



python



PowerShell

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PowerShell Get-Help on command 'New-Volume'

PS C:\Users\wahid> Get-Help New-Volume

NAME

New-Volume

SYNTAX

```
New-Volume [[-StoragePool] <CimInstance#MSFT_StoragePool>] -FriendlyName
<string> [-FileSystem {NTFS | ReFS | CSVFS_NTFS | CSVFS_ReFS}] [-AccessPath
<string>] [-DriveLetter <char>] [-AllocationUnitSize <uint32>] [-Size
<uint64>] [-ResiliencySettingName <string>] [-ProvisioningType {Unknown | Thin
| Fixed}] [-MediaType {HDD | SSD | SCM}] [-PhysicalDiskRedundancy <uint16>]
[-NumberOfDataCopies <uint16>] [-NumberOfColumns <uint16>] [-NumberOfGroups
<uint16>] [-MinimumLogicalDataCopies <uint16>] [-StorageFaultDomainsToUse
<CimInstance#MSFT_StorageFaultDomain[]>]
[-StorageFaultDomainsToUseFriendlyNames <string[]>] [-StorageTiers
<CimInstance#MSFT_StorageTier[]>] [-StorageTierFriendlyNames <string[]>]
[-StorageTierSizes <uint64[]>] [-WriteCacheSize <uint64>]
[-WriteCacheReserveSize <uint64>] [-ReadCacheSize <uint64>] [-TrackValidData
<bool>] [-UseMaximumSize] [-CimSession <CimSession>] [-ThrottleLimit <int>]
[-AsJob] [<CommonParameters>]
```

```
New-Volume -StoragePoolFriendlyName <string> -FriendlyName <string>
```

```
[-FileSystem {NTFS | ReFS | CSVFS_NTFS | CSVFS_ReFS}] [-AccessPath <string>]
```

[-DriveLetter <char>] [-AllocationUnitSize <uint32>] [-Size <uint64>]
[-ResiliencySettingName <string>] [-ProvisioningType {Unknown | Thin | Fixed}]
[-MediaType {HDD | SSD | SCM}] [-PhysicalDiskRedundancy <uint16>]
[-NumberOfDataCopies <uint16>] [-NumberOfColumns <uint16>] [-NumberOfGroups
<uint16>] [-MinimumLogicalDataCopies <uint16>] [-StorageFaultDomainsToUse
<CimInstance#MSFT_StorageFaultDomain[]>]
[-StorageFaultDomainsToUseFriendlyNames <string[]>] [-StorageTiers
<CimInstance#MSFT_StorageTier[]>] [-StorageTierFriendlyNames <string[]>]
[-StorageTierSizes <uint64[]>] [-WriteCacheSize <uint64>]
[-WriteCacheReserveSize <uint64>] [-ReadCacheSize <uint64>] [-TrackValidData
<bool>] [-UseMaximumSize] [-CimSession <CimSession>] [-ThrottleLimit <int>]
[-AsJob] [<CommonParameters>]

New-Volume -StoragePoolName <string> -FriendlyName <string> [-FileSystem {NTFS
| ReFS | CSVFS_NTFS | CSVFS_ReFS}] [-AccessPath <string>] [-DriveLetter
<char>] [-AllocationUnitSize <uint32>] [-Size <uint64>]
[-ResiliencySettingName <string>] [-ProvisioningType {Unknown | Thin | Fixed}]
[-MediaType {HDD | SSD | SCM}] [-PhysicalDiskRedundancy <uint16>]
[-NumberOfDataCopies <uint16>] [-NumberOfColumns <uint16>] [-NumberOfGroups
<uint16>] [-MinimumLogicalDataCopies <uint16>] [-StorageFaultDomainsToUse
<CimInstance#MSFT_StorageFaultDomain[]>]
[-StorageFaultDomainsToUseFriendlyNames <string[]>] [-StorageTiers
<CimInstance#MSFT_StorageTier[]>] [-StorageTierFriendlyNames <string[]>]
[-StorageTierSizes <uint64[]>] [-WriteCacheSize <uint64>]
[-WriteCacheReserveSize <uint64>] [-ReadCacheSize <uint64>] [-TrackValidData
<bool>] [-UseMaximumSize] [-CimSession <CimSession>] [-ThrottleLimit <int>]
[-AsJob] [<CommonParameters>]

New-Volume -StoragePoolUniqueId <string> -FriendlyName <string> [-FileSystem
{NTFS | ReFS | CSVFS_NTFS | CSVFS_ReFS}] [-AccessPath <string>] [-DriveLetter
<char>] [-AllocationUnitSize <uint32>] [-Size <uint64>]
[-ResiliencySettingName <string>] [-ProvisioningType {Unknown | Thin | Fixed}]
[-MediaType {HDD | SSD | SCM}] [-PhysicalDiskRedundancy <uint16>]

[-NumberOfDataCopies <uint16>] [-NumberOfColumns <uint16>] [-NumberOfGroups <uint16>] [-MinimumLogicalDataCopies <uint16>] [-StorageFaultDomainsToUse <CimInstance#MSFT_StorageFaultDomain[]>] [-StorageFaultDomainsToUseFriendlyNames <string[]>] [-StorageTiers <CimInstance#MSFT_StorageTier[]>] [-StorageTierFriendlyNames <string[]>] [-StorageTierSizes <uint64[]>] [-WriteCacheSize <uint64>] [-WriteCacheReserveSize <uint64>] [-ReadCacheSize <uint64>] [-TrackValidData <bool>] [-UseMaximumSize] [-CimSession <CimSession>] [-ThrottleLimit <int>] [-AsJob] [<CommonParameters>]

New-Volume [-Disk] <CimInstance#MSFT_Disk> -FriendlyName <string> [-FileSystem {NTFS | ReFS | CSVFS_NTFS | CSVFS_ReFS}] [-AccessPath <string>] [-DriveLetter <char>] [-AllocationUnitSize <uint32>] [-CimSession <CimSession>] [-ThrottleLimit <int>] [-AsJob] [<CommonParameters>]

New-Volume [-DiskNumber] <uint32> -FriendlyName <string> [-FileSystem {NTFS | ReFS | CSVFS_NTFS | CSVFS_ReFS}] [-AccessPath <string>] [-DriveLetter <char>] [-AllocationUnitSize <uint32>] [-CimSession <CimSession>] [-ThrottleLimit <int>] [-AsJob] [<CommonParameters>]

New-Volume -DiskPath <string> -FriendlyName <string> [-FileSystem {NTFS | ReFS | CSVFS_NTFS | CSVFS_ReFS}] [-AccessPath <string>] [-DriveLetter <char>] [-AllocationUnitSize <uint32>] [-CimSession <CimSession>] [-ThrottleLimit <int>] [-AsJob] [<CommonParameters>]

New-Volume -DiskUniqueId <string> -FriendlyName <string> [-FileSystem {NTFS | ReFS | CSVFS_NTFS | CSVFS_ReFS}] [-AccessPath <string>] [-DriveLetter <char>] [-AllocationUnitSize <uint32>] [-CimSession <CimSession>] [-ThrottleLimit <int>] [-AsJob] [<CommonParameters>]

PARAMETERS

-AccessPath <string>

-AllocationUnitSize <uint32>

-AsJob

-CimSession <CimSession>

-Disk <CimInstance#MSFT_Disk>

-DiskNumber <uint32>

-DiskPath <string>

-DiskUniqueId <string>

-DriveLetter <char>

-FileSystem <FileSystemType>

-FriendlyName <string>

-MediaType <MediaType>

-MinimumLogicalDataCopies <uint16>

-NumberOfColumns <uint16>

-NumberOfDataCopies <uint16>

-NumberOfGroups <uint16>

-PhysicalDiskRedundancy <uint16>

-ProvisioningType <ProvisioningType>

-ReadCacheSize <uint64>

-ResiliencySettingName <string>

-Size <uint64>

-StorageFaultDomainsToUse <CimInstance#MSFT_StorageFaultDomain[]>

-StorageFaultDomainsToUseFriendlyNames <string[]>

-StoragePool <CimInstance#MSFT_StoragePool>

-StoragePoolFriendlyName <string>

-StoragePoolName <string>

-StoragePoolUniqueId <string>

-StorageTierFriendlyNames <string[]>

-StorageTierSizes <uint64[]>

-StorageTiers <CimInstance#MSFT_StorageTier[]>

-ThrottleLimit <int>

-TrackValidData <bool>

-UseMaximumSize

-WriteCacheReserveSize <uint64>

-WriteCacheSize <uint64>

<CommonParameters>

This cmdlet supports the common parameters: Verbose, Debug, ErrorAction, ErrorVariable, WarningAction, WarningVariable, OutBuffer, PipelineVariable, and OutVariable. For more information, see about_CommonParameters (<https://go.microsoft.com/fwlink/?LinkID=113216>).

ALIASES

None

REMARKS

Get-Help cannot find the Help files for this cmdlet on this computer. It is displaying only partial help.

-- To download and install Help files for the module that includes this cmdlet, use Update-Help.