



厚 LUN 脱机

https://kb-cn-stage.netapp.com/on-prem/ontap/OHW/OHW-KBs/THICK_LUN_Goes_Offline

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适用场景

- ONTAP 9
- 厚配置

问题描述

- 由于卷中的空间不足，厚配置 LUN 将脱机。
- EMS 日志

```
Mon Nov 30 00:10:19 CET [NETAPP: wafl_exempt00: wafl.vol.full:notice]:  
Insufficient space on volume NetApp_VOL@vserver:3bd37812-3d30-11ea-a58e-  
d039ea12b1e4 to perform operation. 4.00KB was requested but only 1.00KB was  
available.
```

- 检查 LUN 是否为厚配置：

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```

::> lun show /vol/NetApp_VOL/lun_NetApp_VOL -fields space-reserve
vserver path                space-reserve
-----
svml    /vol/NetApp_VOL/lun_NetApp_VOL  enabled

```

- 检查卷中的可用空间：

```

::> df -h NetApp_VOL
Filesystem                kbytes      used      avail capacity  Mounted on
/vol/NetApp_VOL/          8332236556  8332236556    0      100%      /vol/
NetApp_VOL/

```

- 检查卷 / 存储效率是否已启用且正在运行：

```

::> vol efficiency show NetApp_VOL
Vserver  Volume      State      Status      Progress      Policy
-----
my_vserver NetApp_VOL  Enabled    Idle        Idle for 08:24:51  -

::> df -s -h NetApp_VOL
Filesystem      used      saved      %saved  Vserver
/vol/NetApp_VOL/ 2351MB    731MB      24%     my_vserver

```