



## UIS 超融合集群一个mon节点异常

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### 问题描述

UIS E0721p03 6节点集群，告警维护建议：监控节点状态异常。登录监控节点后台查看进程是否存在，若不存在则通过下面的方式启动该进程。启动2分钟后，再次查看进程是否存在，若进程不存在请联系技术支持寻求帮助。 Ubuntu系统：start ceph-mon-all，CentOS系统：systemctl start ceph-mon.target



```
[root@CVK05 /]# df -l
Filesystem      Inodes    IUsed    IFree  IUse% Mounted on
devtmpfs        24551393  896      24550497  1% /dev
tmpfs           24554359  77       24554282  1% /dev/shm
tmpfs           24554359  5122     24549237  1% /run
tmpfs           24554359  17       24554342  1% /sys/fs/cgroup
/dev/sda2       6848512  6848512  0         100% /
/dev/sda1       0         0         0         - /boot/efi
/dev/sda4       1422624  8010     1414614  1% /var/log
/dev/sda6       17653760  6479     17647281  1% /vms
tmpfs           24554359  1        24554358  1% /run/user/0
/dev/sdb1       12800    24       12776    1% /var/lib/ceph/osd/ceph-0
/dev/sdd1       12800    24       12776    1% /var/lib/ceph/osd/ceph-6
/dev/sdcl       12800    24       12776    1% /var/lib/ceph/osd/ceph-3
/dev/sdel       12800    24       12776    1% /var/lib/ceph/osd/ceph-9
/dev/dm-5       3890339  2169227  1721112  56% /vms/defaultPool_hdd
/dev/dm-7       6291456  4188441  2103015  67% /vms/data
/dev/dm-4       1572864  463763  1109101  30% /vms/DZBL
/dev/dm-6       13002342 11691180 1311162  90% /vms/store
tmpfs           24554359  1        24554358  1% /run/user/994
```

发现该节点inode的根分区占满

```
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Filesystem      Inodes    IUsed    IFree  IUse% Mounted on
devtmpfs        24551393  896      24550497  1% /dev
tmpfs           24554359  77       24554282  1% /dev/shm
tmpfs           24554359  5122     24549237  1% /run
tmpfs           24554359  17       24554342  1% /sys/fs/cgroup
/dev/sda2       6848512  6848512  0         100% /
/dev/sda1       0         0         0         - /boot/efi
/dev/sda4       1422624  8010     1414614  1% /var/log
/dev/sda6       17653760  6479     17647281  1% /vms
tmpfs           24554359  1        24554358  1% /run/user/0
/dev/sdb1       12800    24       12776    1% /var/lib/ceph/osd/ceph-0
/dev/sdd1       12800    24       12776    1% /var/lib/ceph/osd/ceph-6
/dev/sdcl       12800    24       12776    1% /var/lib/ceph/osd/ceph-3
/dev/sdel       12800    24       12776    1% /var/lib/ceph/osd/ceph-9
/dev/dm-5       3890339  2169227  1721112  56% /vms/defaultPool_hdd
/dev/dm-7       6291456  4188441  2103015  67% /vms/data
/dev/dm-4       1572864  463763  1109101  30% /vms/DZBL
/dev/dm-6       13002342 11691180 1311162  90% /vms/store
tmpfs           24554359  1        24554358  1% /run/user/994
```

5. 进入根分区一层一层查看，发现是/var/spool/postfix/maildrop路径下文件过多导致inode占满  
命令：for i in /\*; do echo \$i; find \$i | wc -l; done

```
/srv
1
/storcli.log
1
/sys
202842
/tmp
84
/usr
236085
/var
6573110
/vms
6517
/xunijimoban
```

```
[root@CVK05 /]# for i in /var/spool/*; do echo $i; find $i | wc -l; done
/var/spool/abrt
1
/var/spool/abrt-upload
1
/var/spool/anacron
4
/var/spool/at
3
/var/spool/cron
1
/var/spool/lpd
1
/var/spool/mail
6
/var/spool/plymouth
1
/var/spool/postfix
6488408
```

```
[root@CVK05 ~]# for i in /var/spool/postfix/*; do echo $i; find $i | wc -l; done
/var/spool/postfix/active
1
/var/spool/postfix/bounce
1
/var/spool/postfix/corrupt
1
/var/spool/postfix/defer
1
```