



Windows PowerShell Get-Help on Cmdlet 'Add-AzSecurityAdaptiveNetworkHardening'

PS:\>Get-HELP Add-AzSecurityAdaptiveNetworkHardening -Full

NAME

Add-AzSecurityAdaptiveNetworkHardening

SYNOPSIS

Enforces the given rules on the NSG(s) listed in the request

SYNTAX

```
Add-AzSecurityAdaptiveNetworkHardening -AdaptiveNetworkHardeningResourceName <System.String> [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
-NetworkSecurityGroup <System.Collections.Generic.List`1[System.String]>
    [-PassThru] -ResourceGroupName <System.String> -ResourceName <System.String> -ResourceNamespace
    <System.String> -ResourceType <System.String> -Rule
    <Microsoft.Azure.Commands.SecurityCenter.Models.AdaptiveNetworkHardening.PSSecurityAdaptiveNetworkHardeningsRu
    le[]> -SubscriptionId <System.String> [-Confirm]
    [-WhatIf] [<CommonParameters>]
```

Adaptive Network Hardenings are automatically calculated by Azure Security Center, use this cmdlet to enforces the given rules on the NSG(s) listed in the request.

PARAMETERS

`-AdaptiveNetworkHardeningResourceName <System.String>`

The name of the Adaptive Network Hardening resource.

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

`-NetworkSecurityGroup <System.Collections.Generic.List`1[System.String]>`

The Azure resource IDs of the effective network security groups

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

`-PassThru <System.Management.Automation.SwitchParameter>`

Return a value indicating success or failure

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-ResourceGroupName <System.String>

Resource group name.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceName <System.String>

Resource name.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceNamespace <System.String>

The Namespace of the resource.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceType <System.String>

The type of the resource.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Rule

<Microsoft.Azure.Commands.SecurityCenter.Models.AdaptiveNetworkHardening.PSSecurityAdaptiveNetworkHardeningsRule[]>

Rule to enforce

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-SubscriptionId <System.String>

Azure subscription ID.

Required? true

Position? named

Default value None

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>).

INPUTS

System.String

Microsoft.Azure.Commands.SecurityCenter.Models.AdaptiveNetworkHardenings.PSSecurityAdaptiveNetworkHardeningsRule

OUTPUTS

NOTES

----- Example 1 -----

```
$anh = Get-AzSecurityAdaptiveNetworkHardening -AdaptiveNetworkHardeningResourceName default
-ResourceGroupName myService1 -ResourceName myResource1 -ResourceNamespace
Microsoft.Compute -ResourceType virtualMachines | Select-Object -First 1
Add-AzSecurityAdaptiveNetworkHardening -AdaptiveNetworkHardeningResourceName default -ResourceGroupName
myService1 -ResourceName myResource1 -ResourceNamespace
Microsoft.Compute -ResourceType virtualMachines -SubscriptionId 3eeab341-f466-499c-a8be-85427e154baf7612f869
-Rule $anh.Properties.Rules -NetworkSecurityGroup
$anh.Properties.EffectiveNetworkSecurityGroups[0].NetworkSecurityGroups

True
```

Enforces the given rules on the NSG(s) listed in the request

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.security/Add-AzSecurityAdaptiveNetworkHardening>