



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

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

NAME

Get-AzRmStorageShare

SYNOPSIS

Gets or lists Storage file shares.

SYNTAX

```

Get-AzRmStorageShare [-ResourceGroupName] <System.String> [-StorageAccountName] <System.String>
[-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Filter
<System.String>] [-IncludeDeleted] [-IncludeSnapshot]
    [<CommonParameters>]

Get-AzRmStorageShare [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Filter
<System.String>]
    [-IncludeDeleted] [-IncludeSnapshot] -StorageAccount
<Microsoft.Azure.Commands.Management.Storage.Models.PSStorageAccount> [<CommonParameters>]

```

```

Get-AzRmStorageShare [-ResourceGroupName] <System.String> [-StorageAccountName] <System.String>
[-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-GetShareUsage]
[-Name <System.String>] [-SnapshotTime
<System.Nullable`1[System.DateTime]>] [<CommonParameters>]

```

```

Get-AzRmStorageShare [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-GetShareUsage]
-Name
<System.String> [-SnapshotTime <System.Nullable`1[System.DateTime]>] -StorageAccount
<Microsoft.Azure.Commands.Management.Storage.Models.PSStorageAccount>
[<CommonParameters>]

```

```

Get-AzRmStorageShare [-ResourceId] <System.String> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-GetShareUsage] [<CommonParameters>]

```

DESCRIPTION

The Get-AzRmStorageShare cmdlet gets or lists Storage file shares.

PARAMETERS

-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

-Filter <System.String>

The filter of share name. When specified, only share names starting with the filter will be listed. The filter must be in format: startswith(name, '<prefix>')

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

-GetShareUsage <System.Management.Automation.SwitchParameter>

Specify this parameter to get the Share Usage in Bytes.

Required?	false
Position?	named
Default value	False
Accept pipeline input?	False
Accept wildcard characters?	false

-IncludeDeleted <System.Management.Automation.SwitchParameter>

Include deleted shares, by default list shares won't include deleted shares

Required?	false
Position?	named
Default value	False
Accept pipeline input?	False
Accept wildcard characters?	false

-IncludeSnapshot <System.Management.Automation.SwitchParameter>

Include share snapshots, by default list shares won't include share snapshots.

Required?	false
Position?	named
Default value	False

Accept pipeline input? False

Accept wildcard characters? false

-Name <System.String>

Share Name

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

-ResourceId <System.String>

Input a File Share Resource Id.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-SnapshotTime <System.Nullable`1[System.DateTime]>

Share SnapshotTime

Required? false
Position? named
Default value None
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

<CommonParameters>

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

INPUTS

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

System.String

OUTPUTS

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

NOTES

Example 1: Get a Storage file share with Storage account name and share name

```
Get-AzRmStorageShare -ResourceGroupName "myresourcegroup" -StorageAccountName "mystorageaccount" -Name "myshare"
```

ResourceGroupName: myresourcegroup, StorageAccountName: mystorageaccount

Name	QuotaGiB	EnabledProtocols	AccessTier	Deleted	Version	ShareUsageBytes
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myshare	5120					
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This command gets a Storage file share with Storage account name and share name.

- Example 2: List all Storage file shares of a Storage account -

```
Get-AzRmStorageShare -ResourceGroupName "myresourcegroup" -StorageAccountName "mystorageaccount"
```

ResourceGroupName: myresourcegroup, StorageAccountName: mystorageaccount

Name	QuotaGiB	EnabledProtocols	AccessTier	Deleted	Version	ShareUsageBytes
share1	5120		TransactionOptimized			
share2	5120		TransactionOptimized			

This command lists all Storage file shares of a Storage account with Storage account name.

Example 3: Get a Storage blob container with Storage account object and container name.

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

ResourceGroupName: myresourcegroup, StorageAccountName: mystorageaccount

Name	QuotaGiB	EnabledProtocols	AccessTier	Deleted	Version	ShareUsageBytes
myshare	5120					

This command gets a Storage blob container with Storage account object and container name.

Example 4: Get a Storage file share with the share usage in bytes

```
Get-AzRmStorageShare -ResourceGroupName "myresourcegroup" -StorageAccountName "mystorageaccount" -Name  
"myshare" -GetShareUsage
```

ResourceGroupName: myresourcegroup, StorageAccountName: mystorageaccount

Name	QuotaGiB	EnabledProtocols	AccessTier	Deleted	Version	ShareUsageBytes

This command gets a Storage file share with Storage account name and share name, and include the share usage in bytes.

Example 5: List all Storage file shares of a Storage account, include the deleted shares, include the share snapshots

```
Get-AzRmStorageShare -ResourceGroupName "myresourcegroup" -StorageAccountName "mystorageaccount"
-IncludeDeleted -IncludeSnapshot
```

ResourceGroupName: myresourcegroup, StorageAccountName: mystorageaccount

Name	QuotaGiB	EnabledProtocols	AccessTier	Deleted	Version	ShareUsageBytes	snapshotTime
testshare1	5120		TransactionOptimized				2021-05-10T08:04:08Z
testshare1	5120		TransactionOptimized				
share1	100		TransactionOptimized	True	01D61FD1FC5498B6		

This command lists all Storage file shares include the deleted shares and share snapshots.

----- Example 6: Get a single share snapshot -----

```
Get-AzRmStorageShare -ResourceGroupName "myresourcegroup" -StorageAccountName "mystorageaccount" -Name
"testshare1" -SnapshotTime "2021-05-10T08:04:08Z"
```

ResourceGroupName: myresourcegroup, StorageAccountName: mystorageaccount

Name	QuotaGiB	EnabledProtocols	AccessTier	Deleted	Version	ShareUsageBytes	snapshotTime
testshare1	5120		TransactionOptimized				2021-05-10T08:04:08Z

This command gets a single file share snapshot with share name and snapshot time.

Example 7: List Storage file shares of a Storage account with a filter

```
Get-AzRmStorageShare -ResourceGroupName "myresourcegroup" -StorageAccountName "mystorageaccount" -Filter  
"startswith(name, test)"
```

ResourceGroupName: myresourcegroup, StorageAccountName: mystorageaccount

Name	QuotaGiB	EnabledProtocols	AccessTier	Deleted	Version	ShareUsageBytes	snapshotTime
testshare1	5120	SMB	TransactionOptimized				
testshare2	5120	SMB	TransactionOptimized				

This command lists all Storage file shares with names that begin with "test".

RELATED LINKS

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