存储接口 (LIF) 丢弃 ICMP 数据包导致延迟

适用场景

- ONTAP 9
- SMB
- NFS

问题描述

- 主机尝试 ping cifsserver，但没有收到响应，则报告如下错误：

```
05/12/2023 11:54:56:251 | 03 | 040 | p5136 | t1096 | GetVolumeStatus |
DiskMonitorThread.cpp(117) | Successful attempt to ping the location:
\\cifsserver.LOCAL\file01
05/12/2023 11:54:56:380 | 03 | 015 | p5136 | t1096 | TestWriteAccess |
```

```
DiskMonitorThread.cpp(32) | Fail test write access: A device attached to
the system is not functioning.
```

- 洪水ping 使用-f 在 Linux 中，iscsi lif 报告数据包丢失，结果
- icmp.ping.throttle 当系统在一秒的时间间隔内收到大量 ICMP ping 数据包时，就会发生这种情况。
- EMS 日志中显示以下事件：

```
Wed Nov 29 12:54:43 +0530 [NODE-01: kernel: icmp.ping.throttle:notice]:
icmp_input: The system dropped 2180 ping packets after limiting the
packets to 200 per second.
Wed Nov 29 13:04:44 +0530 [NODE-01: kernel: icmp.ping.throttle:notice]:
icmp_input: The system dropped 4522 ping packets after limiting the
packets to 200 per second.
Wed Nov 29 13:14:46 +0530 [NODE-01: kernel: icmp.ping.throttle:notice]:
icmp_input: The system dropped 2013 ping packets after limiting the
packets to 200 per second.
Wed Nov 29 13:24:47 +0530 [NODE-01: kernel: icmp.ping.throttle:notice]:
icmp_input: The system dropped 3477 ping packets after limiting the
packets to 200 per second.
```