



Windows PowerShell Get-Help on Cmdlet 'Set-AzStorageCORSRule'

PS:\>Get-HELP Set-AzStorageCORSRule -Full

NAME

Set-AzStorageCORSRule

SYNOPSIS

Sets the CORS rules for a type of Storage service.

SYNTAX

```
Set-AzStorageCORSRule [-ServiceType] {Blob | Table | Queue | File} [-ClientTimeoutPerRequest
<System.Nullable`1[System.Int32]>] [-ConcurrentTaskCount
<System.Nullable`1[System.Int32]>] [-Context
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>] -CorsRules
<Microsoft.WindowsAzure.Commands.Storage.Model.ResourceModel.PSCorsRule[]> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-PassThru]
[-ServerTimeoutPerRequest <System.Nullable`1[System.Int32]>]
[<CommonParameters>]
```

DESCRIPTION

The Set-AzStorageCORSRule cmdlet sets the Cross-Origin Resource Sharing (CORS) rules for a type of Azure Storage

service. The types of storage services for this

cmdlet are Blob, Table, Queue, and File. This cmdlet overwrites the existing rules. To see the current rules, use the `Get-AzStorageCORSRule` cmdlet.

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` cmdlet.

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

-CorsRules <Microsoft.WindowsAzure.Commands.Storage.Model.ResourceModel.PSCorsRule[]>

Specifies an array of CORS rules. You can retrieve the existing rules using the Get-AzStorageCORSRule cmdlet.

Required? true
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

-PassThru <System.Management.Automation.SwitchParameter>

Indicates that this cmdlet returns a Boolean that reflects the success of the operation. By default, this cmdlet does not return a value.

Required? false
Position? named
Default value False
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

-ServiceType <Microsoft.WindowsAzure.Commands.Storage.Common.StorageServiceType>

Specifies the Azure Storage service type for which this cmdlet assigns rules. The acceptable values for this parameter are: - Blob

- Table

- Queue

- File

Required? true

Position? 0

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>).

OUTPUTS

Microsoft.WindowsAzure.Commands.Storage.Model.ResourceModel.PSCorsRule

NOTES

----- Example 1: Assign CORS rules to the blob service -----

```
$CorsRules = (@{  
    AllowedHeaders=@("x-ms-blob-content-type","x-ms-blob-content-disposition");  
    AllowedOrigins=@("*");  
    MaxAgeInSeconds=30;  
    AllowedMethods=@("Get","Connect")},  
@{  
    AllowedOrigins=@("http://www.fabrikam.com","http://www.contoso.com");  
    ExposedHeaders=@("x-ms-meta-data*", "x-ms-meta-customheader");  
    AllowedHeaders=@("x-ms-meta-target*", "x-ms-meta-customheader");  
    MaxAgeInSeconds=30;  
    AllowedMethods=@("Put")})
```

```
Set-AzStorageCORSRule -ServiceType Blob -CorsRules $CorsRules
```

The first command assigns an array of rules to the \$CorsRules variable. This command uses standard extends over several lines in this code block. The second command

assigns the rules in \$CorsRules to the Blob service type.

- Example 2: Change properties of a CORS rule for blob service -

```
$CorsRules = Get-AzStorageCORSRule -ServiceType Blob  
$CorsRules[0].AllowedHeaders = @("x-ms-blob-content-type", "x-ms-blob-content-disposition")  
$CorsRules[0].AllowedMethods = @("Get", "Connect", "Merge")  
Set-AzStorageCORSRule -ServiceType Blob -CorsRules $CorsRules
```

The first command gets the current CORS rules for the Blob type by using the Get-AzStorageCORSRule cmdlet. The command stores the rules in the \$CorsRules array

variable. The second and third commands modify the first rule in \$CorsRules. The final command assigns the rules in \$CorsRules to the Blob service type. The revised rules overwrite the current CORS rules.

RELATED LINKS

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

Get-AzStorageCORSRule

New-AzStorageContext

Remove-AzStorageCORSRule