



## 已中止对配对系统进行优化接管、无法禁用BDFU

[https://kb-cn-stage.netapp.com/on-prem/ontap/OHW/OHW-KBs/Optimized\\_takeover\\_of\\_partner\\_aborte...](https://kb-cn-stage.netapp.com/on-prem/ontap/OHW/OHW-KBs/Optimized_takeover_of_partner_aborte...)

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### 适用场景

- FAS
- ONTAP 9

### 问题描述

- 无法在 `storage failover takeover` 自动无中断升级(ANDU)期间接管配对系统。
- `takeover`命令成功、但接管最终失败；输出 `storage failover show-takeover`：

```
Node      Node Status      Aggregate      Takeover Status
-----
node01    Optimized takeover
          of partner aborted.
          Run the command
          "storage failover
```

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```
show-takeover -node
node02" to display
the relocation
status of the
the partner.      -      -
```

```
node02    Optimized takeover
          by partner aborted.
          SFO aggregates Failed, could not disable
          background disk firmware
          updates (BDFU) on node01.
          Wait a few minutes then try
          the operation again.
          CFO aggregates Not attempted yet.
```

- 在BDFU升级后、有一个磁盘仍保持脱机状态(无通知、它已恢复联机):

```
[?] Mon Feb 10 12:01:18 CET [node01: bg_disk_fw_update_a: bdfu.selected:info]:
Disk 0a.10.5 [NETAPP X423_TA14E900A10 NA01] S/N [A1B2C34DE5FG] selected for
background disk firmware update.
[?] Mon Feb 10 12:01:18 CET [node01: config_thread:
raid.disk.assign.offline_ref:notice]: aggregate /aggr1/plex0/rg1/3a.12.11
assigned as an offline reference storage for /aggr1/plex0/rg1/0a.10.5.
[?] Mon Feb 10 12:01:18 CET [node01: config_thread:
raid.disk.assign.offline_ref:notice]: aggregate /aggr1/plex0/rg1/3c.20.0
assigned as an offline reference storage for /aggr1/plex0/rg1/0a.10.5.
[?] Mon Feb 10 12:01:31 CET [node01: dyn_dev_qual_admin:
dfu.fwDownloaded:notice]: Firmware downloaded to Disk 0a.10.5 [NETAPP
X423_TA14E900A10 NA02] S/N [A1B2C34DE5FG] successfully.
```

- sysconfig-R (node run -node <node> sysconfig -r)中的磁盘报告脱机:

RAID	Disk	Device	HA	SHELF	BAY	CHAN	Pool	Type	RPM	Used (MB/blks)
	Phys	(MB/blks)								
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
data	0a.10.5	0a	10	5	SA:A	0	SAS	10000	857000/1755136000	858483/1758174768 (offline)

