Kubectl create ns gitlab

sudo mkdir -p /mnt/data/gitlab

sudo chmod -R 777 /mnt/data/gitlab

worker01@worker01:~/gitlab$ kubectl describe pod gitlab-7446d8bfb5-9jhfd -n gitlab

Events:

Type Reason Age From Message

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Normal Scheduled 9m33s default-scheduler Successfully assigned gitlab /gitlab-7446d8bfb5-9jhfd to worker01

Normal Pulling 9m30s kubelet Pulling image "gitlab/gitlab -ce:latest"

Warning Evicted 41s kubelet The node was low on resource : ephemeral-storage. Threshold quantity: 1569603441, available: 1398576Ki.

Warning ExceededGracePeriod 31s kubelet Container runtime did not kill the pod within specified grace period.

worker01@worker01:~/gitlab$ df -h

Filesystem Size Used Avail Use% Mounted on

tmpfs 388M 3.2M 385M 1% /run

/dev/mapper/ubuntu--vg-ubuntu--lv 9.8G 9.6G 0 100% /

worker01@worker01:~/gitlab$ sudo lvextend -L +2G /dev/ubuntu-vg/ubuntu-lv

[sudo] password for worker01:

Size of logical volume ubuntu-vg/ubuntu-lv changed from 10.00 GiB (2560 extents) to 12.00 GiB (3072 extents).

Logical volume ubuntu-vg/ubuntu-lv successfully resized.

worker01@worker01:~/gitlab$ sudo lvextend -L +2G /dev/ubuntu-vg/ubuntu-lv

Size of logical volume ubuntu-vg/ubuntu-lv changed from 12.00 GiB (3072 extents) to 14.00 GiB (3584 extents).

Logical volume ubuntu-vg/ubuntu-lv successfully resized.

worker01@worker01:~/gitlab$ sudo lvextend -L +2G /dev/ubuntu-vg/ubuntu-lv

Size of logical volume ubuntu-vg/ubuntu-lv changed from 14.00 GiB (3584 extents) to 16.00 GiB (4096 extents).

Logical volume ubuntu-vg/ubuntu-lv successfully resized.

worker01@worker01:~/gitlab$ sudo lvextend -L +2G /dev/ubuntu-vg/ubuntu-lv

Size of logical volume ubuntu-vg/ubuntu-lv changed from 16.00 GiB (4096 extents) to 18.00 GiB (4608 extents).

Logical volume ubuntu-vg/ubuntu-lv successfully resized.

worker01@worker01:~/gitlab$ sudo lvextend -L +2G /dev/ubuntu-vg/ubuntu-lv

Insufficient free space: 512 extents needed, but only 57 available

worker01@worker01:~/gitlab$ sudo resize2fs /dev/ubuntu-vg/ubuntu-lv

resize2fs 1.46.5 (30-Dec-2021)

Filesystem at /dev/ubuntu-vg/ubuntu-lv is mounted on /; on-line resizing required

old\_desc\_blocks = 2, new\_desc\_blocks = 3

The filesystem on /dev/ubuntu-vg/ubuntu-lv is now 4718592 (4k) blocks long.

kubectl delete ns gitlab

kubectl get pv

NAME CAPACITY ACCESS MODES RECLAIM POLICY STATUS CLAIM STORAGECLASS VOLUMEATTRIBUTESCLASS REASON AGE

gitlab-pv 50Gi RWO Retain Released gitlab/gitlab-pvc standard <unset> 18m

kubectl delete pv gitlab-pv

sudo mkdir -p /mnt/data/gitlab

sudo chmod -R 777 /mnt/data/gitlab

kubectl create ns gitlab

kubectl apply -f gitlab.yml -f gitlab-pv.yaml -f gitlab-pvc.yaml -f gitlab-deployment.yaml

change root password from the pod  
  
kubectl exec -it gitlab-7446d8bfb5-pqm29 -n gitlab – bash

root@gitlab-7446d8bfb5-pqm29:/# gitlab-rails console

irb(main):007:0> user = User.find\_by\_username('root')

=> #<User id:1 @root>

irb(main):008:0> user.password = 1234

=> 1234

irb(main):009:0> user.password\_confirmation = 1234

=> 1234

irb(main):009:0> user.force\_password\_reset = true

irb(main):010:0> user.save!

irb(main):011:0> exit