



### ***Windows PowerShell Get-Help on Cmdlet 'Set-AzResourceGroup'***

***PS:\>Get-HELP Set-AzResourceGroup -Full***

#### **NAME**

Set-AzResourceGroup

#### **SYNOPSIS**

Modifies a resource group.

#### **SYNTAX**

Set-AzResourceGroup [-Tag] <System.Collections.Hashtable> [-ApiVersion <System.String>] [-DefaultProfile  
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Id <System.String>  
[-Pre] [<CommonParameters>]

Set-AzResourceGroup [-Tag] <System.Collections.Hashtable> [-ApiVersion <System.String>] [-DefaultProfile  
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Name  
<System.String> [-Pre] [<CommonParameters>]

#### **DESCRIPTION**

The Set-AzResourceGroup cmdlet modifies the properties of a resource group. You can use this cmdlet to add, change, or delete the Azure tags applied to a resource

group. Specify the Name parameter to identify the resource group and the Tag parameter to modify the tags. You cannot use this cmdlet to change the name of a resource group.

## PARAMETERS

**-ApiVersion <System.String>**

Specifies the API version that is supported by the resource Provider. You can specify a different version than the default version.

|                             |       |
|-----------------------------|-------|
| 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 |

**-Id <System.String>**

Specifies the ID of the resource group to modify.

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

-Name <System.String>

Specifies the name of the resource group to modify.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Pre <System.Management.Automation.SwitchParameter>

Indicates that this cmdlet considers pre-release API versions when it automatically determines which version to use.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Tag <System.Collections.Hashtable>

Key-value pairs in the form of a hash table. For example: @{key0="value0";key1=\$null;key2="value2"} A tag is a name-value pair that you can create and apply to

resources and resource groups. After you assign tags to resources and groups, you can use the Tag parameter of Get-AzResource and Get-AzResourceGroup to search

for resources and groups by tag name or name and value. You can use tags to categorize your resources, such as by department or cost center, or to track notes or

comments about the resources. To add or change a tag, you must replace the collection of tags for the resource group. To delete a tag, enter a hash table with all

tags currently applied to the resource group, from Get-AzResourceGroup , except for the tag you want to delete. To delete all tags from a resource group, specify

an empty hash table: `@{}`.

Required? true

Position? 1  
Default value None  
Accept pipeline input? True (ByPropertyName)  
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

System.Collections.Hashtable

#### OUTPUTS

Microsoft.Azure.Commands.ResourceManager.Cmdlets.SdkModels.PSResourceGroup

#### NOTES

----- Example 1: Apply a tag to a resource group -----

Set-AzResourceGroup -Name "ContosoRG" -Tag @{Department="IT"}

This command applies a Department tag with a value of IT to a resource group that has no existing tags.

----- Example 2: Add tags to a resource group -----

```
$Tags = (Get-AzResourceGroup -Name "ContosoRG").Tags
$Tags
$Tags += @{"Status"="Approved"; "FY2016"=$null}
Set-AzResourceGroup -Name "ContosoRG" -Tag $Tags
(Get-AzResourceGroup -Name "ContosoRG").Tags
```

This example adds a Status tag with a value of Approved and an FY2016 tag to a resource group that has existing tags. Because the tags you specify replace the existing tags, you must include the existing tags in the new tag collection or you will lose them. The first command gets the ContosoRG resource group and uses the dot method to get the value of its Tags property. The command stores the tags in the \$Tags variable. The second command gets the tags in the \$Tags variable. The third command uses the += assignment operator to add the Status and FY2016 tags to the array of tags in the \$Tags variable. The fourth command uses the Tag parameter of Set-AzResourceGroup to apply the tags in the \$Tags variable to the ContosoRG resource group. The fifth command gets all of the tags applied to the ContosoRG resource group. The output shows that the resource group has the Department tag and the two new tags, Status and FY2015.

----- Example 3: Delete all tags for a resource group -----

```
Set-AzResourceGroup -Name "ContosoRG" -Tag @{}
```

This command specifies the Tag parameter with an empty hash table value to delete all tags from the ContosoRG resource group.

## RELATED LINKS

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

Get-AzResource

Get-AzResourceGroup

New-AzResourceGroup

Remove-AzResourceGroup