



节点关闭,出现 "monitor.shutdown.brokenDisk:EMERGENCY" 错误

https://kb-cn.netapp.com/on-prem/ontap/OHW/OHW-KBs/Node_shutdown_with_monitor_shutdown_br...

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适用于

- 早于 9.12.1 的 ONTAP 版本
- FAS / AFF 型号

问题描述

monitor.shutdown.brokenDisk 消息发生在自动关闭序列到期时 callhome.shutdown.pending(RAID组在指定的时间间隔内处于降级模式。默认值通常为24小时)

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• 节点关闭时出现以下错误,并且未执行接管:

示例:

[Node-01: statd: monitor.brokenDisk.notice:info]: When two disks are broken in raid_dp volume, the system shuts down automatically every 24 hours to encourage you to replace the disk. If you reboot the system it will run for another 24 hours before shutting down. (The 24 hour timeout may be increased by altering the "raid.timeout" value using the "options" command.)

[Node-01: statd: monitor.shutdown.brokenDisk:EMERGENCY]: data disk,parity disk in RAID group "/aggr0_n1/plex0/rg0" are broken. Halting system now. [Node-01: shutdown_thread0: ha.localNodeShutDown:notice]: Shutdown of the local node has been initiated with inhibit_takeover set to TRUE. [Node-01: shutdown_thread0: kern.shutdown:notice]: System shut down because: "BROKEN DISK".

::> cluster ring show

Node	UnitName	Epoch	DB	Epoch	DB Trn	ixs Master	Online
node01	mgmt	0	2	13923	3732 -	offline	9
node01	vldb	0	2	55666	65 -	offline	9
node01	vifmgr	0	2	56	_	offline	
node01	bcomd	0	2	11	_	offline	
node01	crs	0	2	1	_	offline	

::> storage failover show

Takeover

node01	node02	false	Waiting for node02, Takeover is not				
		possible:	Partner node halted after				
		disabling	takeover				
node02	node01	_	Unknown				

Partner Possible State Description

• 来自同一 RAID-DP 组的两个磁盘出现故障,并且处于"双重降级"状态:

示例:

Node

```
Aggregate aggr0 n1 (online, raid dp, degraded) (block checksums)
 Plex /aggr0 n1/plex0 (online, normal, active, pool0)
  RAID group /aggr0 n1/plex0/rg0 (double degraded, block checksums)
RAID Disk
                       HA SHELF BAY CHAN Pool Type RPM Used (MB/
            Device
blks) Phys (MB/blks)
dparity
            0d.03.0 0d 3 0 SA:A 0 SAS 10000 1142352/
2339537408 1144641/2344225968
            FAILED
                                            1142352/ -
parity
                            N/A
            FAILED
                           N/A
                                           1142352/ -
data
```