



UIS一节点osd全down

程鑫 2022-01-20 发表

组网及说明

UIS 0708版本

问题描述

现场升级阵列卡固件后重启服务器，发现一台CVK（非CVM节点）上的OSD全down。

过程分析

查看对应节点的messgae日志，发现cgroup出现异常，导致osd的进程无法拉起。

```
Dec 12 14:29:52 C05-PT-M02 ceph-osd.sh: cgroup change of group failed
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Dec 12 14:29:52 C05-PT-M02 ceph-osd.sh: cgroup change of group failed
Dec 12 14:29:52 C05-PT-M02 systemd: ceph-osd@117.service: main process exited, code=exited, status=82/n/a
Dec 12 14:29:52 C05-PT-M02 systemd: Unit ceph-osd@117.service entered failed state.
Dec 12 14:29:52 C05-PT-M02 systemd: ceph-osd@117.service failed.
Dec 12 14:29:52 C05-PT-M02 systemd: ceph-osd@54.service: main process exited, code=exited, status=82/n/a
Dec 12 14:29:52 C05-PT-M02 systemd: Unit ceph-osd@54.service entered failed state.
Dec 12 14:29:52 C05-PT-M02 systemd: ceph-osd@54.service failed.
Dec 12 14:29:52 C05-PT-M02 ceph-osd.sh: cgroup change of group failed
Dec 12 14:29:52 C05-PT-M02 systemd: ceph-osd@99.service: main process exited, code=exited, status=82/n/a
Dec 12 14:29:52 C05-PT-M02 systemd: Unit ceph-osd@99.service entered failed state.
Dec 12 14:29:52 C05-PT-M02 systemd: ceph-osd@99.service failed.
Dec 12 14:29:52 C05-PT-M02 systemd: ceph-osd@19.service: main process exited, code=exited, status=82/n/a
Dec 12 14:29:52 C05-PT-M02 systemd: Unit ceph-osd@19.service entered failed state.
Dec 12 14:29:52 C05-PT-M02 systemd: ceph-osd@19.service failed.
Dec 12 14:29:52 C05-PT-M02 systemd: ceph-osd@2.service: main process exited, code=exited, status=82/n/a
Dec 12 14:29:52 C05-PT-M02 systemd: Unit ceph-osd@2.service entered failed state.
```

查看cgroup服务，发现服务异常

```
systemctl status cgconfig.service
```

检查下/etc/cgconfig.conf中的配置，与其他正常CVK节点的配置是否一致。发现cgroup配置不一致。

解决方法

若为双机CVM环境，CVM服务异常，则互相参考cgroup的配置

若CVK服务异常，则参考环境中正常CVK的cgroup配置：

- 1、备份老文件cp /etc/cgconfig.conf /etc/cgconfig.conf.bak
- 2、参考正常CVK配置，修改异常节点cgconfig.conf的配置文件
- 3、重启cgroup服务

```
systemctl restart cgconfig.service
```

