

K8S-1

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原文链接: <https://ld246.com/article/1628182429363>

来源网站: [链滴](#)

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

K8S学习

安装步骤

[Kubernetes快速实战与核心原理剖析.zip](#)

遇到的问题

启动之后长时间处在noready状态，查看日志报错：

```
journalctl -f -u kubelet
```

NetworkReady=false reason:NetworkPluginNotReady message:docker: network plugin is not eady: cni config uninitialized

处理方法：

```
kubectl get pod -n kube-system
```

```
[root@k8s-master ~]# kubectl get pod -n kube-system
NAME                                READY   STATUS    RESTARTS   AGE
calico-kube-controllers-746f9d75cb-xprh8  0/1     Pending   0           24m
calico-node-8v5r2                     0/1     Init:0/3   0           22m
calico-node-wkgv8                     0/1     Init:0/3   0           24m
calico-node-wrwmv                     0/1     Init:ImagePullBackOff  0           22m
coredns-7ff77c879f-cb79t             0/1     Pending   0           29m
coredns-7ff77c879f-kh478             0/1     Pending   0           29m
etcd-k8s-master                      1/1     Running   0           29m
kube-apiserver-k8s-master             1/1     Running   0           29m
kube-controller-manager-k8s-master    1/1     Running   0           29m
kube-flannel-ds-b6nhp                 0/1     Init:0/1   0           84s
kube-flannel-ds-clld5                 0/1     Init:0/1   0           84s
kube-flannel-ds-fcjbh                 0/1     Init:0/1   0           84s
kube-proxy-5j5lp                      1/1     Running   0           29m
kube-proxy-cdds7                     1/1     Running   0           22m
kube-proxy-sccj6                     1/1     Running   0           22m
kube-scheduler-k8s-master            1/1     Running   0           29m
```

发现fiannel没有跑起来。

干掉fiannel和coredns：

```
kubectl delete pod kube-flannel-ds-clld5 -n kube-system
```

```
[root@k8s-master ~]# kubectl delete pod kube-flannel-ds-b6nhp -n kube-system
pod "kube-flannel-ds-b6nhp" deleted
[root@k8s-master ~]# kubectl delete pod kube-flannel-ds-clld5 -n kube-system
pod "kube-flannel-ds-clld5" deleted
[root@k8s-master ~]# kubectl delete pod kube-flannel-ds-fcjbh -n kube-system
pod "kube-flannel-ds-fcjbh" deleted
[root@k8s-master ~]# kubectl get pod -n kube-system
NAME                                READY   STATUS    RESTARTS   AGE
calico-kube-controllers-746f9d75cb-xprh8  0/1     ContainerCreating   0           27m
calico-node-8v5r2                     0/1     Init:ImagePullBackOff  0           25m
calico-node-wkgv8                     0/1     Init:0/3           0           27m
calico-node-wrwmv                     0/1     Init:ImagePullBackOff  0           25m
coredns-7ff77c879f-cb79t             0/1     ContainerCreating   0           31m
coredns-7ff77c879f-kh478             0/1     ContainerCreating   0           31m
etcd-k8s-master                      1/1     Running             0           32m
kube-apiserver-k8s-master             1/1     Running             0           32m
kube-controller-manager-k8s-master    1/1     Running             0           32m
kube-flannel-ds-56b47                 0/1     Init:0/1           0           49s
kube-flannel-ds-jbwvt                 1/1     Running             0           91s
kube-flannel-ds-np7b6                 1/1     Running             0           70s
kube-proxy-5j5lp                      1/1     Running             0           31m
kube-proxy-cdds7                     1/1     Running             0           25m
kube-proxy-sccj6                     1/1     Running             0           25m
kube-scheduler-k8s-master            1/1     Running             0           32m
```

干掉之后状态成ready了

```
[root@k8s-master ~]# kubectl get nodes
NAME          STATUS    ROLES    AGE   VERSION
k8s-master   NotReady master   32m   v1.18.0
k8s-node1    Ready    <none>   25m   v1.18.0
k8s-node2    Ready    <none>   25m   v1.18.0
[root@k8s-master ~]# kubectl delete pod kube-flannel-ds-56b47 -n kube-system
pod "kube-flannel-ds-56b47" deleted
[root@k8s-master ~]# kubectl get nodes
NAME          STATUS    ROLES    AGE   VERSION
k8s-master   NotReady master   33m   v1.18.0
k8s-node1    Ready    <none>   26m   v1.18.0
k8s-node2    Ready    <none>   25m   v1.18.0
[root@k8s-master ~]# kubectl get pod -n kube-system
```

还有一个问题：

我K8S起来时没有注意SWAP分区导致报错

```
1
2
[ERROR Swap]: running with swap on is not supported. Please disable swap
[preflight] If you know what you are doing, you can make a check non-fatal with `--ignore-prelight-errors=...`
```

这个需要注意关闭swap就可以了

```
swapoff -a
```

注意

正常情况下K8S集群刚起来的时候是需要一点时间的，如果网络不好的话会长时间没有ready的，但如果时间太长就需要看一下日志了。

长时间没学习说实话有点麻了，要捡起来了啦，要不然就死了，之前一直在看书觉得这个也没啥，没到一搞起来就不行了，是有点眼高手低了。

放一句诗句吧，共勉。

纸上得来终觉浅，绝知此事要躬行。——《冬夜读书》

加油！！！！