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Creating a Service Object: Using Node Port

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Delete all previously created pods.

Text

Description automatically generated

Yaml file to create replicaset and service object with nodeport.

A picture containing text

Description automatically generated

Create Service.

Commands showing created service and its label type.

Text

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Text

Description automatically generated

Kubectl get svc <name of service created>: To show the node port number created for accessing pod as a user/ from the internet.

Graphical user interface, text

Description automatically generated



Give command to get the details of the node and copy the external-IP addresses to use it to be able to access the node from the internet or external server.

Graphical user interface

Description automatically generated

Failure of site to be accessed because the on Google Cloud provider the node firewall needs to be opened.

Graphical user interface, application, Teams

Description automatically generated

Give the command: gcloud compute firewall-rules create rule1 --allow tcp:32505, to allow the node port to be opened and accessed.

Graphical user interface, text

Description automatically generated



One of my created replicaset pods being accessed through the internet by using: <http://35.224.113.67:32505/>

Graphical user interface, application, Teams

Description automatically generated

The End.