name] --from-literal=key=value

1. docker

* build -t [image-name]:[tag] [path to Dockerfile]
* run -it --rm -d -p 8080:80 --name [container-name] [image-name]:[tag]