<https://github.com/guysalton-codefresh>

Graphical user interface, website

Description automatically generated

imagePullBackOff,

Reason :

1. Image name invalid like typo error or does not exist and tag missing in case private image.
2. Private registry secret needs to configure.

Graphical user interface, application

Description automatically generated

Conainer started application failed to start. Data base credential , api endpoint, properties missing

Reason:

Config map or secret does not exist. Or not in the same namespace.

Graphical user interface

Description automatically generated

Container creating long time:

Solution: describe the pod.

Unable to mount volume using secret to it was struck in creating

Graphical user interface, text

Description automatically generated

Reason:

1.cluster not enough the resources.

2.Current name space quota over.

3.scheduler working fine or not need to check.

4.perssistant volume claim need to check.

Graphical user interface, text

Description automatically generated

Graphical user interface

Description automatically generated

Container is started: it was crashed immediately.

1.error in the application. Prevent to start.

2.misconfigured the container. docker cmd is missing or Entery point missing. And image don’t know which cmd need to run.

3.liveness of probe failure. It needs to respond to from inside applications.

Text

Description automatically generated

If the exit code state 1 then container(inside application exit)



Kubectl logs pod name -- previous 🡪 show the log out of previously running logs on the bod.

When we face failure communication in container to other container 🡪 use the kubectl exec command to check inside the container.

Kubectl get events 🡪 show the event in cluster it will help what happened in the cluster level like all.

Graphical user interface, text

Description automatically generated

Graphical user interface, application

Description automatically generated

Q &A

1. The container created and 9 th day I edited image so the pod (not deleted) still running and running time showing 9 day



1. We don’t require to delete and recreate. For crash loop back it will keep try to start so when we change the file in the backend it will correct automatically.
2. We can restrict the access using namespace level using roles.
3. If we apply VS create the pod name already there it will apply the modification only not create or delete in existing. If the resource not there it will create.
4. Apply will apply the resources in live vs replace command will delete the resources (like pod) and recreate it.
5. You can use bash or sh for kubectl exec command.

Graphical user interface, text

Description automatically generated