

ADNET解决方案 *brick.log和*glusterfs .log日志较大导致分区磁盘利用率异常的经验案例

AD-NET解决方案 统一数字底座 路康 2天前 发表

问题描述

Matrix界面节点飘红，显示为磁盘利用率异常。

过程分析

1.参考《ADNET解决方案 如何排查磁盘利用率高问题?》案例，确认占用磁盘空间高的具体路径
<https://zhiliao.h3c.com/theme/details/226898>

2.

具体路径:

/var/log/matrix-diag/gluster/glusterfs/bricks/XXX-brick.log

/var/lib/kubelet/plugins/kubernetes.io/glusterfs/global-diaglog-pv/XXX-glusterfs .log

排查步骤参考:

```
3.76 glusterfsd.log
[root@sdncontrol03 glusterfs]# cd bricks/
[root@sdncontrol03 bricks]# du -sh * | grep G
199G  var-lib-heketti-mounts-vg_3d2f6f7c9e1fbc101a748aa9e4ee69f-brick_e0c584482844a293a1ffa48d581de69-brick.log
[root@sdncontrol03 bricks]#
[root@sdncontrol03 bricks]#
[root@sdncontrol03 bricks]# df -h | grep dev
/dev/sdb5 599G 453G 486 91% /
devtmpfs 63G 0 63G 0% /dev
tmpfs 63G 0 63G 0% /dev/shm
/dev/sda1 599G 423M 599G 1% /var/lib/etcd
/dev/sdb4 1.0T 44G 980G 5% /var/lib/sss/data
/dev/sdb2 1014M 144M 871M 15% /boot
/dev/sdb3 1.0T 13G 1066G 2% /var/lib/docker
/dev/sdb1 290M 12M 189M 5% /boot/efi
[root@sdncontrol03 bricks]# pwd
/var/log/matrix-diag/gluster/glusterfs/bricks
[root@sdncontrol03 bricks]# cd /var/lib/
[root@sdncontrol03 lib]# du -sh * | grep G
22G  docker
1.2G  var/libxkb
du: 无法访问“kubernetes.io-glusterfs/lccdm-gluster-pv”: 传输端点尚未连接
201G  kubelet
44G  sssdata
[root@sdncontrol03 lib]# cd kubelet/
[root@sdncontrol03 kubelet]# du -sh * | grep G
199G  plugins
du: 无法访问“kubernetes.io-glusterfs/lccdm-gluster-pv”: 传输端点尚未连接
du: 无法访问“kubernetes.io-glusterfs/lccdm-gluster-pv”: 传输端点尚未连接
12G  pods
[root@sdncontrol03 kubelet]# cd plugins
[root@sdncontrol03 plugins]# du -sh * | grep G
98G  subformats
[root@sdncontrol03 plugins]#
[root@sdncontrol03 plugins]#
[root@sdncontrol03 plugins]# pwd
/var/lib/kubelet/plugins
[root@sdncontrol03 plugins]#
```

解决方法

规避方案: 使用 truncate -s 10m XXX.log命令将异常日志截断即可。举例如下

```
[root@ronghe-sdn1 /]# cd /var/log/matrix-diag/gluster/glusterfs/bricks/
[root@ronghe-sdn1 bricks]# du -sh * | grep G
[root@ronghe-sdn1 bricks]#
[root@ronghe-sdn1 bricks]# ll
-bash: ll: 未找到命令
[root@ronghe-sdn1 bricks]# ll
总用量 497M
-rw-r----- 1 root root 19M 7月 12 09:42 var-lib-heketti-mounts-vg_3d2f6f7c9e1fbc101a748aa9e4ee69f-brick_1e3ba08f59a3c82c8a9d184c97ebf2f-brick.log
-rw-r----- 1 root root 57M 7月 12 09:42 var-lib-heketti-mounts-vg_3d2f6f7c9e1fbc101a748aa9e4ee69f-brick_56e28720437ab4d1c980ff1f574c5e-brick.log
-rw-r----- 1 root root 12M 7月 12 09:42 var-lib-heketti-mounts-vg_3d2f6f7c9e1fbc101a748aa9e4ee69f-brick_60df8e1f8b23b16a5da71260115f9f5-brick.log
-rw-r----- 1 root root 12M 7月 12 09:42 var-lib-heketti-mounts-vg_3d2f6f7c9e1fbc101a748aa9e4ee69f-brick_859111a94969181491922c5baead95e9-brick.log
-rw-r----- 1 root root 37M 7月 12 09:42 var-lib-heketti-mounts-vg_3d2f6f7c9e1fbc101a748aa9e4ee69f-brick_93add02a2e21f89808067e4b32114226-brick.log
-rw-r----- 1 root root 19M 7月 12 09:42 var-lib-heketti-mounts-vg_3d2f6f7c9e1fbc101a748aa9e4ee69f-brick_9e8462aac97488ff45266fb078207da-brick.log
-rw-r----- 1 root root 12M 7月 12 09:42 var-lib-heketti-mounts-vg_3d2f6f7c9e1fbc101a748aa9e4ee69f-brick_ae17ebf22c24398fac7e1b9f23b0c7d-brick.log
-rw-r----- 1 root root 13K 4月 29 01:04 var-lib-heketti-mounts-vg_3d2f6f7c9e1fbc101a748aa9e4ee69f-brick_b05bcb949ffcf2723299a55941b95c-brick.log
-rw-r----- 1 root root 19M 7月 12 09:42 var-lib-heketti-mounts-vg_3d2f6f7c9e1fbc101a748aa9e4ee69f-brick_b1e078f2d84557af8de6f1685f8bc04b-brick.log
-rw-r----- 1 root root 19M 7月 12 09:42 var-lib-heketti-mounts-vg_3d2f6f7c9e1fbc101a748aa9e4ee69f-brick_b62a021012e5bd92b58fbc0b965bc-brick.log
-rw-r----- 1 root root 19M 7月 12 09:42 var-lib-heketti-mounts-vg_3d2f6f7c9e1fbc101a748aa9e4ee69f-brick_d3f3f08265c19187d0c9af1667c53-brick.log
-rw-r----- 1 root root 59M 7月 12 09:42 var-lib-heketti-mounts-vg_3d2f6f7c9e1fbc101a748aa9e4ee69f-brick_e9d554ffae105420d8ea9ec5a4635fd-brick.log
-rw-r----- 1 root root 39M 7月 12 09:42 var-lib-heketti-mounts-vg_3d2f6f7c9e1fbc101a748aa9e4ee69f-brick_ec182c3e98aa089763797152c860f3e-brick.log
-rw-r----- 1 root root 19M 7月 12 09:42 var-lib-heketti-mounts-vg_3d2f6f7c9e1fbc101a748aa9e4ee69f-brick_e942a1b17e449c99100c1e087ee39701c-brick.log
-rw-r----- 1 root root 19M 7月 12 09:42 var-lib-heketti-mounts-vg_3d2f6f7c9e1fbc101a748aa9e4ee69f-brick_fa8bd93ac3de82311c6d7c75900631-brick.log
[root@ronghe-sdn1 bricks]#
[root@ronghe-sdn1 bricks]# truncate -s 10m var-lib-heketti-mounts-vg_3d2f6f7c9e1fbc101a748aa9e4ee69f-brick_ec182c3e98aa089763797152c860f3e-brick.log
[root@ronghe-sdn1 bricks]#
[root@ronghe-sdn1 bricks]# ll
总用量 497M
-rw-r----- 1 root root 19M 7月 12 09:42 var-lib-heketti-mounts-vg_3d2f6f7c9e1fbc101a748aa9e4ee69f-brick_1e3ba08f59a3c82c8a9d184c97ebf2f-brick.log
-rw-r----- 1 root root 57M 7月 12 09:43 var-lib-heketti-mounts-vg_3d2f6f7c9e1fbc101a748aa9e4ee69f-brick_56e28720437ab4d1c980ff1f574c5e-brick.log
-rw-r----- 1 root root 12M 7月 12 09:43 var-lib-heketti-mounts-vg_3d2f6f7c9e1fbc101a748aa9e4ee69f-brick_60df8e1f8b23b16a5da71260115f9f5-brick.log
-rw-r----- 1 root root 12M 7月 12 09:43 var-lib-heketti-mounts-vg_3d2f6f7c9e1fbc101a748aa9e4ee69f-brick_859111a94969181491922c5baead95e9-brick.log
-rw-r----- 1 root root 37M 7月 12 09:42 var-lib-heketti-mounts-vg_3d2f6f7c9e1fbc101a748aa9e4ee69f-brick_93add02a2e21f89808067e4b32114226-brick.log
-rw-r----- 1 root root 19M 7月 12 09:43 var-lib-heketti-mounts-vg_3d2f6f7c9e1fbc101a748aa9e4ee69f-brick_9e8462aac97488ff45266fb078207da-brick.log
-rw-r----- 1 root root 12M 7月 12 09:43 var-lib-heketti-mounts-vg_3d2f6f7c9e1fbc101a748aa9e4ee69f-brick_ae17ebf22c24398fac7e1b9f23b0c7d-brick.log
-rw-r----- 1 root root 13K 4月 29 01:04 var-lib-heketti-mounts-vg_3d2f6f7c9e1fbc101a748aa9e4ee69f-brick_b05bcb949ffcf2723299a55941b95c-brick.log
-rw-r----- 1 root root 19M 7月 12 09:42 var-lib-heketti-mounts-vg_3d2f6f7c9e1fbc101a748aa9e4ee69f-brick_b1e078f2d84557af8de6f1685f8bc04b-brick.log
-rw-r----- 1 root root 19M 7月 12 09:43 var-lib-heketti-mounts-vg_3d2f6f7c9e1fbc101a748aa9e4ee69f-brick_b62a021012e5bd92b58fbc0b965bc-brick.log
-rw-r----- 1 root root 19M 7月 12 09:43 var-lib-heketti-mounts-vg_3d2f6f7c9e1fbc101a748aa9e4ee69f-brick_d3f3f08265c19187d0c9af1667c53-brick.log
-rw-r----- 1 root root 10M 7月 12 09:43 var-lib-heketti-mounts-vg_3d2f6f7c9e1fbc101a748aa9e4ee69f-brick_e942a1b17e449c99100c1e087ee39701c-brick.log
-rw-r----- 1 root root 19M 7月 12 09:42 var-lib-heketti-mounts-vg_3d2f6f7c9e1fbc101a748aa9e4ee69f-brick_ec182c3e98aa089763797152c860f3e-brick.log
-rw-r----- 1 root root 19M 7月 12 09:42 var-lib-heketti-mounts-vg_3d2f6f7c9e1fbc101a748aa9e4ee69f-brick_e942a1b17e449c99100c1e087ee39701c-brick.log
-rw-r----- 1 root root 19M 7月 12 09:42 var-lib-heketti-mounts-vg_3d2f6f7c9e1fbc101a748aa9e4ee69f-brick_fa8bd93ac3de82311c6d7c75900631-brick.log
[root@ronghe-sdn1 bricks]#
```

解决方案: 升级统一数字底座E0613H12及以后版本解决。