



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

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

NAME

Get-AzTag

SYNOPSIS

Gets predefined Azure tags | Gets the entire set of tags on a resource or subscription.

SYNTAX

```
Get-AzTag [[-Name] <System.String>] [-DefaultProfile  
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Detailed]  
[<CommonParameters>]
```

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

DESCRIPTION

GetPredefinedTagSet : The Get-AzTag cmdlet gets predefined Azure tags in your subscription. This cmdlet returns basic information about the tags or detailed

information about tags and their values. All output objects include a Count property that represents the number of resources and resource groups to which the tags and values have been applied. The Azure Tags module that Get-AzTag is a part of can help you manage predefined Azure tags. An Azure tag is a name-value pair that you can use to categorize your Azure resources and resource groups, such as by department or cost center, or to track notes or comments about the resources and groups. You can define and apply tags in a single step, but predefined tags let you establish standard, consistent, predictable names and values for the tags in your subscription. To create a predefined tag, use the New-AzTag cmdlet. To apply a predefined tag to a resource group, use the Tag parameter of the New-AzTag cmdlet. To search resource groups for a specific tag name or name and value, use the Tag parameter of the Get-AzResourceGroup cmdlet. GetByResourceIdParameterSet : The Get-AzTag cmdlet with a ResourceId gets the entire set of tags on a resource or subscription.

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

-Detailed <System.Management.Automation.SwitchParameter>

Indicates that this operation adds information about tag values to the output.

Required?	false
Position?	named
Default value	False
Accept pipeline input?	True (ByPropertyName)
Accept wildcard characters?	false

-Name <System.String>

Name of the predefined tag. By default, Get-AzTag gets basic information about all predefined tags in the subscription.

When you specify the Name parameter, the

Detailed parameter has no effect.

Required? false

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ResourceId <System.String>

The resource identifier for the tagged entity. A resource, a resource group or a subscription may be tagged.

Required? true

Position? named

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.Management.Automation.SwitchParameter

OUTPUTS

Microsoft.Azure.Commands.ResourceManager.Common.Tags.PSTag |

Microsoft.Azure.Commands.Tags.Model.PSTagResource

NOTES

----- Example 1: Get all predefined tags -----

Get-AzTag

Name	Count
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=====	=====
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Department	5
------------	---

FY2015	2
--------	---

CostCenter	20
------------	----

This command gets all predefined tags in the subscription. The Count property shows how many times the tag has been applied to resources and resource groups in the subscription.

----- Example 2: Get a tag by name -----

Get-AzTag -Name "Department"

Name: Department

Count: 5

Values:

Name	Count
Finance	2
IT	3

This command gets detailed information about the Department tag and its values. The Count property shows how many times the tag and each of its values has been applied to resources and resource groups in the subscription.

----- Example 3: Get values of all tags -----

Get-AzTag -Detailed

Name: Department

Count: 5

Values:

Name	Count
Finance	2
IT	3

Name: FY2015

Count: 2

Name: CostCenter

Count: 20

Values:

Name	Count
0001	5
0002	10
0003	5

This command uses the Detailed parameter to get detailed information about all predefined tags in the subscription. Using the Detailed parameter is the equivalent of using the Name parameter for every tag.

--- Example 4: Get the entire set of tags on a subscription ---

Get-AzTag -ResourceId /subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx

Id : {Id}
Name : {Name}
Type : {Type}
Properties :

Name	Value
tagKey1	tagValue1
tagKey2	tagValue2

This command gets the entire set of tags on the subscription with {subId}.

----- Example 5: Get the entire set of tags on a resource -----

Get-AzTag

-ResourceId

/subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourcegroups/testrg/providers/Microsoft.Sql/servers/Server1

Id : {Id}

Name : {Name}

Type : {Type}

Properties :

Name	Value
------	-------

=====	=====
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Dept	Finance
------	---------

Status	Normal
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This command gets the entire set of tags on the resource with {resourceId}.

RELATED LINKS

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

New-AzTag

Remove-AzTag

Update-AzTag