



CXone Mpower EXPERT

ifgrp 顺序分发的网络性能较差

https://kb-cn-stage.netapp.com/on-prem/ontap/OHW/OHW-KBs/Poor_network_performance_from_ifgrp...

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适用场景

- ONTAP 9
- 具有顺序分发的接口组

问题描述

- 操作延迟较长，网络吞吐量较差
- 数据包跟踪中明显存在大量 TCP 无序帧（> 1%）

```
% tshark -r tcpdump_s300.pcap -Y 'tcp.analysis.out_of_order' 7 0.000051 0.000000000 10.0.6.8 10.0.6.6 TCP
2049,978 [TCP Out-Of-Order] 2049 → 978 [ACK] Seq=1351561750 Ack=971185171 Win=30841 Len=8948
TSval=2423401583 TSecr=2663433141 9 0.000059 0.000008000 10.0.6.8 10.0.6.6 TCP 2049,978 [TCP Out-Of-
Order] 2049 → 978 [ACK] Seq=1351588910 Ack=971185171 Win=30841 Len=8948 TSval=2423401583
TSecr=2663433141 11 0.000067 0.000008000 10.0.6.8 10.0.6.6 TCP 2049,978 [TCP Out-Of-Order] 2049 →
978 [ACK] Seq=1351570698 Ack=971185171 Win=30841 Len=8948 TSval=2423401583 TSecr=2663433141
```

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13 0.000076 0.000009000 10.0.6.8 10.0.6.6 TCP 2049,978 [TCP Out-Of-Order] 2049 → 978 [ACK]
Seq=1351597858 Ack=971185171 Win=30841 Len=17896 TSval=2423401583 TSecr=2663433141 15 0.
000086 0.000010000 10.0.6.8 10.0.6.6 TCP 2049,978 [TCP Out-Of-Order] 2049 → 978 [ACK]
Seq=1351579646 Ack=971185171 Win=30841 Len=624 TSval=2423401583 TSecr=2663433141 17 0.000094
0.000008000 10.0.6.8 10.0.6.6 TCP 2049,978 [TCP Out-Of-Order] 2049 → 978 [ACK] Seq=1351615754
Ack=971185171 Win=30841 Len=9256 TSval=2423401583 TSecr=2663433141 28 0.000317 0.000223000 10.0.
6.8 10.0.6.6 TCP 2049,978 [TCP Out-Of-Order] 2049 → 978 [ACK] Seq=1351687214 Ack=971185171
Win=30841 Len=8948 TSval=2423401583 TSecr=2663433150 32 0.000344 0.000027000 10.0.6.8 10.0.6.6
TCP 2049,978 [TCP Out-Of-Order] 2049 → 978 [ACK] Seq=1351696162 Ack=971185171 Win=30841
Len=8948 TSval=2423401583 TSecr=2663433150 46 0.000475 0.000131000 10.0.6.8 10.0.6.6 TCP 2049,978
[TCP Out-Of-Order] 2049 → 978 [ACK] Seq=1351768178 Ack=971185171 Win=30841 Len=8948
TSval=2423401583 TSecr=2663433150 48 0.000483 0.000008000 10.0.6.8 10.0.6.6 TCP 2049,978 [TCP Out-
Of-Order] 2049 → 978 [ACK] Seq=1351777126 Ack=971185171 Win=30841 Len=8948 TSval=2423401583
TSecr=2663433150