Windows PowerShell Get-Help on Cmdlet 'Remove-AzNetworkSecurityRuleConfig'

PS:\>Get-HELP Remove-AzNetworkSecurityRuleConfig -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

   Remove-AzNetworkSecurityRuleConfig

SYNOPSIS

   Removes a network security rule from a network security group.

SYNTAX

   Remove-AzNetworkSecurityRuleConfig   [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]   [-Name <System.String>]

   -NetworkSecurityGroup   <Microsoft.Azure.Commands.Network.Models.PSNetworkSecurityGroup> [<CommonParameters>]

DESCRIPTION

The Remove-AzNetworkSecurityRuleConfig cmdlet removes a network security rule configuration from an Azure network 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>

Specifies the name of the network security rule configuration that this cmdlet removes.

Required?   false

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-NetworkSecurityGroup <Microsoft.Azure.Commands.Network.Models.PSNetworkSecurityGroup>

Specifies a NetworkSecurityGroup object. This object contains the network security rule configuration to remove.

Required?   true

Position?   named

Default value   None

Accept pipeline input?   True (ByValue)

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

Microsoft.Azure.Commands.Network.Models.PSNetworkSecurityGroup

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSNetworkSecurityGroup

NOTES

--- Example 1: Remove a network security rule configuration ---


```
$rule1 = New-AzNetworkSecurityRuleConfig -Name "rdp-rule" -Description "Allow RDP" -Access "Allow" -Protocol "Tcp"
-Direction "Inbound" -Priority 100
  -SourceAddressPrefix "Internet" -SourcePortRange * -DestinationAddressPrefix * -DestinationPortRange 3389
    $nsg = New-AzNetworkSecurityGroup -ResourceGroupName "TestRG" -Location "westus" -Name "NSG-FrontEnd"
-SecurityRules $rule1
  Remove-AzNetworkSecurityRuleConfig -Name "rdp-rule" -NetworkSecurityGroup $nsg
  $nsg | Set-AzNetworkSecurityGroup
```

The first command creates a network security rule configuration named rdp-rule, and then stores it in the $rule1 variable.
The second command creates a network

security group using the rule in $rule1, and then stores the network security group in the $nsg variable. The third

command removes the network security rule

configuration named rdp-rule from the network security group in $nsg. The forth command saves the change.

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/az.network/remove-aznetworksecurityruleconfig

Add-AzNetworkSecurityRuleConfig

Get-AzNetworkSecurityRuleConfig

New-AzNetworkSecurityGroup

New-AzNetworkSecurityRuleConfig

Set-AzNetworkSecurityRuleConfig