



CloudOS E5102前台进不去，数个pod异常

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组网及说明

CloudOS E5102

问题描述

CloudOS前台界面无法登录，后台查看发现数个pod状态异常

```
[root@zjwy-b05-r4900-cloudos01 xj2021]# pod |grep -v Running
+ grep --color=auto -v Running
# /opt/bin/kubectl get --all-namespaces pod -o wide
```

NAMESPACE	NAME	READY	STATUS	RESTARTS	AGE	IP	NODE
MONINATED	NODE						
cloudlog-center	cloud-data-search-center-0	0/1	ImagePullBackOff	0	1h	10.226.1.231	zjwy-b05-r4900-cloudos01
<none>							
cloudlog-center	cloud-es-center-0	0/1	ImagePullBackOff	0	1h	10.226.1.189	zjwy-b05-r4900-cloudos01
<none>							
cloudlog-center	cloud-log-collect-center-0	0/1	ImagePullBackOff	0	1h	10.226.1.225	zjwy-b05-r4900-cloudos01
<none>							
cloudlog-center	cloud-logstash-czsd4	0/1	ImagePullBackOff	0	1h	10.226.1.232	zjwy-b05-r4900-cloudos01
<none>							
cloudlog-center	cloud-logstash-hp3gm	0/1	ImagePullBackOff	0	45m	10.226.0.69	zjwy-b05-r4900-cloudos01
<none>							
cloudlog-center	cloud-logstash-vx92f	0/1	ImagePullBackOff	0	41m	10.226.0.80	zjwy-b05-r4900-cloudos01
<none>							
cloudlog-center	cloud-pg-center-0	0/1	ImagePullBackOff	0	36m	10.225.1.149	zjwy-b05-r4900-cloudos02
<none>							
default	os-harbor-admreg-5468d67469-r6bs9	0/2	ContainerCreating	0	45s	<none>	zjwy-b06-r4900-cloudos03
<none>							
default	os-harbor-jobserver-dc8f86b94-vs22f	0/1	CrashLoopBackOff	10	41m	10.226.0.83	zjwy-b05-r4900-cloudos01
<none>							
default	os-harbor-ui-f9598465b-pjkr1	0/1	CrashLoopBackOff	16	1h	10.226.0.14	zjwy-b05-r4900-cloudos01
<none>							
kube-system	master-controllers-zjwy-b06-r4900-cloudos03	0/1	CrashLoopBackOff	210	38m	10.240.11.25	zjwy-b06-r4900-cloudos03
<none>							

过程分析

多个pod镜像无法拉起，且harbor容器异常，首先尝试修复harbor；
describe harbor容器发现其使用的共享存储挂载失败，推断是pv异常没有成功挂载导致了harbor容器异常

```
Uoo Class:      Burstable
NodeSelectors:  nodeType=controller
Tolerations:    node.kubernetes.io/memory-pressure:NoSchedule
Events:
  Type      Reason      Age      From      Message
  ----      -
Normal     Scheduled   1m       default-scheduler      Successfully assigned default/os-harbor-admreg-5468d67469-r6bs9 to zjwzy-b06-r4980-cloudos03
Warning     FailedMount 26s (x7 over 1m) kubelet, zjwzy-b06-r4980-cloudos03 MountVolume.MountDevice failed for volume "harbor-registry-pvc-middle-pv" : 'fsck' found errors on device /dev/dm-11 but could not correct them: fsck from util-linux 2.23.2
/dev/mapper/mpathd: Superblock needs_recovery flag is clear, but journal has data.
/dev/mapper/mpathd: Run journal anyway
/dev/mapper/mpathd: UNEXPECTED INCONSISTENCY; RUN fsck MANUALLY.
```

解决方法

使用fsck修复对应的存储卷：

```
fsck.ext4 -fn /dev/dm-11
```

```
fsck.ext4 -fy /dev/dm-11
```

重启harbor后恢复正常，harbor恢复之后，其余pod也跟着逐渐恢复。

