



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

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

WARNING: The names of some imported commands from the module 'Microsoft.Azure.PowerShell.Cmdlets.Network' include unapproved verbs that might make them less discoverable.

To find the commands with unapproved verbs, run the Import-Module command again with the Verbose parameter. For a list of approved verbs, type Get-Verb.

NAME

Get-AzApplicationSecurityGroup

SYNOPSIS

Gets an application security group.

SYNTAX

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

DESCRIPTION

The Get-AzApplicationSecurityGroup cmdlet gets an application security group.

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

-Name <System.String>

The resource name.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? true

-ResourceGroupName <System.String>

The resource group name.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? true

<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

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSApplicationSecurityGroup

NOTES

----- Example 1: Retrieve all application security groups. -----

Get-AzApplicationSecurityGroup

ProvisioningState : Succeeded

ResourceGroupName : MyResourceGroup

Location : southcentralus

ResourceGuid :

Type : Microsoft.Network/applicationSecurityGroups

Tag : {}

TagsTable :

Name : MyApplicationSecurityGroup1

Etag : W/"00000000-0000-0000-0000-000000000000"

Id

:

t.Network/applicationSecurityGroups/MyApplicationSecurityGroup1

ProvisioningState : Succeeded

ResourceGroupName : MyResourceGroup

Location : southcentralus

ResourceGuid :

Type : Microsoft.Network/applicationSecurityGroups

Tag : {}

TagsTable :

Name : MyApplicationSecurityGroup2

Etag : W/"00000000-0000-0000-0000-000000000000"

Id

:

/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/MyResourceGroup/providers/Microsoft

t.Network/applicationSecurityGroups/MyApplicationSecurityGroup2

The command above returns the all application security groups in the subscription.

Example 2: Retrieve application security groups in a resource group.

Get-AzApplicationSecurityGroup -ResourceGroupName MyResourceGroup

ProvisioningState : Succeeded

ResourceGroupName : MyResourceGroup

Location : southcentralus

ResourceGuid :

Type : Microsoft.Network/applicationSecurityGroups

Tag : {}

TagsTable :

Name : MyApplicationSecurityGroup1

Etag : W/"00000000-0000-0000-0000-000000000000"

Id

:

/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/MyResourceGroup/providers/Microsoft

t.Network/applicationSecurityGroups/MyApplicationSecurityGroup1

ProvisioningState : Succeeded

ResourceGroupName : MyResourceGroup

Location : southcentralus

ResourceGuid :

Type : Microsoft.Network/applicationSecurityGroups

Tag : {}

TagsTable :

Name : MyApplicationSecurityGroup2

Etag : W/"00000000-0000-0000-0000-000000000000"

Id

:

/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/MyResourceGroup/providers/Microsoft

t.Network/applicationSecurityGroups/MyApplicationSecurityGroup2

The command above returns all application security groups that belong to the resource group MyResourceGroup.

-- Example 3: Retrieve a specific application security group. --

Get-AzApplicationSecurityGroup -ResourceGroupName MyResourceGroup -Name MyApplicationSecurityGroup1

ProvisioningState : Succeeded

ResourceGroupName : MyResourceGroup

Location : southcentralus

ResourceGuid :

Type : Microsoft.Network/applicationSecurityGroups

Tag : {}

TagsTable :

Name : MyApplicationSecurityGroup1

Etag : W/"00000000-0000-0000-0000-000000000000"

Id

:

/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/MyResourceGroup/providers/Microsoft

t.Network/applicationSecurityGroups/MyApplicationSecurityGroup1

The command above returns the application security group MyApplicationSecurityGroup under the resource group MyResourceGroup.

Example 4: Retrieve application security groups using filtering.

Get-AzApplicationSecurityGroup -Name MyApplicationSecurityGroup*

ProvisioningState : Succeeded

ResourceGroupName : MyResourceGroup

Location : southcentralus

ResourceGuid :

Type : Microsoft.Network/applicationSecurityGroups

Tag : {}

TagsTable :

Name : MyApplicationSecurityGroup1

Etag : W/"00000000-0000-0000-0000-000000000000"

Id

:

/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/MyResourceGroup/providers/Microsof

t.Network/applicationSecurityGroups/MyApplicationSecurityGroup1

ProvisioningState : Succeeded

ResourceGroupName : MyResourceGroup

Location : southcentralus

ResourceGuid :

Type : Microsoft.Network/applicationSecurityGroups

Tag : {}

TagsTable :

Name : MyApplicationSecurityGroup2

Etag : W/"00000000-0000-0000-0000-000000000000"

Id

```
/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/MyResourceGroup/providers/Microsoft.Network/applicationSecurityGroups/MyApplicationSecurityGroup2
```

The command above returns all application security groups that start with "MyApplicationSecurityGroup".

RELATED LINKS

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

New-AzApplicationSecurityGroup

Remove-AzApplicationSecurityGroup

Get-AzNetworkSecurityRuleConfig

Get-AzNetworkInterfaceIpConfig