

知 某局点CloudOSE3107P01部分容器无法启动

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组网及说明

无

## 问题描述

CloudOS E3107P01, 正常下电再上电后, 发现部分容器无法启动, 如下图。

```
Optional: false
DNS-CLASS: Burstable
NodeSelector:
  node.kubernetes.io/hostname: m1000009
Tolerations:
  node.kubernetes.io/not-ready: NoExecute for 300s
  node.kubernetes.io/unreachable: NoExecute for 300s
Events:
  Type      Reason      Age   From      Message
  ----      -
  Warning   FailedScheduling 12s (x186 over 5m) default-scheduler 0/3 nodes are available: 2 node(s) didn't match node-selector, 3 node(s) didn't
  have free ports for the requested pod ports.
[root@M1000009-F1-26-27U-CloudOS01 ~]# podgrep -v Running
POD_NAMESPACE  NAME
-----
NOMINATED NODE
READY  STATUS  RESTARTS  AGE  IP  NODE
-----
cloudify  cloudae-cfy-apporch-26k0n  0/1  CrashLoopBackOff  9  2h  10.101.27.41  10.10.100.110
cloudify  <none>  0/1  CrashLoopBackOff  17  2h  10.101.27.6  10.10.100.110
cloudify  cloudae-cfy-nginx-72tst4  0/1  CrashLoopBackOff  22  2h  10.101.27.40  10.10.100.110
default  <none>  0/2  CrashLoopBackOff  22  2h  10.101.27.40  10.10.100.110
default  cas-server-rc-q66gl  0/1  CrashLoopBackOff  10  41m  10.101.49.13  10.10.100.111
default  <none>  0/1  CrashLoopBackOff  10  41m  10.101.25.2  10.10.100.112
default  cas-server-rc-xn7a2  0/1  CrashLoopBackOff  10  41m  10.101.27.42  10.10.100.110
default  <none>  0/1  CrashLoopBackOff  10  41m  10.101.27.42  10.10.100.110
default  cloudae-suggestrc-2zvp  0/1  CrashLoopBackOff  29  2h  10.101.49.12  10.10.100.111
default  <none>  0/1  CrashLoopBackOff  29  2h  10.101.49.12  10.10.100.111
default  milk-rc-whmw  0/1  CrashLoopBackOff  12  41m  10.101.49.3  10.10.100.111
default  <none>  0/1  CrashLoopBackOff  12  41m  10.101.49.3  10.10.100.111
default  papaya-rc-vn6vd  0/1  CrashLoopBackOff  27  2h  10.101.49.25  10.10.100.111
default  <none>  0/1  CrashLoopBackOff  27  2h  10.101.49.25  10.10.100.111
default  <none>  0/1  Pending  0  15m  <none>  <none>
default  <none>  0/1  Pending  0  15m  <none>  <none>
[root@M1000009-F1-26-27U-CloudOS01 ~]# docker images|grep compute
E3107P01-V3000001B0100325P01-RC2  e76c34c381cf  23 mo
10.10.100.110:9999/cloudos-openstack-compute
nths ago  1.3 GB
cloudos-openstack-compute  E3107P01-V3000001B0100325P01-RC2  e76c34c381cf  23 mo
```

## 过程分析

- 1、kubectl get node查看节点状态都正常
- 2、节点时间一致
- 3、手动拉起异常的容器，过一会又变成CrashLoopBackOff

#### 解决方法

重启每个节点的kube-api、kube-proxy和kube-controller服务，可以在其中一个节点上执行 `ansible all -m shell -a 'systemctl restart kube-apiserver kube-proxy kube-controller-manager'`。执行后，若仍有容器未启动，再手动拉起。

