Hello,

After I pulled out one of the drives to simulate a drive failure, I did the following:

1) I "retiried" the bad drive by issuing the following commands:

\$missingDisk = Get-PhysicalDisk | Where-Object { \$_.OperationalStatus -eq 'Lost Communication'}
\$missingDisk | Set-PhysicalDisk -Usage Retired

2) I then added a new drive to the Storage Pool using the following commands:

\$replacementDisk = Get-PhysicalDisk -FriendlyName NVMe_1.6TB_04 Add-PhysicalDisk -PhysicalDisks \$replacementDisk -StoragePoolFriendlyName OraData -Verbose

- 3) I monitored the progress of this action using the **Get-StorageJob** command.
- 4) Once that was complete, I used the **Get-StoragePool** and **Get-VirtualDisk** commands to ensure that both of these reported a status of "Healthly".
- 5) Finally I used the following command to remove the bad disk:

Remove-PhysicalDisk -PhysicalDisks \$missingDisk -StoragePoolFriendlyName "OraData"

The following is a screen shot with some summary information about the Storage Pool, the Virtual Disk and the Physical Disks in the Storage Pool.

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PS C:\Users\oraadm> get-storagepool oradata	^ ^
FriendlyName OperationalStatus HealthStatus IsPrimordial IsReadOnly Size AllocatedSize	
OraData OK Healthy False False 2.91 TB 2.91 TB	
PS C:\Users\oraadm> Get-VirtualDisk	
FriendlyName ResiliencySettingName FaultDomainRedundancy OperationalStatus HealthStatus Size FootprintOnPool StorageEfficiency	
OraData Mirror 1 OK Healthy 1.45 TB 2.91 TB 49.97%	
PS C:\Users\oraadm> \$pool=Get-StoragePool -FriendlyName "OraData" \$disks=Get-PhysicalDisk -StoragePool \$pool \$disks	
Number FriendlyName SerialNumber MediaType CanPool OperationalStatus HealthStatus Usage Size	
5 NME_1.6TB_02 3543_5530_4D40_2797_0025_3841_0000_0004. SSD False 0K Healthy Auto-Select 1.46 TB	
0 NVME_1.016_04 3345_3330_40A0_2790_0025_3641_0000_0004. 350 Faise UK Reality Auto-select 1.40 IB	
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The following contains a screen shot of detailed information about the Storage Pool:

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The following contains a screen shot of detailed information about the Virtual Disk:

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