



CXone Mpower EXPERT

厚LUN表示空间错误、但未满

https://kb-cn-stage.netapp.com/on-prem/ontap/da/SAN/SAN-KBs/Thick_LUN_out_of_space_and_offline

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适用场景

ONTAP 9

问题描述

- Event log show / EMS :

```
VdomFSMThr_12: LUN.out.of.space:EMERGENCY]: LUN /vol/vol1/lun1, vol vol1 (DSID  
xxxx) is out of space (UUID: 73f5f0c7-xxxx-xxxx-xxxx-f1e79159ef8a).
```

```
scsit_lu_0: scsiblade.lun.offline.system:error]: LUN 11D1s+BBB1/1 in volume  
with MSID xxxx on Vserver SVM has been brought offline due to lack of space in  
the volume.
```

- LUN已进行厚配置、其状态为 `space-error` (表示脱机)

```
::> lun show -vserver vs1 -path /vol/vol1/lun1 -instance  
[...]
```

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```
Space Reservation: enabled
[...]
State: space-error
```

- 卷配置精简、不调整大小、不预留百分比：

```
::> vol show /vol/vol1 -instance
      Vserver Name: svm
      Volume Name: vol1
      [...]
      Autosize Mode: off
      [...]
      Space Guarantee Style: none
      Fractional Reserve: 0%
      [...]
```

- 卷未满

```
::> df -h /vol/vol1/
Filesystem          total      used      avail capacity  Mounted on  Vserver
/vol/vol1/          10GB      3084MB    7155MB    30%    ---        svm
/vol/vol1/.snapshot 0B         0B         0B         0%    ---        svm
2 entries were displayed.
```

- LUN大于卷

```
::> lun show /vol/vol1/lun1
Vserver  Path                State      Mapped  Type      Size
-----
svm      /vol/vol1/lun1     space-error mapped    linux    10.1GB
```