



CXone Mpower EXPERT

ONTAP SAN无法访问VMware数据存储库

https://kb-cn-stage.netapp.com/on-prem/ontap/da/SAN/SAN-KBs/ONTAP_SAN_lost_access_to_VMwa...

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适用场景

- ONTAP 9.8及更高版本
- VMware ESXi 8 U2
- Brocade FC 交换机

问题描述

- 从9.7版 VMware vSphere更新ONTAP后不久、VMware vSphere会报告"由于连接问题、无法访问卷1234。正在进行恢复尝试，不久将报告结果"
- 定期报告在 其他服务的工作负载较高时无法访问VMware数据存储库
- 网络结构和多路径路径运行状况良好
- LUN延迟峰值非常高、与另一个工作负载的加速 同时、卷延迟也非常低
- 工作负载的性能归档表示QoS最小吞吐量延迟非常高

示例：

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ONTAP :**EMS日志:**

```
qos_vd_window_manager: qos.VioDet.maxThrottle:notice]: QoS violation limit for NODE  
xy is 1000 IOPS
```

VMware :**vobd.log :**

```
vobd[2098027]: [vmfsCorrelator] 3596269549259us: [vob.vmfs.heartbeat.timedout] xyz  
SVM_abc
```

```
vobd[2098027]: [vmfsCorrelator] 3596244876022us:  
[esx.problem.vmfs.heartbeat.timedout] xyz SVM_abc
```

vmkernel.log :

```
vmkernel: cpu9:2097307)NMP: nmp_ThrottleLogForDevice:3863: Cmd 0x89 (0x4, 8) to dev  
"naa.600a01234
```

```
17251" on path "vmhba4:C0:T13:L13" Failed:
```

```
vmkernel: cpu9:2097307)NMP: nmp_ThrottleLogForDevice:3863: Cmd 0x89 (0x4, 8) to  
naa.600a01234
```

存储路径上的ATS命令失败:

```
vmkernel: cpu9:2097307)NMP: nmp_ThrottleLogForDevice:3863: Cmd 0x89 (0x45ba0179a3c0,  
2097288) to dev "naa.600a01234" on path "vmhba4:C0:T13:L13" Failed:
```