



NFSv4 access issue due to NFS4ERR_BAD_SEQID error when sequenceID is higher than 0x0ffffff



https://kb.netapp.com/Advice_and_Troubleshooting/Miscellaneous/NFSv4_access_issue_due_to_NFS...

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Applies to

- Clustered Data ONTAP
- NFSv4 (only)

Issue

In the packet trace, the network logical interface (LIF) responds with the NFS4ERR_BAD_SEQID error since the first time the client initiated a request with SequenceID higher than 0x0ffffff (7f).

Example from a client trace with the issue:

34439 4.480970	10.167.0.196	10.186.91.4	0x0fffffc,0x00000001	V4 Call (Reply In 34440) CLOSE StateID: 0x6ebf
34440 4.481182	10.186.91.4	10.167.0.196	0x00000001	V4 Reply (Call In 34439) CLOSE
34441 4.481246	10.167.0.196	10.186.91.4		V4 Call (Reply In 34442) ACCESS FH: 0x97ba6aa8, [Check: RD LU MD XT DL]
34442 4.481508	10.186.91.4	10.167.0.196		V4 Reply (Call In 34441) ACCESS, [Allowed: RD LU MD XT DL]
34443 4.481588	10.167.0.196	10.186.91.4	0x0fffffd	V4 Call (Reply In 34444) OPEN DH: 0x97ba6aa8/81f6d6e614b242081775ef5032412e18c0ab81
34444 4.482045	10.186.91.4	10.167.0.196	0x00000001	V4 Reply (Call In 34443) OPEN StateID: 0x7e13
34445 4.482100	10.167.0.196	10.186.91.4	0x0fffffe,0x00000001	V4 Call (Reply In 34446) CLOSE StateID: 0x7e13
34446 4.482300	10.186.91.4	10.167.0.196	0x00000001	V4 Reply (Call In 34445) CLOSE
34447 4.482338	10.167.0.196	10.186.91.4	0x0ffffff	V4 Call (Reply In 34448) OPEN DH: 0x97ba6aa8/81f6d6e614b242081775ef5032412e18c0ab81
34448 4.482703	10.186.91.4	10.167.0.196	0x00000001	V4 Reply (Call In 34447) OPEN StateID: 0x7a38
34449 4.482753	10.167.0.196	10.186.91.4	0x10000000,0x00000001	V4 Call (Reply In 34450) CLOSE StateID: 0x7a38
34450 4.482916	10.186.91.4	10.167.0.196		V4 Reply (Call In 34449) CLOSE Status: NFS4ERR_BAD_SEQID
34451 4.482974	10.167.0.196	10.186.91.4		V4 Call (Reply In 34452) ACCESS FH: 0xc3a8e37, [Check: RD LU MD XT DL]
34452 4.483245	10.186.91.4	10.167.0.196		V4 Reply (Call In 34451) ACCESS, [Allowed: RD LU MD XT DL]
34453 4.483328	10.167.0.196	10.186.91.4	0x10000000	V4 Call (Reply In 34454) OPEN DH: 0xc3a8e37/9691d111de31d00442f634f9510d99bfcc529f
34454 4.483671	10.186.91.4	10.167.0.196	0x00000001	V4 Reply (Call In 34453) OPEN StateID: 0x726e
34455 4.483734	10.167.0.196	10.186.91.4	0x10000001,0x00000001	V4 Call (Reply In 34456) CLOSE StateID: 0x726e
34456 4.483885	10.186.91.4	10.167.0.196		V4 Reply (Call In 34455) CLOSE Status: NFS4ERR_BAD_SEQID
34457 4.483938	10.167.0.196	10.186.91.4	0x10000001	V4 Call (Reply In 34458) OPEN DH: 0xc3a8e37/9691d111de31d00442f634f9510d99bfcc529f
34458 4.484323	10.186.91.4	10.167.0.196	0x00000001	V4 Reply (Call In 34457) OPEN StateID: 0x4fe7
34459 4.484374	10.167.0.196	10.186.91.4	0x10000002,0x00000001	V4 Call (Reply In 34460) CLOSE StateID: 0x4fe7
34460 4.484511	10.186.91.4	10.167.0.196		V4 Reply (Call In 34459) CLOSE Status: NFS4ERR_BAD_SEQID