mindtouch™

使用选项Wait to cutover时、卷移动的具体操作是什么？

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 -cutover-
action wait

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

```
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: -
```

```
              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： Is Storage Performance Impered your volume mover or cutover？

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。

```
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