

组网及说明

CAS版本 E0303

问题描述

现场集群下多台cvk，新划分了一个存储卷，然而cvk9和cvk10挂载该存储卷后，无法启动该存储，报错如图



这个存储卷在别的cvk下就可以正常启动，而且cvk9和cvk10下的其他存储卷也是活动状态。

过程分析

后台syslog报错：

```
2019-07-19 16:09:09 cvk10 rsyslogd: [origin software"rsyslogd" swVersion"8.0.0" x-pid="1005" x-info="http://www.rsyslog.com"] rsyslogd was HUPed
2019-07-19 16:32:35 cvk10 kernel: [10568016.302468] (mount.ocfs2, 1):ocfs2_mount_volume: checking mount condition, comparing live node map with slotmap.
2019-07-19 16:32:35 cvk10 kernel: [10568016.302468] (mount.ocfs2, 1):ocfs2_check_peer_Nb:1845 ERROR: ocfs2: Error 65288 fails, running user helper ./usr/bin/python /opt/b...
2019-07-19 16:32:35 cvk10 kernel: [10568016.302464] (mount.ocfs2, 1):ocfs2_fill_super:1214 ERROR: status = -22
2019-07-19 16:32:35 cvk10 kernel: [10568016.302593] (mount.ocfs2, 1):ocfs2_mount_volume: checking mount condition, comparing live node map with slotmap.
2019-07-19 16:32:35 cvk10 kernel: [10572820.100882] (mount.ocfs2, 1):ocfs2_check_peer_Nb:1845 ERROR: ocfs2: Error 65288 fails, running user helper ./usr/bin/python /opt/b...
2019-07-19 16:32:35 cvk10 kernel: [10572820.100905] (mount.ocfs2, 1):ocfs2_fill_super:1214 ERROR: status = -22
2019-07-19 16:32:35 cvk10 kernel: [10572820.101100] (mount.ocfs2, 1):ocfs2_fill_super:1214 ERROR: status = -22
```

```
root@cvk10:/var/log# tail -f /var/log/ocfs2_shell.201907.log
2019-07-19 16:09:09 [23777] ocfs2_xcopy.py/558L: WARNING:device /dev/sda does not support xcopy
2019-07-19 16:09:09 [23777] util_common_tools.py/209L: ERROR:Command 'sg_vpd -p 0 /dev/sda | grep '[lbpv]'' returned non-zero exit status 1
2019-07-19 16:09:09 [23777] ocfs2_xcopy.py/582L: ERROR:device /dev/sda not support Logical block provisioning [lbpv]
2019-07-19 16:09:09 [23777] util_common_tools.py/209L: ERROR:Command 'sg_vpd -p 0 /dev/sda | grep '[lbpv]'' returned non-zero exit status 1
2019-07-19 16:09:09 [23777] ocfs2_xcopy.py/582L: ERROR:device /dev/sda not support Logical block provisioning [lbpv]
2019-07-19 16:10:01 [24324] ocfs2_cluster_config.py/630L: WARNING:get ocfs2 configure file from CVM
2019-07-19 16:10:01 [24324] ocfs2_cluster_config.py/201L: WARNING:remove /etc/cvk/cluster.conf before cpy it from cvm
2019-07-19 16:10:01 [24324] ocfs2_cluster_config.py/203L: WARNING:copy the cluster.conf from cvm(cvm) to cvk.
2019-07-19 16:10:01 [24324] ocfs2_cluster_config.py/513L: WARNING:There is no node to remove.
2019-07-19 16:10:01 [24324] ocfs2_cluster_config.py/522L: WARNING:There is no node to add.
```

```
root@cvk10:/var/log# tail -f /var/log/ocfs2_shell.201907.log
root@cvk10:/var/log# python /opt/bin/ocfs2_dlm_domainmap_check.pyc /dev/dm-3
Node "cvk-10" does not exist
root@cvk10:/var/log#
```

后台查看共享存储cluster配置文件

```
cvk-10: jxgslw.12.10.36.206.7.7100:configured
root@cvk-07:~# cat /etc/ocfs2/cluster.conf
cluster:
    heartbeat_mode = local
    node_count = 12
    name = jxgslw

node:
    number = 1
    cluster = jxgslw
    ip_port = 7100
    ip_address = 10.36.206.12
    name = cvk-01

node:
    number = 2
    cluster = jxgslw
    ip_port = 7100
    ip_address = 10.36.206.18
    name = cvk-07

node:
    number = 3
    cluster = jxgslw
    ip_port = 7100
    ip_address = 10.36.206.13
    name = cvk-02

node:
    number = 4
    cluster = jxgslw
    ip_port = 7100
```

```

node:
    number = 8
    cluster = jxgslw
    ip_port = 7100
    ip_address = 10.36.206.14
    name = cvk-03

node:
    number = 9
    cluster = jxgslw
    ip_port = 7100
    ip_address = 10.36.206.19
    name = cvk09

node:
    number = 10
    cluster = jxgslw
    ip_port = 7100
    ip_address = 10.36.206.20
    name = cvk10

node:
    number = 11
    cluster = jxgslw
    ip_port = 7100
    ip_address = 10.36.206.6
    name = cvk-13

node:
    number = 12
    cluster = jxgslw
    ip_port = 7100
    ip_address = 10.36.206.7
    name = cvk-14

```

发现主机的名称与其他主机的不同，而且与当前主机的名称不同，当前主机是cvk10，而配置文件中的是cvk-10

odfs_dlm_domainmap_check.pyc 文件也和其他cvk的不同

```

uild: command not found
oot@cvk10:~# md5sum /opt/bin/ocfs2_dlm_domainmap_check.pyc
dfe9cdaef5cba9de1885ab8fd8f1644 /opt/bin/ocfs2_dlm_domainmap_check.pyc
oot@cvk10:~# ssh cvk-6

```

```

Last login: Fri Jul 19 10:55:22 2019 from 10.36.206.20
root@cvk-07:~# md5sum /opt/bin/ocfs2_dlm_domainmap_check.pyc
b09cdd79c01f640ee9996888f0492df0 /opt/bin/ocfs2_dlm_domainmap_check.pyc
root@cvk-07:~#

```

```

oot@cvk-06:~# md5sum /opt/bin/ocfs2_dlm_domainmap_check.pyc
09cdd79c01f640ee9996888f0492df0 /opt/bin/ocfs2_dlm_domainmap_check.pyc
oot@cvk-06:~# logout

```

解决方法

该环境的cvk9和cvk10曾经通过/etc/hostname修改过主机名，然而配置文件不能同步，将主机名修改回来后，存储可以启动成功，后台也没有报错了。

```

root@cvk10:~# python /opt/bin/ocfs2_dlm_domainmap_check.pyc /dev/dm-3
root@cvk10:~#

```