mindtouch

如何确定卷移动是否已优化

https://kb-cn.netapp.com/on-prem/ontap/Ontap_OS/OS-KBs/How_to_determine_if_a_volume_move_is…
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适用场景

- ONTAP 9
- FabricPool
- 卷移动

问题解答

ONTAP 9.12.1及更高版本

```
::> event log show -node * -message-name mgmtgwd.volmove* -severity *
Time         Node         Severity    Event
```

```
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7/26/2022 02:52:05  node-01      NOTICE     mgmtgwd.volmove.notoptimized:
Volume move operation from source aggregate "aggr3" to destination
aggregate "aggr2" of volume "vol1" on Vserver "vs1" might need to copy
data from existing objects in the capacity tier.
7/26/2022 02:47:13  node-01      NOTICE     mgmtgwd.volmove.optimized:
Volume move operation from source aggregate "aggr2" to destination
aggregate "aggr1" of volume "vol1" on Vserver "vs1" avoided copying data
from existing objects in the capacity tier.
```

其他版本

在 mgwd.log 文件中搜索以下文本：

```
[kern_mgwd:info:2140] 0x82e8c1300: 8603e80000000378: WARNING:
VOPL::VolMove: 105 Volume Move Job Configuration Information: job
serialization id: 89c1038c-ed98-473d-93f3-b6ea92438b19 sourceVolume:
myfg__0001 dstAggrName: fp_aggr2 isDestinationPresent: 0 cutover_window:
30 cutover_attempts: 3 cutover_action: 4 balancerMove: 0bypass-throttling:
0skip_delta_calculation: 0old_job_id: 0tiering_policy:
alltiering_minimum_cooling_days: 0 isVolMoveByRef: 1 srcVolBufTreeUuid:
5fe73176-fd78-430b-8841-8ded61c44682srcVolUuid:
2e73f3ce-7f50-11ea-806f-00a098d6d485srcVolBtidCookie: 6541
srcPrimaryConfigId: 1srcMirrorConfigId: 0dstPrimaryConfigId:
1dstMirrorConfigId: 0
```

- 如果 isVolMoveByRef = 1，则卷移动针对FabricPool进行了优化。
- 如果 isVolMoveByRef = 0，则卷移动未针对FabricPool进行优化。

追加信息

支持QAT或zlib压缩的平台如何影响SnapMirror和卷移动？