mindtouch™

在节点接管期间、接管节点的数据LIF会短暂断开连接

适用场景

- ONTAP 9.8
- ONTAP 9.7
- ONTAP 9.6
- ONTAP 9.5
- ONTAP 9.3
- ONTAP 9.1

问题描述

在执行节点接管时、将数据LIF移动到接管节点会导致短暂断开连接。

- 在event log中、存在有关正在移动的LUN的通知：

  Sun Feb 13 16:11:07 +0100 [node01: vifmgr: vifmgr.lifBeingRemoved:notice]:
  LIF node02-cifs (on virtual server 3), IP address 10.20.20.10, is being
  removed from node node01, port a0d.
  Sun Feb 13 16:11:07 +0100 [node01: vifmgr: vifmgr.lifBeingRemoved:notice]:
  LIF node02-nfs (on virtual server 3), IP address 10.20.21.8, is being
  removed from node node01, port a0d.
  Sun Feb 13 16:11:07 +0100 [node01: vifmgr: vifmgr.lifBeingRemoved:notice]:
  LIF node01-nfs (on virtual server 3), IP address 10.20.21.9, is being
  removed from node node01, port a0d.
  ...
  Sun Feb 13 16:12:17 +0100 [node01: vifmgr:
  vifmgr.lifsuccessfullymoved:notice]: LIF node02-cifs (on virtual server
  3), IP address 10.20.20.10, is now hosted on node node01, port a0d.
  Sun Feb 13 16:12:17 +0100 [node01: vifmgr:
  vifmgr.lifsuccessfullymoved:notice]: LIF node02-nfs (on virtual server 3),
  IP address 10.20.21.8, is now hosted on node node01, port a0d.
  Sun Feb 13 16:12:17 +0100 [node01: vifmgr:
  vifmgr.lifsuccessfullymoved:notice]: LIF node01-nfs (on virtual server 3),
  IP address 10.20.21.9, is now hosted on node node01, port a0d.

- 由于内核关闭通知之前超时、外部缓存预热进程已终止：

  Sun Feb 13 16:11:41 +0100 [node02: shutdown_thread0:
  extCache.rw.terminated:notice]: WAFL external cache warming process
  terminated.
  Sun Feb 13 16:11:41 +0100 [node02: shutdown_thread0:
  extCache.rw.timeout:notice]: WAFL external cache warming process exceeded
  its maximum allowable time and was aborted.
  Sun Feb 13 16:11:41 +0100 [node02: shutdown_thread0:
  kern.shutdown:notice]: System shut down because : "D-blade Shutdown".

- Vifmgr 设备脱机并重新联机：

  Sun Feb 13 2022 16:10:01 +01:00 [kern_vifmgr:info:6259] A [src/rdb/HAM.cc
  1161 (0x80c121200)]: reportLocalOffline: HAM: new goal HAM_GOAL_ACTIVATE
  Sun Feb 13 2022 16:10:01 +01:00 [kern_vifmgr:info:6259] Notice:
  online_status_callback: RDB unit is offline
  Sun Feb 13 2022 16:10:01 +01:00 [kern_vifmgr:info:6259] A [src/rdb/HAM.cc

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1602 (0x80c120d00)]: _hamThreadFunc: HAM: daemon goal change from
HAM_GOAL_NORMALIZE to HAM_GOAL_ACTIVATE or shutdown 0
...
Sun Feb 13 2022 16:11:47 +01:00 [kern_vifmgr:info:6259] A [src/rdb/HAM.cc
1713 (0x80c120d00)]: _achievedGoal: HAM: Entering HA-active.
Sun Feb 13 2022 16:11:47 +01:00 [kern_vifmgr:info:6259] Notice:
online_status_callback: RDB unit is online as Master
```