



由于 SMB 调整操作过多而导致的延迟较长

https://kb-cn-stage.netapp.com/on-prem/ontap/Perf/Perf-KBs/High_latency_from_excessive_SMB_TRI...

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适用场景

- ONTAP 9.5
- ONTAP 9.6

问题描述

- CIFS 延迟极高，尤其是对于 "其他" 操作
- 数量众多 `ioctl_fsctl_file_level_trim_ops`，延迟极高。

```
::*> statistics show-periodic -object smb2 -instance svmttest -counter ioctl_fsctl_file_level_trim_ops|ioctl_fsctl_file_level_trim_latency cluster: smb2.svmttest: 10/19/2020 15:23:25 ioctl_fsctl_file_level ioctl_fsctl_file_level trim trim latency ops ----- 50854.31us 1385.47 52302.41us 1318.84 53776.76us 1484.94 55285.58us 1387.76 56934.23us 1323.12
```

- CPU 争用率高，以 WAFL 消息延迟表示。
 - 值大于 1 毫秒可能表示 CPU 争用

```
::*> statistics show-periodic -object waf1 -counter avg_waf1_msg_latency -node node_1 -instance waf1 cluster1:  
waf1.waf1: 10/16/2020 18:25:28 avg_waf1 msg Complete Number of latency Aggregation Constituents -----  
----- 14.91ms n/a n/a 23.25ms n/a n/a 19.72ms n/a n/a 17.34ms n/a n/a 19.09ms n/a n/a
```