



CXone Mpower EXPERT

执行“ network FCP zone show ”命令后、 Brocade 交换机降级并定义的配置变为空

https://kb-cn-stage.netapp.com/on-prem/Switches/Brocade-KBs/Brocade_switch_degraded_network_fc...

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适用场景

- Brocade FC交换机
- FOS v8.2-1至v8.2.1D
- FOS 8.2.2至8.2.2版
- Emulex 目标端口(ONTAP 9.7P4之前的版本)
- QLogic目标端口(ONTAP 9.8之前的版本)

问题描述

- `network fcp zone show`对逻辑端口(ONTAP 9.8之前的版本)或Emulex端口(ONTAP 9.7P4之前的版本)发出命令将发生原因传输一个GAZS请求帧、该请求帧要求交换机使用有限的响应有效负载大小(4096字节)。
- 如果请求的偏移量恰好位于活动分区数据库中的特定位置、则可能会发生以下情况：
 - Brocade GAZS ACC可能包含不正确的字段。

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- 在这种情况下、区域数据库在处理命令后也会损坏、并且在区域成员列表的末尾会保留一个额外的分号(之后可以包含或不包含额外的字符、如上所示)。
- 启用此损坏的分区配置还会影响网络结构中设备的流量。
- 损坏的GAZS ACC可能会将network fcp zone show发出命令的NetApp控制器发生原因为崩溃状态。

此问题描述的症状包括：

- 已定义的分区配置数据库已删除、HA同步丢失、并验证备用CP上显示的错误
- 网络结构已分段、原因为"分段区域冲突"
- 日志中的错误：

```
2020/03/27-10:46:03, [ZONE-1062], 2850, FID 128, WARNING, switch, Defined and
Effective zone configurations are inconsistent.
2020/03/27-10:46:17, [RCS-1006], 2851, FID 128, INFO, switch, State 2,
Application Zoning AD0, RCS CM. Domain 7 returned 0x8. App Response Code 3.
2020/03/27-10:46:17, [ZONE-1019], 2852, FID 128, ERROR, switch, Transaction
Commit failed. Reason code 3 (3) - "Sfc Was Rejected: Remote Switch Unable To
Process".
```

- 区域成员列表的末尾会保留一个额外的分号

```
zone.AXIN118A_F8B0_VSP97710_PG101_6J:AXIN118A_F8B0;VSP97710_PG101_6J
zone.AXIN118B_B0E2_VSP98242_P09_4C:AXIN118B_B0E2;VSP98242_P09_4C
zone.AXIN118B_B0E2_VSP98242_P09_4L:AXIN118B_B0E2;VSP98242_P09_4L
zone.AXIN120A_21A2_VSP97710_PG103_8J:AXIN120A_21A2;VSP97710_PG103_8J
zone.AXIN121A_A974_VSP97710_PG103_8J:AXIN121A_A974;VSP97710_PG103_8J;
zone.AXIN122A_1FB6_VSP97710_PG104_4M:AXIN122A_1FB6;VSP97710_PG104_4M
zone.AXIN123A_A66C_VSP97710_PG104_4M:AXIN123A_A66C;VSP97710_PG104_4M
zone.AXPR106A_73C4_VSP97710_PG101_6J:AXPR106A_73C4;VSP97710_PG101_6J
```

- 区域成员列表末尾会保留一个额外的分号、后跟一些额外的字符(即、不是有效的别名条目)：

```
zone|AXIN118A_F8B0_VSP97710_PG101_6J:AXIN118A_F8B0;VSP97710_PG101_6J
zone.AXIN118B_B0E2_VSP98242_P09_4C:AXIN118B_B0E2;VSP98242_P09_4C
zone.AXIN118B_B0E2_VSP98242_P09_4L:AXIN118B_B0E2;VSP98242_P09_4L
zone.AXIN120A_21A2_VSP97710_PG103_8J:AXIN120A_21A2;VSP97710_PG103_8J
zone.AXIN121A_A974_VSP97710_PG103_8J:AXIN121A_A974;VSP97710_PG103_8J;04PS
zone.AXIN122A_1FB6_VSP97710_PG104_4M:AXIN122A_1FB6;VSP97710_PG104_4M
zone.AXIN123A_A66C_VSP97710_PG104_4M:AXIN123A_A66C;VSP97710_PG104_4M
zone.AXPR106A_73C4_VSP97710_PG101_6J:AXPR106A_73C4;VSP97710_PG101_6J
```