



Windows PowerShell Get-Help on Cmdlet 'New-AzRmStorageShare'

PS: \>Get-HELP New-AzRmStorageShare -Full

NAME

New-AzRmStorageShare

SYNOPSIS

Creates a Storage file share.

SYNTAX

```
New-AzRmStorageShare [-ResourceGroupName] <System.String> [-StorageAccountName] <System.String>
[-AccessTier {TransactionOptimized | Premium | Hot | Cool}]
[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-EnabledProtocol {NFS | SMB}] [-Metadata
<System.Collections.Hashtable>] -Name <System.String> [-QuotaGiB <System.Int32>] [-RootSquash {NoRootSquash |
RootSquash | AllSquash}] [-Snapshot] [-Confirm]
[-WhatIf] [<CommonParameters>]
```

```
New-AzRmStorageShare [-AccessTier {TransactionOptimized | Premium | Hot | Cool}] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-EnabledProtocol
{NFS | SMB}] [-Metadata <System.Collections.Hashtable>]
-Name <System.String> [-QuotaGiB <System.Int32>] [-RootSquash {NoRootSquash | RootSquash | AllSquash}]
```

[-Snapshot] -StorageAccount

<Microsoft.Azure.Commands.Management.Storage.Models.PSStorageAccount> [-Confirm] [-WhatIf]

[<CommonParameters>]

DESCRIPTION

The New-AzRmStorageShare cmdlet creates a Storage file share.

PARAMETERS

-AccessTier <System.String>

Access tier for specific share. StorageV2 account can choose between TransactionOptimized (default), Hot, and Cool.

FileStorage account can choose Premium.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>

The credentials, account, tenant, and subscription used for communication with Azure.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-EnabledProtocol <System.String>

Sets protocols for file shares. It cannot be changed after file share creation. Possible values include: 'SMB', 'NFS'

Required? false

Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-Metadata <System.Collections.Hashtable>

Share Metadata

Required? false
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-Name <System.String>

Azure File share name

Required? true
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-QuotaGiB <System.Int32>

Share Quota in Gibibyte.

Required? false
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-ResourceGroupName <System.String>

Resource Group Name.

Required? true

Position? 0

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-RootSquash <System.String>

Sets reduction of the access rights for the remote superuser. Possible values include: 'NoRootSquash', 'RootSquash', 'AllSquash'

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Snapshot <System.Management.Automation.SwitchParameter>

Create a snapshot of existing share with same name.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-StorageAccount <Microsoft.Azure.Commands.Management.Storage.Models.PSStorageAccount>

Storage account object

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-StorageAccountName <System.String>

Storage Account Name.

Required? true

Position? 1

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-WhatIf <System.Management.Automation.SwitchParameter>

Shows what would happen if the cmdlet runs. The cmdlet is not run.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

<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>).

INPUTS

System.String

Microsoft.Azure.Commands.Management.Storage.Models.PSStorageAccount

OUTPUTS

Microsoft.Azure.Commands.Management.Storage.Models.PSShare

NOTES

Example 1: Create a Storage file share with Storage account name and share name, with metadata and share quota as 100 GiB.

```
New-AzRmStorageShare -ResourceGroupName "myresourcegroup" -StorageAccountName "mystorageaccount" -Name  
"myshare" -QuotaGiB 100 -Metadata @{"tag1" = "value1"; "tag2" =  
"value2" }
```

ResourceGroupName: myresourcegroup, StorageAccountName: mystorageaccount

Name	QuotaGiB	EnabledProtocol	AccessTier	Deleted	Version	ShareUsageBytes
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myshare						
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This command creates a Storage file share with metadata and share quota as 100 GiB.

Example 2: Create a Storage file share with Storage account object

```
Get-AzStorageAccount -ResourceGroupName "myresourcegroup" -StorageAccountName "mystorageaccount" |  
New-AzRmStorageShare -Name "myshare"
```

ResourceGroupName: myresourcegroup, StorageAccountName: mystorageaccount

Name	QuotaGiB	EnabledProtocol	AccessTier	Deleted	Version	ShareUsageBytes
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myshare						
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This command creates a Storage file share with Storage account object and share name.

Example 3: Create a Storage file share with accesstier as Hot

```
$share = New-AzRmStorageShare -ResourceGroupName "myresourcegroup" -StorageAccountName  
"mystorageaccount" -Name "myshare" -AccessTier Hot
```

ResourceGroupName: myresourcegroup, StorageAccountName: mystorageaccount

Name	QuotaGiB	EnabledProtocols	AccessTier	Deleted	Version	ShareUsageBytes
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myshare			Hot			
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This command creates a Storage file share with accesstier as Hot.

Example 4: Create a Storage file share snapshot of an existing share

```
$shareSnapshot = New-AzRmStorageShare -ResourceGroupName "myresourcegroup" -StorageAccountName  
"mystorageaccount" -Name "myshare" -Snapshot
```

ResourceGroupName: myresourcegroup, StorageAccountName: mystorageaccount

Name	QuotaGiB	EnabledProtocols	AccessTier	Deleted	Version	ShareUsageBytes	snapshotTime
myshare							2021-05-10T08:04:08

This command creates a Storage file share snapshot of an existing base file share.

Example 5: Create a Storage file share with EnabledProtocol proeprty as NFS, and RootSquash property as NoRootSquash

```
$share = New-AzRmStorageShare -ResourceGroupName "myresourcegroup" -StorageAccountName  
"mystorageaccount" -Name "myshare" -EnabledProtocol NFS -RootSquash  
NoRootSquash
```

\$share

ResourceGroupName: myresourcegroup, StorageAccountName: mystorageaccount

Name	QuotaGiB	EnabledProtocols	AccessTier	Deleted	Version	ShareUsageBytes
myshare		NFS				

```
$share.RootSquash  
NoRootSquash
```

This command creates a Storage file share with EnabledProtocol proeprty as NFS, and RootSquash proeprty as NoRootSquash.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.storage/new-azrmstorageshare>