

Pod stuck in ContainerCreating/Terminating

kubernetesv1.22.5

PodContainerCreatingkubectl deleteTerminating

[illegible]

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podimageidpodkhaos-guardian-bmzsk imageidlda9e4f1-a5d4-40db-b8bc-4db1d27ca458

- `kubeletjournalctl -u kubelet | grep chaos-guardian-bmzsk`
- `dockerjournalctl -u docker | grep 1da9e4f1-a5d4-40db-b8bc-4db1d27ca458`
- `cd /var/log && grep chaos-guardian-bmzsk messages`

daemonsetpodpoddaemonsetdaemonset4container

- `hostPID`
- `lifecycle.postStart`

hostPID

<https://kubernetes.io/docs/concepts/security/pod-security-standards/>

```
pod specPod
```

shareProcessNamespacepod specpodcontainerpodcontainerpid<https://kubernetes.io/docs/tasks/configure-pod-container/share-process-namespace/>

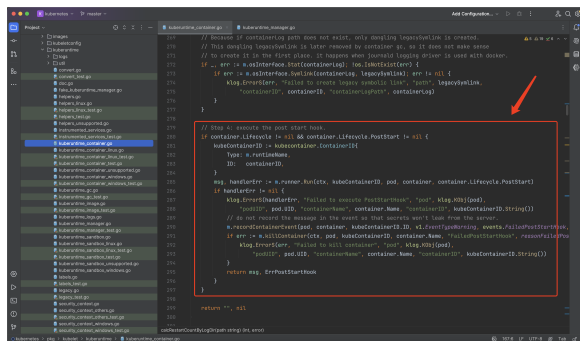
lifecycle.postStart

containerRunning<https://kubernetes.io/docs/concepts/workloads/pods/pod-lifecycle/>

```
dnsPolicy: ClusterFirstWithHostNet
enableServiceLinks: true
hostNetwork: true
hostPID: true
imagePullSecrets:
  - name: khaos-ccr-cred
nodeName: 21.0.44.45
preemptionPolicy: PreemptLowerPriority
priority: 2000001000
priorityClassName: system-node-critical
restartPolicy: Always
schedulerName: default-scheduler
securityContext: {}
serviceAccount: khaos-guardian
serviceAccountName: khaos-guardian
terminationGracePeriodSeconds: 30
tolerations:
```



PostStartPostStarthttps://github.com/kubernetes/kubernetes/blob/b722d017a34b300a2284b890448e5a605f21d01e/pkg/kubelet/kuberuntime/kuberuntime_container.go#L297



```
dockerdocker execPostStart
```

TerminatingPod

```
step1TerminatingPod
```

```
kubectl get pod -n xxx -owide | grep Terminating
```

step2docker

```
kubectl node-shell x.x.x.x
docker ps -a | grep xxx
docker rm -f xxx
exit
```

step3Pod

```
kubectl delete -n xxx pod/xxx --force
```

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- docker
- podpostStart

