



## IPFW 防火墙无法创建动态 "keep-state" 条目可能会导致 DNS 中断

[https://kb-cn.netapp.com/on-prem/ontap/da/NAS/NAS-KBs/IPFW\\_firewall\\_failed\\_to\\_create\\_dynamic\\_k...](https://kb-cn.netapp.com/on-prem/ontap/da/NAS/NAS-KBs/IPFW_firewall_failed_to_create_dynamic_k...)

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### 适用于

- ONTAP 9
- 对象存储

### 问题

- 当 ONTAP 被配置为将对象存储用作聚合，并且无法连接到对象存储服务器时，ONTAP 可能会遇到与其他服

## 服务器的连接问题

- "ipfw.ReachedMaxStates" 的 EMS 事件：

```
[?] Tue Nov 15 16:51:25 1100 [node1: OscHighPriThreadPoo:
ems.engine.suppressed:debug]: Event 'ipfw.ReachedMaxStates' suppressed 1532977
times in last 61 seconds.
[?] Tue Nov 15 16:51:25 1100 [node1: 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: 32800. Recent connections reaching this limit:
[10.1.1.1]:14040->[10.22.33.44]:80 (TCP):32800;
[10.2.2.1]:14036->[10.22.33.44]:80 (TCP):32800;
[10.3.3.1]:14037->[10.22.33.44]:80 (TCP):32800;
[10.4.4.1]:14038->[10.22.33.44]:80 (TCP):32800;
[10.5.5.5]:14039->[10.22.33.44]:80 (TCP):32800;
```