



Nimble双活卷故障切换

原理架构

喻颜康

2023-11-24 发表

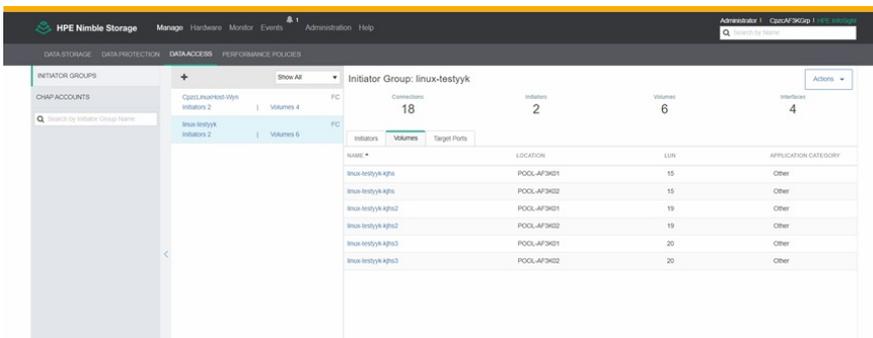
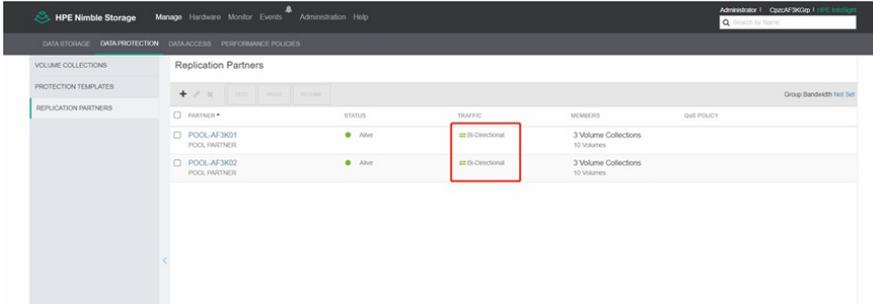
组网及说明

Nimble双活卷故障切换

配置步骤

存储池中包含，两个在源存储01存储所属的类型为upstream，可以被主机访问，AF3000 02 所属中，类型为 downstream，无法被主机访问。

目前是互备架构，则两套存储的TRAFFIC显示的都是Bi-Directional，如果是单向复制，比如upstream卷所在的存储池是 default，那么它的 TRAFFIC 显示的就是In bound，而目标存储则显示 Out bound



主机链路情况:

```
mpath (294cf2ba25664af026c9ce9000a8a5c6a) dm-8 Nimble ,Server
size=100G features='1 queue_if_no_path' hwhandler='1 alua' wp=rw
+- policy='service-time 0' prio=50 status=active
| 1:0:9:19 sdaa 65:160 active ready running
| 2:0:1:19 sdd 8:48 active ready running
+- policy='service-time 0' prio=1 status=enabled
| 1:0:8:19 sdz 65:144 active ghost running
| 2:0:2:19 sdf 8:80 active ghost running
| 1:0:10:19 sdq 65:0 active ghost running
| 1:0:11:19 sdx 65:112 active ghost running
| 2:0:3:19 sdac 65:192 active ghost running
| 2:0:4:19 sdah 66:16 active ghost running
```

```
mpath (2ae7b3fc9fccbd1946c9ce9000a8a5c6a) dm-7 Nimble ,Server
size=100G features='1 queue_if_no_path' hwhandler='1 alua' wp=rw
+- policy='service-time 0' prio=50 status=active
| 1:0:9:15 sds 65:32 active ready running
| 2:0:1:15 sdc 8:32 active ready running
+- policy='service-time 0' prio=1 status=enabled
| 1:0:8:15 sdr 65:16 active ghost running
| 2:0:2:15 sdb 8:16 active ghost running
| 1:0:10:15 sdp 8:240 active ghost running
| 1:0:11:15 sdu 65:64 active ghost running
| 2:0:3:15 sdab 65:176 active ghost running
| 2:0:4:15 sdag 66:0 active ghost running
```

```
mpath (2ae7b3fc9fccbd1946c9ce9000a8a5c6a) dm-7 Nimble ,Server
size=100G features='1 queue_if_no_path' hwhandler='1 alua' wp=rw
+- policy='service-time 0' prio=50 status=active
| 1:0:9:15 sds 65:32 active ready running
| 2:0:1:15 sdc 8:32 active ready running
+- policy='service-time 0' prio=1 status=enabled
| 1:0:8:15 sdr 65:16 active ghost running
| 2:0:2:15 sdb 8:16 active ghost running
| 1:0:10:15 sdp 8:240 active ghost running
| 1:0:11:15 sdu 65:64 active ghost running
| 2:0:3:15 sdab 65:176 active ghost running
| 2:0:4:15 sdag 66:0 active ghost running
```

```
1707:7> dmsetup info dm-9
mpaths (207b328569258f6e86c9ce9000a8a5c6a) dm-9 Nimble ,Server
size=100G features='1 queue_if_no_path' hwhandler='1 alua' wp=rw
|+- policy='service-time 0' prio=50 status=active
| |+- 1:0:9:20 sdae 65:224 active ready running
| |`- 2:0:1:20 sde 8:64 active ready running
|`- policy='service-time 0' prio=1 status=enabled
```