

Rozszerzenie StorageTier (wymagane do powiększenia wolumenów przy S2D)

Na podstawie: [windowsserverdocs/WindowsServerDocs/storage/storage-spaces/manage-volumes.md](https://docs.microsoft.com/en-us/windows-server/storage/storage-spaces/manage-volumes.md) at main · MicrosoftDocs/windowsserverdocs · GitHub

Powiększanie StoregeTier:

Pobieranie wszystkich VirtualDisks:

```
Get-VirtualDisk
```

```
PS C:\Users\admin_tomkon> Get-VirtualDisk
```

FriendlyName	ResiliencySettingName	FaultDomainRedundancy	OperationalStatus	HealthStatus	Size	FootprintOnPool	StorageEfficiency
ClusterPerformanceHistory	Mirror	1	OK	Healthy	32 GB	65 GB	49,23%
S2D LocalDisks			OK	Healthy	10 TB	20.01 TB	49,98%

Pobieranie nazwy StorageTier

```
Get-VirtualDisk "NazwaDyskuJeżeliZnamy" | Get-StorageTier | Select FriendlyName
```

```
PS C:\Users\admin_tomkon> Get-VirtualDisk | Get-StorageTier | Select FriendlyName
```

FriendlyName
S2D LocalDisks-Capacity

Sprawdzenie parametrów konkretnego StorageTier

```
Get-StorageTier -FriendlyName "NazwaStorageTier"
```

Rozszerzanie odpowiedniego StorageTier do dedykowanej wielkości (MB/GB/TB itd)

```
Get-StorageTier -FriendlyName "NazwaStorageTier" | Resize-StorageTier -Size (10TB)
```

```
PS C:\Users\admin_tomkon> Get-StorageTier -FriendlyName "S2D LocalDisks-Capacity"

FriendlyName      TierClass MediaType ResiliencySettingName FaultDomainRedundancy  Size FootprintOnPool StorageEfficiency
-----
S2D LocalDisks-Capacity Capacity SSD Mirror 1 4.5 TB 9.01 TB 49,96%

PS C:\Users\admin_tomkon> Get-StorageTier -FriendlyName "S2D LocalDisks-Capacity" | Resize-StorageTier -Size (10TB)
PS C:\Users\admin_tomkon> Get-StorageTier -FriendlyName "S2D LocalDisks-Capacity"

FriendlyName      TierClass MediaType ResiliencySettingName FaultDomainRedundancy  Size FootprintOnPool StorageEfficiency
-----
S2D LocalDisks-Capacity Capacity SSD Mirror 1 10 TB 20 TB 50,00%
```

Powiększenie wolumenu :

Sprawdzenie nazwy dysku wirtualnego:

```
Get-VirtualDisk
```

```
PS C:\Users\admin_tomkon> Get-VirtualDisk

FriendlyName      ResiliencySettingName FaultDomainRedundancy OperationalStatus HealthStatus  Size FootprintOnPool StorageEfficiency
-----
ClusterPerformanceHistory Mirror 1 OK Healthy 32 GB 65 GB 49,23%
S2D LocalDisks OK Healthy 20 TB 40 TB 50,00%
```

Samo powiększanie wolumenu:

```
$VirtualDisk = Get-VirtualDisk "NazwaDysku"
$Partition = $VirtualDisk | Get-Disk | Get-Partition | Where PartitionNumber -Eq 2
$Partition | Resize-Partition -Size ($Partition | Get-PartitionSupportedSize).SizeMax
```

```
PS C:\Users\admin_tomkon> $VirtualDisk = Get-VirtualDisk "S2D LocalDisks"
PS C:\Users\admin_tomkon> $Partition = $VirtualDisk | Get-Disk | Get-Partition | Where PartitionNumber -Eq 2
PS C:\Users\admin_tomkon> $Partition | Resize-Partition -Size ($Partition | Get-PartitionSupportedSize).SizeMax
```

Wynik Get-VirtualDisk po powiększeniu:

```
PS C:\Users\admin_tomkon> Get-VirtualDisk

FriendlyName      ResiliencySettingName FaultDomainRedundancy OperationalStatus HealthStatus  Size FootprintOnPool StorageEfficiency
-----
ClusterPerformanceHistory Mirror 1 OK Healthy 32 GB 65 GB 49,23%
S2D LocalDisks OK Healthy 20 TB 40 TB 50,00%
```

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