



## CONAP-400019 : NVRAM单节点报告"QP WAFL的发送队列已满"时出现"QP日志未同步"SFO"错误

<https://kb-cn-stage.netapp.com/on-prem/ontap/OHW/OHW-Issues/CONTAP-400019>

Updated: Wed, 22 Apr 2026 08:48:07 GMT

### 问题描述

- HA对中的两个节点偶尔会报告"HA NVRAM日志未同步"消息。示例：

```
::> storage failover show -field reason
node      reason
-----
node_name-1 "NVRAM log not synchronized"
node_name-2 "NVRAM log not synchronized"
2 entries were displayed.
```

- ONTAP事件消息系统报告：

```
Fri Feb 14 12:55:32 +0100 [node_name-1: wafl_exempt03: rdma.rlib.queue.full:notice]:
Send queue of QP WAFL is full.
...
Fri Feb 14 12:55:33 +0100 [node_name-1: cf_main:
cf.fsm.takeoverOfPartnerDisabled:error]: Failover monitor: takeover of node_name-2
```

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disabled (unsynchronized log).

```
Fri Feb 14 12:55:33 +0100 [node_name-1: cf_main:  
cf.fsm.takeoverByPartnerDisabled:error]: Failover monitor: takeover of node_name-1  
by node_name-2 disabled (unsynchronized log).
```

cleared after a few seconds:

```
Fri Feb 14 12:55:50 +0100 [node_name-1: cf_main:  
cf.fsm.takeoverByPartnerEnabled:notice]: Failover monitor: takeover of node_name-1  
by node_name-2 enabled
```

- 配对节点中的等效消息：

```
Fri Feb 14 12:55:34 +0100 [node_name-2: cf_main:  
cf.fsm.takeoverOfPartnerDisabled:error]: Failover monitor: takeover of node_name-1  
disabled (unsynchronized log).
```

```
Fri Feb 14 12:55:34 +0100 [node_name-2: cf_main:  
cf.fsm.takeoverByPartnerDisabled:error]: Failover monitor: takeover of node_name-2  
by node_name-1 disabled (unsynchronized log).
```

...

```
Fri Feb 14 12:55:43 +0100 [node_name-2: cf_main:  
cf.fsm.takeoverByPartnerEnabled:notice]: Failover monitor: takeover of node_name-2  
by node_name-1 enabled
```

```
Fri Feb 14 12:55:51 +0100 [ClusterA-02: cf_main:  
cf.fsm.takeoverOfPartnerEnabled:notice]: Failover monitor: takeover of node_name-1  
enabled
```

- 互连端口和连接未发现错误或问题