

知 ONEStor R218P01 and UIS E0712 and later versions delete the hard disk in the background and there is information left in the foreground

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Network Topology

Deploy ONEStor R2128P01 or deploy UIS E0712 or later (Support one-click disk replacement function)

Problem Description

After deleting the hard disk in the background, an abnormal disk can be seen in the foreground, and it cannot be deleted

Process Analysis

This is because ONEStor's one-click disk replacement function saves hard disk information in the postgres database, after deleting the hard disk in the background according to maintenance guide or hard disk replacement guide, database information still remains, the foreground shows that an abnormal hard disk exists.

ID	名称	物理设备	容量	使用率	状态	操作
11	ZC1D9P04	vdb	数据盘	0.00% of 3.6362 TB	正常	删除
10	ZC1D9M46	vdb	数据盘	0.00% of 3.6362 TB	正常	删除
9	ZC1D9L46	vdb	数据盘	0.00% of 3.6362 TB	正常	删除
8	ZC1D9K04	vdb	数据盘	0.00% of 3.6362 TB	正常	删除
7	ZC1D9H00	vdb	数据盘	0.00% of 3.6362 TB	正常	删除
5	ZC1D9K47	vdb	数据盘	0.00% of 3.6362 TB	正常	删除
4	ZC1D9L46	vdb	数据盘	0.00% of 3.6362 TB	正常	删除
3	ZC1D9L42	vdb	数据盘	0.00% of 3.6362 TB	正常	删除
2	ZC1D9M46	vdb	数据盘	0.00% of 3.6362 TB	正常	删除
1	ZC1D9M46	vdb	数据盘	0.00% of 3.6362 TB	正常	删除
0	ZC1D9M46	vdb	数据盘	0.00% of 3.6362 TB	正常	删除
6	ZC1D9NZK	vdb	数据盘	格式化盘	异常	删除

Solution

Need to delete the hard disk in the background postgres database

1. Find the serial number of the abnormal disk at the foreground, as shown in the picture is ZC1D9NZK

6	ZC1D9NZK	vdb	数据盘	格式化盘	异常	删除
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2. Use `sudo -u postgres psql calamari` to enter the database in the background of the handy node, then use `delete from op_cluster_disk where sn="ZC1D9NZK"` to delete the residual information; (ZC1D9NZK is the serial number of the abnormal hard disk found)

```
[root@UIS-01 ~]# sudo -u postgres psql calamari
could not change directory to "/root": Permission denied
psql (9.3.12)
Type "help" for help.

calamari=# delete from op_cluster_disk where sn='ZC1D9NZK';
DELETE 1
```

Clean up the foreground cache after the deletion is complete, check the hard disk information in the foreground again, you can find that it has returned to normal.