



SnapMirror Cloud Restore 后无法访问 CIFS

https://kb-cn-stage.netapp.com/on-prem/ontap/Perf/Perf-KBs/CIFS_inaccessible_after_Snapmirror_Clo...

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适用场景

- Cloud Volumes ONTAP 9.10.1
- CIFS
- SnapMirror 云还原

问题描述

- SnapMirror 云还原后，CIFS 共享将无法访问，操作超时。
- 事件日志错误类似于：

```
Mon Feb 28 12:11:50 1100 [node01: kernel: Nblade_CifsOperationTimedOut_1:error]:  
params: {'remoteBladeID': '3855f5a6-7d64-11ec-b35a-4d5fcf2e348d (node01)',  
'cmdRestartCnt': '0', 'vserverId': '3', 'commandName': 'SMB2_COM_CREATE',  
'isQosEnabled': 'QoS_disabled', 'lastSpinNpError': 'SPINNP_NO_FO_ERROR',  
'localIpAddress': '10.10.100.143', 'lastCsmError': 'CSM_BACKPRESSURE',  
'clientIpAddress': '10.10.255.121', 'vserverName': 'svmtest', 'suspensionCnt':
```

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```
'2069', 'dsId': '1037'}
Mon Feb 28 12:16:51 1100 [node-01: kernel: ems.engine.suppressed:debug]: Event
'Nblade.CifsOperationTimedOut' suppressed 51 times in last 293 seconds.
Mon Feb 28 12:26:57 1100 [node01: kernel: Nblade_CifsOperationTimedOut_1:error]:
params: {'remoteBladeID': '3855f5a6-7d64-11ec-b35a-4d5fcf2e348d (node01)',
'cmdRestartCnt': '0', 'vserverId': '3', 'commandName': 'SMB2_COM_TREE_CONNECT',
'isQosEnabled': 'QoS_disabled', 'lastSpinNpError': 'SPINNP_NO_FO_ERROR',
'localIpAddress': '10.10.100.143', 'lastCsmError': 'CSM_BACKPRESSURE',
'clientIpAddress': '10.10.255.126', 'vserverName': 'svmtest', 'suspensionCnt':
'2065', 'dsId': '1031'}
```

- **SMB2 创建和树连接请求的高延迟 ~40**

```
cluster::*> statistics show-periodic -object smb2 -counter create_latency|tree_connect_latency -instance <svm> -
summary false -interval 10 cluster: smb2.svmtest: 3/15/2022 14:36:37 tree create connect latency latency -----
----- 42332159us 44us 42332191us 42us 42331286us 42335102us 42332996us 0us
```

- 在数据包跟踪中，**SMB2 树连接和创建请求失败，并在 40 秒后显示 status_internal_error**。

```
No. delta src dst PROT TCP_Len Response_time Info 135676 0.061154000 10.10.100.143 10.10.168.244
SMB2 77 [TCP ACKed unseensegment] Create Response, Error: STATUS_INTERNAL_ERROR 135680 0.
012470000 10.10.168.244 10.10.100.143 SMB2 648 Create Request File: FASHION-2022-006_22_14_08_09.
pdf 155007 0.001199000 10.10.100.143 10.10.168.242 SMB2 77 40.014543000 Create Response,Error:
STATUS_INTERNAL_ERROR 155012 0.006675000 10.10.168.242 10.10.100.143 SMB2 568 Create Request
File: FILES_Output.xml 182225 0.000102000 10.10.100.143 10.10.168.246 SMB2 77 40.014702000 Tree
Connect Response, Error: STATUS_INTERNAL_ERROR 182238 0.001300000 10.10.168.246 10.10.100.143
SMB2 120 Tree Connect Request Tree: \10.10.100.143group7$ 185087 0.042234000 10.10.100.143 10.10.168.
244 SMB2 77 Create Response, Error: STATUS_INTERNAL_ERROR 185088 0.007147000 10.10.168.244 10.
10.100.143 SMB2 284 Create Request File: NShareTele 195602 0.002420000 10.10.100.143 10.10.168.248
SMB2 77 Tree Connect Response, Error: STATUS_INTERNAL_ERROR 195604 0.005818000 10.10.168.248
10.10.100.143 SMB2 120 Tree Connect Request Tree: \10.10.100.143group7$ 220790 0.088176000 10.10.100.
143 10.10.168.241 SMB2 77 40.010021000 Tree ConnectResponse, Error: STATUS_INTERNAL_ERROR
220791 0.005019000 10.10.168.241 10.10.100.143 SMB2 120 Tree Connect Request Tree: \10.10.100.
143group9$ 226800 0.019917000 10.10.100.143 10.10.168.244 SMB2 77 40.005785000 Create Response,
Error: STATUS_INTERNAL_ERROR 226803 0.052802000 10.10.168.244 10.10.100.143 SMB2 648 Create
Request File: FFASHION-2022-006_22_14_08_09.pdf 270263 0.118639000 10.10.100.143 10.10.168.242
SMB2 77 40.002190000 Create Response, Error: STATUS_INTERNAL_ERROR
```