

巾 C:\Windows\System32\cmd.exe Microsoft Windows [Version 10.0.19045.2846] (c) Microsoft Corporation. All rights reserved. C:\Users\ds889\Desktop\Kubernates>kubectl kubectl controls the Kubernetes cluster manager. Find more information at: https://kubernetes.io/docs/reference/kubectl/ Basic Commands (Beginner): Create a resource from a file or from stdin create Take a replication controller, service, deployment or pod and expose it as a new Kubernetes service expose

Basic Commands (Intermediate):

explain Get documentation for a resource get Display one or many resources edit Edit a resource on the server

delete Delete resources by file names, stdin, resources and names, or by resources and label selector

Deploy Commands:

run

set

rollout Manage the rollout of a resource

scale Set a new size for a deployment, replica set, or replication controller Auto-scale a deployment, replica set, stateful set, or replication controller autoscale

Cluster Management Commands:

certificate Modify certificate resources. cluster-info Display cluster information

Display resource (CPU/memory) usage top

cordon Mark node as unschedulable Mark node as schedulable uncordon

drain Drain node in preparation for maintenance taint Update the taints on one or more nodes

Troubleshooting and Debugging Commands:

describe Show details of a specific resource or group of resources

Run a particular image on the cluster

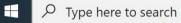
Set specific features on objects

Print the logs for a container in a pod logs

Attach to a running container attach exec Execute a command in a container

port-forward Forward one or more local ports to a pod

Run a proxy to the Kubernetes API server proxy









































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Copy files and directories to and from containers Ср

Inspect authorization auth

debug Create debugging sessions for troubleshooting workloads and nodes

Advanced Commands:

diff Diff the live version against a would-be applied version Apply a configuration to a resource by file name or stdin apply

patch Update fields of a resource

replace Replace a resource by file name or stdin

wait Experimental: Wait for a specific condition on one or many resources

kustomize Build a kustomization target from a directory or URL.

Settings Commands:

label Update the labels on a resource Update the annotations on a resource annotate

Output shell completion code for the specified shell (bash, zsh, fish, or powershell) completion

Other Commands:

alpha Commands for features in alpha

api-resources Print the supported API resources on the server

api-versions Print the supported API versions on the server, in the form of "group/version"

config Modify kubeconfig files

Provides utilities for interacting with plugins plugin Print the client and server version information version

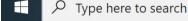
Jsage:

kubectl [flags] [options]

Use "kubectl <command> --help" for more information about a given command.

Use "kubectl options" for a list of global command-line options (applies to all commands).

C:\Users\ds889\Desktop\Kubernates>







































Command Prompt

巾 * Done! kubectl is now configured to use "minikube" cluster and "default" namespace by default

C:\Users\ds889>minikube version

minikube version: v1.30.1

commit: 08896fd1dc362c097c925146c4a0d0dac715ace0

C:\Users\ds889>kubectl config

Modify kubeconfig files using subcommands like "kubectl config set current-context my-context"

The loading order follows these rules:

- 1. If the --kubeconfig flag is set, then only that file is loaded. The flag may only be set once and no merging takes place.
- 2. If \$KUBECONFIG environment variable is set, then it is used as a list of paths (normal path delimiting rules for your system). These paths are merged. When a value is modified, it is modified in the file that defines the stanza. When a value is created, it is created in the first file that exists. If no files in the chain exist, then it creates the last file in the list.
- Otherwise, \${HOME}/.kube/config is used and no merging takes place.

Available Commands:

current-context Display the current-context

delete-cluster Delete the specified cluster from the kubeconfig delete-context Delete the specified context from the kubeconfig delete-user Delete the specified user from the kubeconfig get-clusters Display clusters defined in the kubeconfig

Describe one or many contexts get-contexts

Display users defined in the kubeconfig get-users Rename a context from the kubeconfig file rename-context Set an individual value in a kubeconfig file

set-cluster Set a cluster entry in kubeconfig set-context Set a context entry in kubeconfig set-credentials Set a user entry in kubeconfig

Unset an individual value in a kubeconfig file unset Set the current-context in a kubeconfig file use-context

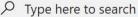
view Display merged kubeconfig settings or a specified kubeconfig file

Usage:

kubectl config SUBCOMMAND [options]

Use "kubectl <command> --help" for more information about a given command. Use "kubectl options" for a list of global command-line options (applies to all commands).



























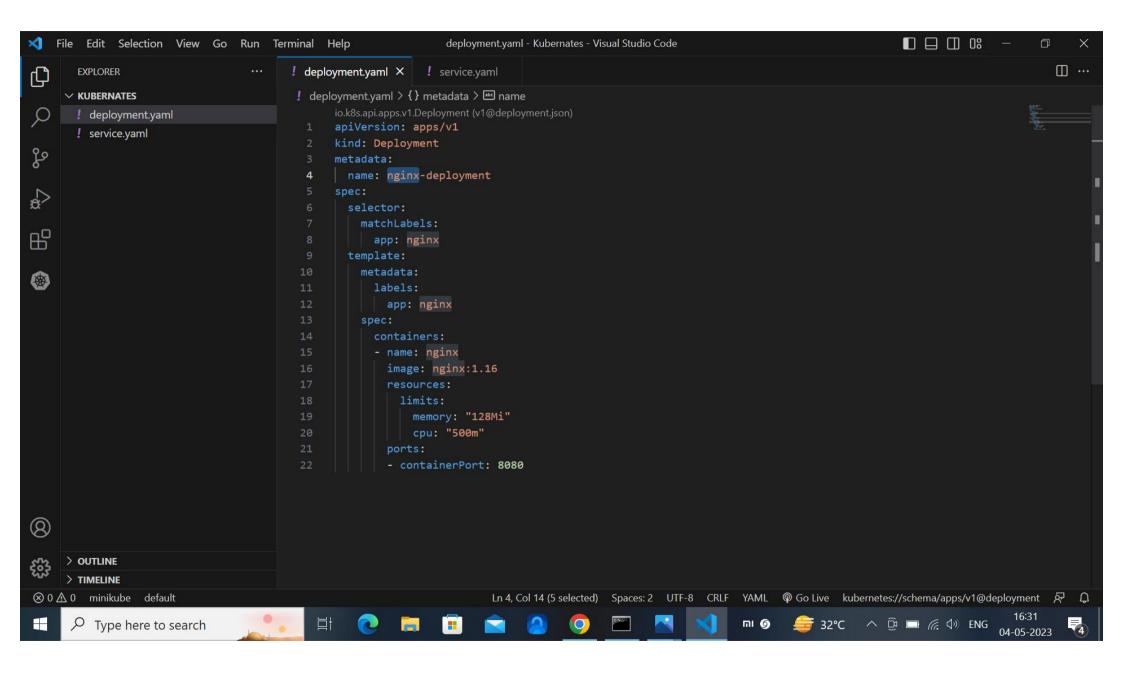


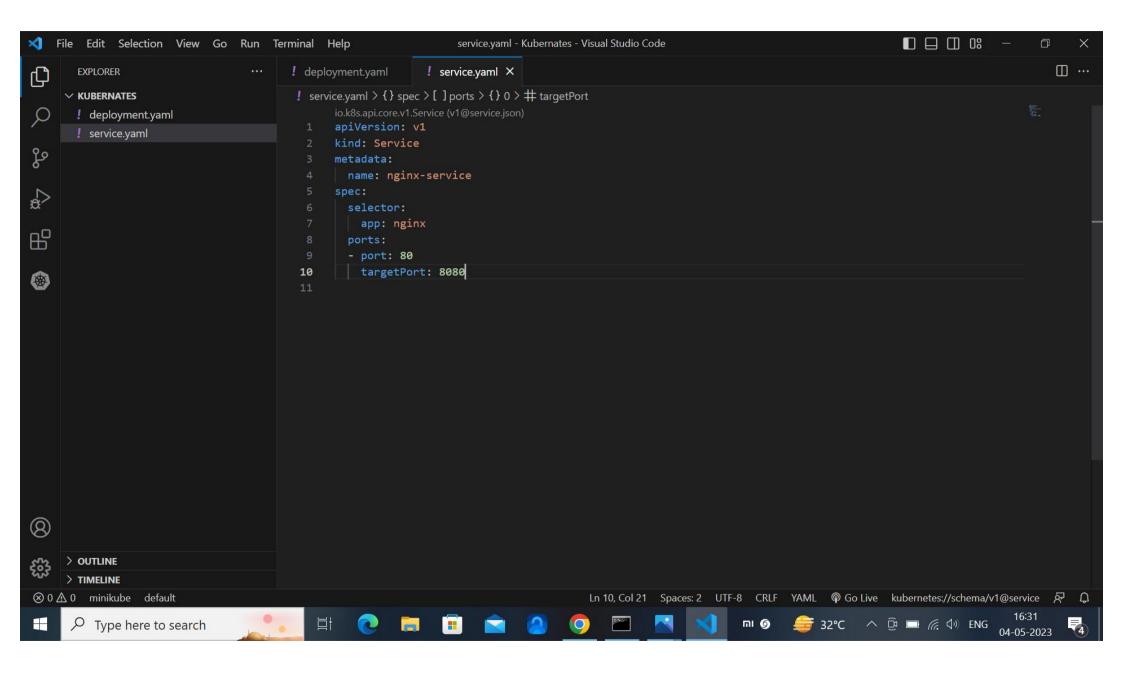


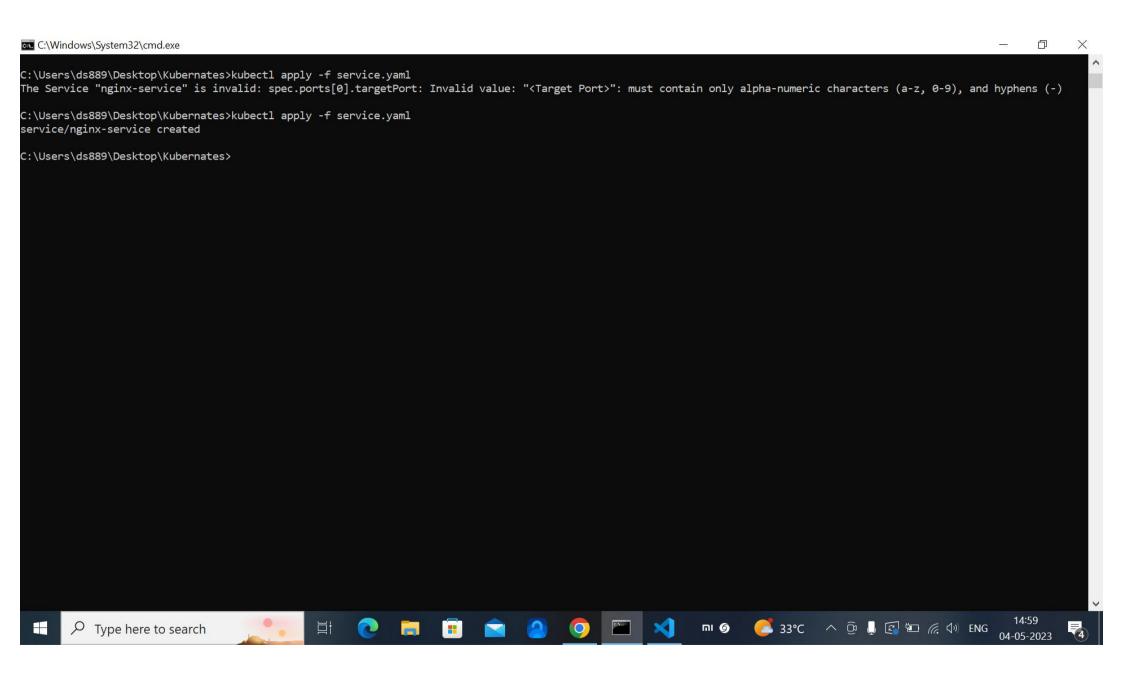












C:\Windows\System32\cmd.exe X service/nginx-service created C:\Users\ds889\Desktop\Kubernates>kubectl get all NAME READY STATUS RESTARTS AGE pod/nginx-deployment-86d6b9f464-lntdf 1/1 Running 0 80m NAME TYPE CLUSTER-IP EXTERNAL-IP PORT(S) AGE service/kubernetes ClusterIP 10.96.0.1 <none> 443/TCP 136m service/nginx-service ClusterIP 10.99.170.228 80/TCP 71s <none> NAME READY UP-TO-DATE AVAILABLE AGE deployment.apps/nginx-deployment 1/1 1 80m 1 NAME CURRENT READY AGE DESIRED replicaset.apps/nginx-deployment-86d6b9f464 1 80m 1 C:\Users\ds889\Desktop\Kubernates>

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