

@mindtouch"

使用选项Wait to cutover时、卷移动的具体操作是什么?

https://kb-cn.netapp.com/on-prem/ontap/Ontap_OS/OS-KBs/What_s_the_volume_move_specific_actio... Updated: 周六, 12 7月 2025 13:38:12 GMT

适用场景

ONTAP 9

问题解答

问题1. 使用选项wait 进行转换、按如下所示实施卷移动操作、完成到 cutover_hard_deferred 阶段后、 源卷上的新数据是否会继续复制到目标卷?

示例:

::*> volume move modify -vserver cluster4_svm1 -volume testmove -cutoveraction wait

::*> volume move show Vserver Volume State Move Phase Percent-Complete Time-To-Complete

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cluster4 svm1
    testmove alert cutover hard deferred
    98%
回答1. 是的,数据正在持续传输,可通过命令'vol move show -ins'观察到这一点:
    示例:
    ontap913: : > vol move show -ins
                  Vserver Name: test1
                   Volume Name: voltest2
             Actual Completion Time: -
                 Bytes Remaining: 136.0KB
              Destination Aggregate: aggr2 node1
                Detailed Status: Cutover Deferred, Waiting for user
    intervention (2.52MB Sent)::Volume move job preparing transfer.
          Estimated Time of Completion: -
                  Managing Node: ontap913-01
               Percentage Complete: 94%
                   Move Phase: cutover hard deferred
          Estimated Remaining Duration: -
             Replication Throughput: 196KB/s
                Duration of Move: 00:20:43
                Source Aggregate: aggr1 node1
               Start Time of Move: Fri Nov 01 13:19:17 2024
                   Move State: alert
           Is Source Volume Encrypted: false
       Encryption Key ID of Source Volume:
         Is Destination Volume Encrypted: false
    Encryption Key ID of Destination Volume:
    ontap913::> vol move show -ins
                  Vserver Name: test1
                   Volume Name: voltest2
             Actual Completion Time: -
                 Bytes Remaining: 124.0KB
              Destination Aggregate: aggr2 node1
                Detailed Status: Cutover Deferred, Waiting for user
    intervention (2.71MB Sent)::Volume move job preparing transfer.
          Estimated Time of Completion: -
```

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Managing Node: ontap913-01 Percentage Complete: 94% Move Phase: cutover_hard_deferred Estimated Remaining Duration: -Replication Throughput: 188KB/s Duration of Move: 00:21:40 Source Aggregate: aggr1_node1 Start Time of Move: Fri Nov 01 13:19:17 2024 Move State: alert Is Source Volume Encrypted: false Encryption Key ID of Source Volume: Is Destination Volume Encrypted: false

问题2:由于上述状态、将触发转换、但未按以下方式完成消息、然后暂停卷移动、 源卷上的新数据是否会继续复制到目标卷?

示例: ::*> vol move trigger-cutover -vserver cluster4_svm1 -volume testmove -force true

Detailed Status: Waiting to Cutover. (Preparing source volume for cutover: Deduplication is not ready for volmove cutover Sent)::Reason: xx.xxTB Volume move job monitoring transfer of data.

::*> vol move pause -vserver cluster4 svm1 -volume testmove

答2.否、新数据将暂停传输到目标卷。

第3季度。复制吞吐量约为5 MB/秒是否正常?

回答3.复制吞吐量取决于系统情况、例如工作负载、同时执行了多少卷移动、客户端IO、效率等。有关详细信息、请参见文档: <u>Is Storage Performance Impered your volume mover or cutover</u>?

问题4:如何将上述卷移动恢复为转换等待状态。

答4.由于tigger-cutover已通过-force true选项实施、然后它在此状态下暂停、因此可通过'vol move show -ins'命令检查以下内容、使其无法将卷移动恢复到转换状态、因此转换将强制执行。

Specified Action For Cutover: force

如果需要使用转换来等待此卷移动、请恢复并立即中止此操作、并计划一次新的卷移动、因为已清除现有移动。

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示例:
::*> vol move resume -vserver cluster4_svm1 -volume testmove
::*> vol move abort -vserver cluster4_svm1 -volume testmove
```

追加信息

- 如何开始卷移动并需要手动转换
- 运行volume Move t触发 器转换命令需要满足哪些条件?
- 卷移动不进行、重复数据删除尚未准备好进行卷移动转换
- 移动卷显示错误:准备源卷以进行转换:重复数据删除未准备好进行卷移动转换

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