



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

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

NAME

Get-AzStorageShare

SYNOPSIS

Gets a list of file shares.

SYNTAX

```

    Get-AzStorageShare [[-Prefix] <System.String>] [-ClientTimeoutPerRequest <System.Nullable`1[System.Int32]>]
[-ConcurrentTaskCount <System.Nullable`1[System.Int32]>]
    [-Context <Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-IncludeDeleted]
[-ServerTimeoutPerRequest
    <System.Nullable`1[System.Int32]>] [<CommonParameters>]

    Get-AzStorageShare [-Name] <System.String> [[-SnapshotTime] <System.Nullable`1[System.DateTimeOffset]>]
[-ClientTimeoutPerRequest <System.Nullable`1[System.Int32]>]
    [-ConcurrentTaskCount <System.Nullable`1[System.Int32]>] [-Context
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]

```

`[-ServerTimeoutPerRequest <System.Nullable`1[System.Int32]>]`

`[-SkipGetProperty] [<CommonParameters>]`

DESCRIPTION

The Get-AzStorageShare cmdlet gets a list of file shares for a storage account.

PARAMETERS

`-ClientTimeoutPerRequest <System.Nullable`1[System.Int32]>`

Specifies the client-side time-out interval, in seconds, for one service request. If the previous call fails in the specified interval, this cmdlet retries the

request. If this cmdlet does not receive a successful response before the interval elapses, this cmdlet returns an error.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

`-ConcurrentTaskCount <System.Nullable`1[System.Int32]>`

Specifies the maximum concurrent network calls. You can use this parameter to limit the concurrency to throttle local CPU and bandwidth usage by specifying the

maximum number of concurrent network calls. The specified value is an absolute count and is not multiplied by the core count. This parameter can help reduce

network connection problems in low bandwidth environments, such as 100 kilobits per second. The default value is 10.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Context <Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>

Specifies an Azure Storage context. To obtain a context, use the New-AzStorageContext (./New-AzStorageContext.md)cmdlet.

Required?	false
Position?	named
Default value	None
Accept pipeline input?	True (ByPropertyName, ByValue)
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

-IncludeDeleted <System.Management.Automation.SwitchParameter>

Include deleted shares, by default get share won't include deleted shares

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

-Name <System.String>

Specifies the name of the file share. This cmdlet gets the file share that this parameter specifies, or nothing if you specify the name of a file share that does not exist.

Required?	true
Position?	0
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-Prefix <System.String>

Specifies the prefix for file shares. This cmdlet gets file shares that match the prefix that this parameter specifies, or no file shares if no file shares match the specified prefix.

Required?	false
Position?	0
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-ServerTimeoutPerRequest <System.Nullable`1[System.Int32]>

Specifies the length of the time-out period for the server part of a request.

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

-SkipGetProperty <System.Management.Automation.SwitchParameter>

Specify this parameter to only generate a local share object, without get share properties from server.

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

Accept wildcard characters? false

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

SnapshotTime of the file share snapshot to be received.

Required? false

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>).

INPUTS

Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext

OUTPUTS

Microsoft.WindowsAzure.Commands.Common.Storage.ResourceModel.AzureStorageFileShare

NOTES

```
Get-AzStorageShare -Name "ContosoShare06"
```

This command gets the file share named ContosoShare06.

--- Example 2: Get all file shares that begin with a string ---

```
Get-AzStorageShare -Prefix "Contoso"
```

This command gets all file shares that have names that begin with Contoso.

---- Example 3: Get all file shares in a specified context ----

```
$Context = New-AzStorageContext -Local
```

```
Get-AzStorageShare -Context $Context
```

The first command uses the New-AzStorageContext cmdlet to create a context by using the Local parameter, and then stores that context object in the \$Context variable.

The second command gets the file shares for the context object stored in \$Context.

Example 4: Get a file share snapshot with specific share name and SnapshotTime

```
Get-AzStorageShare -Name "ContosoShare06" -SnapshotTime "6/16/2017 9:48:41 AM +00:00"
```

This command gets a file share snapshot with specific share name and SnapshotTime.

Example 5: Get a file share object without fetch share properties with OAuth authentication.

-EnableFileBackupRequestIntent

```
$share = Get-AzStorageShare -Name "ContosoShare06" -SkipGetProperty -Context $ctx
```

This command gets a file share snapshot without get share properties with OAuth authentication. Get share properties with OAuth authentication will fail since the

API not support OAuth. So to get share object with OAuth authentication must skip fetch share properties.

RELATED LINKS

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

New-AzStorageShare

Remove-AzStorageShare