



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

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

NAME

Set-AzResource

SYNOPSIS

Modifies a resource.

SYNTAX

```

Set-AzResource [-ApiVersion <System.String>] [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-ExtensionResourceName <System.String>] [-ExtensionResourceType <System.String>] [-Force] [-Kind
<System.String>] [-ODataQuery <System.String>] [-Plan
<System.Collections.Hashtable>] [-Pre] [-Properties <System.Management.Automation.PSObject>]
[-ResourceGroupName <System.String>] -ResourceName <System.String>
-ResourceType <System.String> [-Sku <System.Collections.Hashtable>] [-Tag <System.Collections.Hashtable>]
[-UsePatchSemantics] [-Confirm] [-WhatIf]
[<CommonParameters>]

```

```

Set-AzResource [-ApiVersion <System.String>] [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]

```

```

[-ExtensionResourceName <System.String>] [-ExtensionResourceType <System.String>] [-Force] [-Kind
<System.String>] [-ODataQuery <System.String>] [-Plan
<System.Collections.Hashtable>] [-Pre] [-Properties <System.Management.Automation.PSObject>] -ResourceName
<System.String> -ResourceType <System.String> [-Sku
<System.Collections.Hashtable>] [-Tag <System.Collections.Hashtable>] -TenantLevel [-UsePatchSemantics] [-Confirm]
[-WhatIf] [<CommonParameters>]

```

```

Set-AzResource [-ApiVersion <System.String>] [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-Force] -InputObject <Microsoft.Azure.Commands.ResourceManager.Cmdlets.SdkModels.PSResource> [-Kind
<System.String>] [-ODataQuery <System.String>] [-Plan
<System.Collections.Hashtable>] [-Pre] [-Properties <System.Management.Automation.PSObject>] [-Sku
<System.Collections.Hashtable>] [-Tag
<System.Collections.Hashtable>] [-UsePatchSemantics] [-Confirm] [-WhatIf] [<CommonParameters>]

```

```

Set-AzResource [-ApiVersion <System.String>] [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-Force] [-Kind <System.String>] [-ODataQuery <System.String>] [-Plan <System.Collections.Hashtable>] [-Pre]
[-Properties <System.Management.Automation.PSObject>]
-ResourceId <System.String> [-Sku <System.Collections.Hashtable>] [-Tag <System.Collections.Hashtable>]
[-UsePatchSemantics] [-Confirm] [-WhatIf] [<CommonParameters>]

```

DESCRIPTION

The Set-AzResource cmdlet modifies an existing Azure resource. Specify a resource to modify by name and type or by ID.

PARAMETERS

-ApiVersion <System.String>

Specifies the version of the resource provider API to use. If you do not specify a version, this cmdlet uses the latest available version.

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

-AsJob <System.Management.Automation.SwitchParameter>

Run cmdlet in the background

Required? false
Position? named
Default value False
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

-ExtensionResourceName <System.String>

Specifies the name of an extension resource for the resource. For instance, to specify a database, use the following format: server name`/`database name

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

-ExtensionResourceType <System.String>

Specifies the resource type for an extension resource. For instance, if the extension resource is a database specify the following:

``Microsoft.Sql/Servers/Databases``

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Force <System.Management.Automation.SwitchParameter>

Forces the command to run without asking for user confirmation.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-InputObject <Microsoft.Azure.Commands.ResourceManager.Cmdlets.SdkModels.PSResource>

The object representation of the resource to update.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-Kind <System.String>

Specifies the resource kind for the resource.

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

-ODataQuery <System.String>

Specifies an Open Data Protocol (OData) style filter. This cmdlet appends this value to the request in addition to any other filters.

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

-Plan <System.Collections.Hashtable>

Specifies resource plan properties, as a hash table, for the resource.

Required?	false
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

-Properties <System.Management.Automation.PSObject>

Specifies resource properties for the resource.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ResourceGroupName <System.String>

Specifies the name of the resource group where this cmdlet modifies the resource.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ResourceId <System.String>

Specifies the fully qualified resource ID, including the subscription, as in the following example:

`/subscriptions/`subscription

ID`/providers/Microsoft.Sql/servers/ContosoServer/databases/ContosoDatabase`

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ResourceName <System.String>

Specifies the name of the resource. For instance, to specify a database, use the following format:

`ContosoServer/ContosoDatabase`

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

-ResourceType <System.String>

Specifies the type of the resource. For instance, for a database, the resource type is as follows:

`Microsoft.Sql/Servers/Databases`

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

-Sku <System.Collections.Hashtable>

Specifies the SKU object of the resource as a hash table.

Required? false
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
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"}

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

Accept wildcard characters? false

-TenantLevel <System.Management.Automation.SwitchParameter>

Indicates that this cmdlet operates at the tenant level.

Required? true

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-UsePatchSemantics <System.Management.Automation.SwitchParameter>

Indicates that this cmdlet uses an HTTP PATCH to update the object, instead of an HTTP PUT.

Required? false

Position? named

Default value False

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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

Microsoft.Azure.Commands.ResourceManager.Cmdlets.SdkModels.PSResource

System.String

System.Management.Automation.PSObject

System.Collections.Hashtable

OUTPUTS

System.Management.Automation.PSObject

NOTES

----- Example 1: Modify a resource -----

```
$Resource = Get-AzResource -ResourceType Microsoft.Web/sites -ResourceGroupName ResourceGroup11
-ResourceName ContosoSite

$Resource.Properties.Enabled = "False"

$Resource | Set-AzResource -Force
```

The first command gets the resource named ContosoSite by using the Get-AzResource cmdlet, and then stores it in the \$Resource variable. The second command modifies a property of \$Resource. The final command updates the resource to match \$Resource.

-- Example 2: Modify all resources in a given resource group --

```
$Resource = Get-AzResource -ResourceGroupName testrg
$Resource | ForEach-Object { $_.Tags.Add("testkey", "testval") }
$Resource | Set-AzResource -Force
```

```
Name           : kv-test
ResourceId      :
/subscriptions/xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/testrg/providers/Microsoft.KeyVault/vaults/kv-test
ResourceName    : kv-test
ResourceType     : Microsoft.KeyVault/vaults
ResourceGroupName : testrg
Location        : westus
SubscriptionId   : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx
Tags            : {testrgkey, key}
Properties       : @{}

Name           : testresource
ResourceId      :
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```

/subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/testrg/providers/Providers.Test/statefulResources/testresource

ResourceName : testresource
ResourceType : Providers.Test/statefulResources
ResourceGroupName : testrg
Location : West US 2
SubscriptionId : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx
Tags : {testrgkey, anothertesttag}
Properties : @{key=value}
Sku : @{name=A0}

The first command gets the resources in the testrg resource group, and then stores them in the \$Resource variable.

The second command iterates over each of these resources in the resource group and adds a new tag to them.

The final command updates each of these resources.

RELATED LINKS

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

Get-AzResource

Move-AzResource

New-AzResource

Remove-AzResource