



## Storage pool creation failing with: "Error 1, Operation not permitted"



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## Issue

A customer reported getting the below error while trying to create a Storage Pool:

```
$ sudo /opt/mapr/server/disksetup -F /tmp/disks.workaround
cat: /sys/block/adw13/queue/scheduler: No such file or directory
Error 1, Operation not permitted. cat /sys/block/adw13/queue/scheduler
```

```
$ maprcli disk add -host host1 -disks /dev/adw13,/dev/adw14,/dev/adw15
ERROR (1) - Failed operation for disk /dev/adw13, Operation not permitted
```

Event Codes : 1

## Environment

OS version: RHEL 8.8  
Data Fabric core version: 7.8.0  
Data Fabric EEP version: 9.3

## Cause

Previously this customer was using vormetric encryption on the disks being added to the Storage Pool. Therefore, the mapping between the actual disk and vormetric exists. For example, the below vormetric mapping adw13 is pointing to disk "sdn" under the /dev/ directory:

```
$ adw13 -> sdn
```

Later, the customer stopped using vormetric. However, they were still using the vormetric mapping (for eg: /dev/adw13), for creating a Storage Pool. It was working fine until the disk was replaced. The mapping broke after a disk replacement, which started causing SP creation failures using these vormetric mappings.

The SP creation script was trying to access "/sys/block/adw13/queue/scheduler" file, but since the below directory never existed, the error resulted.

```
$ ls -lrth /sys/block/adw*
$
```

## Resolution

The Storage Pool created successfully using the original disk paths:

```
$ maprcli disk add -host host1 -disks /dev/sdn,/dev/sdo,/dev/sdp
message host disk
added. host1 /dev/sdn
added. host1 /dev/sdo
added. host1 /dev/sdp
```

