



Brocade交换机的F端口上的端口带宽超额预订

https://kb-cn-stage.netapp.com/on-prem/Switches/Brocade-KBs/Brocade_switch_has_port_bandwidth_...
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适用场景

- Brocade SAN交换机
- 光纤操作系统(FOS)
- 监控和报告策略套件(MAP)

问题描述

- `errdump` 或者、`Web`工具会显示 `PORT_BANDWIDTH==OVERSUBSCRIBED` 类似于以下内容的警报：

```
Condition=ALL_PORTS(PORT_BANDWIDTH==OVERSUBSCRIBED), Current Value:[PORT_BANDWIDTH,
OVERSUBSCRIBED, (TXQL=464 us, TX=96.5%) ], RuleName=defALL_PORTS_OVERSUBSCRIBED,
Dashboard Category=Fabric Performance Impact, Quiet Time=15 min.
```

- `mapsdb --show` 存在与 `defALL_PORTS_OVERSUBSCRIBED`以下内容相关的规则违规：

3.2 Rules Affecting Health:

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```

Category(Violation Count)|RepeatCount|Rule Name |Execution Time |Object
|Triggered Value(Units)|
-----
Fabric Performance Impact|1 |defALL_PORTS_OVERSUBSCRIBED|02/22/24 18:25:57|F-
Port 59 |OVERSUBSCRIBED |

```

- 受影响的端口是连接到 具有8G带宽的主机的F端口：

```

/fabos/bin/switchshow :
[...]
Index Port Address Media Speed State Proto
=====
59 59 043b00 id N8
Online FC F-Port 1 N Port + 6 NPIV public

```

- 这些主机正在访问的存储具有32 G带宽：

```

/fabos/bin/switchshow :
[...]
Index Port Address Media Speed State Proto
=====
0 0 040000 id N32 Online FC F-Port 1 N Port + 5 NPIV public

```

- 主机和存储连接到同一交换机。