



FlexCache origin write failures caused by IPFW state exhaustion on port 11105

https://kb.netapp.com/on-prem/ontap/da/NAS/NAS-KBs/FlexCache_origin_write_failures_caused_by_I...

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Applies to

- NetApp ONTAP 9
- FlexCache
- WAN
- NFS

Issue

- FlexCache origin write operations can fail or appear hung even though the origin volume remains online.
- Clients can report write failures, hangs, or intermittent access problems while using FlexCache.

- EMS may report `ipfw.ReachedMaxStates` when the node cannot allocate additional firewall keep-state entries.
 - `[node-##: OscHighPriThreadPoo: ipfw.ReachedMaxStates:notice]: The ipfw firewall failed to create dynamic "keep-state" entry. Reason: Dynamic entries for 'keep-state' rules allocation failure, current # of entries: 31446. Recent connections reaching this limit: [intercluster_lif]:47238->[intercluster_lif]:11105 (TCP):32272`
- In some environments, `Nblade.dBladeNoResponse` and `csm_createSessionFailed` can also appear once new intercluster connections can no longer be created.
- The problem is typically associated with a large number of persistent FlexCache / CSM connections on TCP port 11105.
- The issue can become more visible after topology growth, peer changes, or node reboots when large numbers of sessions are re-established.