



发生 `nv.partner.size.mismatch` 警报

https://kb-cn-stage.netapp.com/on-prem/ontap/OHW/OHW-KBs/nv.partner.size.mismatch_alert_occurs

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适用场景

- ONTAP 9
- FAS/AFF

问题描述

- `cf.rv.notConnected` 和 `nv.partner.size.mismatch` 会同时出现在两个节点上。
- 下面是 EMS 日志报告。

示例：

```
[?] Sun Mar 21 05:04:58 +0900 [Node-1: raidio_thread:  
nvmm.mirror.aborting:debug]: mirror of sysid 1, partner_type HA Partner and  
mirror state MIRROR_ONLINE is aborted because of reason Abort Pending.  
[?] Sun Mar 21 05:04:58 +0900 [Node-1: nvram_sync:
```

```

nvmm.mirror.offlined:debug]: params: {'mirror': 'HA Partner Mirror
Offlined'}
[?] Sun Mar 21 05:04:58 +0900 [Node-1: rendezvous_proc:
cf.rv.notConnected:alert]: HA interconnect: Connection for 'cfo_rv' failed.
[?] Sun Mar 21 05:04:58 +0900 [Node-1: nic_mgr: cf.nm.nicViError:info]: HA
interconnect: NIC 0 has an error on RAID VI (virtual interface #9):
SEND_DESC_TIMEOUT 12.
[?] Sun Mar 21 05:04:58 +0900 [Node-1: nic_mgr: cf.nm.nicReset:notice]: HA
interconnect: Initiating soft reset on card 0 due to rendezvous reset.
[?] Sun Mar 21 05:04:59 +0900 [Node-1: cf_firmware:
cf.fm.partnerFwTransition:info]: params: {'progresscounter': '0',
'newstate': 'SF_UNKNOWN', 'prevstate': 'SF_UP'}
[?] Sun Mar 21 05:04:59 +0900 [Node-1: cf_main:
cf.fsm.takeoverByPartnerDisabled:error]: Failover monitor: takeover of
Node-1 by Node-2 disabled (HA interconnect error. Verify that the partner
node is running and that the HA interconnect cabling is correct, if
applicable. For further assistance, contact technical support).

[?] Sun Mar 21 05:05:01 +0900 [Node-1: nvram_sync:
nvmm.mirror.disabled:debug]: params: {'mirror': 'HA Partner Mirror
Disabled'}
[?] Sun Mar 21 05:05:01 +0900 [Node-1: nvram_sync:
nv.partner.size.mismatch:alert]: CF monitor: NVRAM size mismatch between
nodes detected; node requires 661651456 bytes, partner exported 0 bytes.
[?] Sun Mar 21 05:05:02 +0900 [Node-1: cf_main:
cf.fsm.takeoverByPartnerDisabled:error]: Failover monitor: takeover of
Node-1 by Node-2 disabled (NVRAM size mismatch).
[?] Sun Mar 21 05:05:05 +0900 [Node-1: cf_main:
cf.fsm.takeoverOfPartnerDisabled:error]: Failover monitor: takeover of
Node-2 disabled (NVRAM size mismatch).

```

- 错误会自动恢复。

示例：

```

[?] Sun Mar 21 05:05:05 +0900 [Node-1: rv_assist_proc:
ems.engine.suppressed:debug]: Event 'cf.rv.flush.handleExchange' suppressed
2 times in last 2809539 seconds.
[?] Sun Mar 21 05:05:05 +0900 [Node-1: rv_assist_proc:
cf.rv.flush.handleExchange:info]: HA interconnect: Flushing is active.
[?] Sun Mar 21 05:05:06 +0900 [Node-1: rv_assist_proc:

```

```
nvmm.mirror.enabled:debug]: params: {'mirror': 'HA Partner Mirror Enabled'}
[?] Sun Mar 21 05:05:06 +0900 [Node-1: rendezvous_proc:
cf.rv.connected:info]: HA interconnect: Connection for 'cfo_rv' succeeded.
[?] Sun Mar 21 05:05:06 +0900 [Node-1: cf_main:
cf.fsm.takeoverByPartnerDisabled:error]: Failover monitor: takeover of
Node-1 by Node-2 disabled (unsynchronized log).
[?] Sun Mar 21 05:05:06 +0900 [Node-1: cf_firmware:
cf.fm.partnerFwTransition:info]: params: {'progresscounter': '2816232',
'newstate': 'SF_UP', 'prevstate': 'SF_UNKNOWN'}
[?] Sun Mar 21 05:05:07 +0900 [Node-1: cf_main:
cf.fsm.takeoverOfPartnerDisabled:error]: Failover monitor: takeover of
Node-2 disabled (unsynchronized log).
[?] Sun Mar 21 05:05:12 +0900 [Node-1: nvram_sync:
nvmm.mirror.onlined:debug]: params: {'mirror': 'HA Partner Mirror Onlined'}
[?] Sun Mar 21 05:05:12 +0900 [Node-1: cf_main:
cf.fsm.takeoverByPartnerEnabled:notice]: Failover monitor: takeover of
Node-1 by Node-2 enabled
```