



Windows PowerShell Get-Help on Cmdlet 'New-AzFirewallPolicySnat'

PS:\>Get-HELP New-AzFirewallPolicySnat -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

New-AzFirewallPolicySnat

SYNOPSIS

Creates SNAT configuration of PrivateRange and AutoLearnPrivateRanges for the firewall policy

SYNTAX

New-AzFirewallPolicySnat [-AutoLearnPrivateRange] [-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]

[-PrivateRange <System.String[]>] [<CommonParameters>]

DESCRIPTION

The New-AzFirewallPolicySnat is used to configure Private Ranges and auto learn private ranges for a firewall policy.

PARAMETERS

-AutoLearnPrivateRange <System.Management.Automation.SwitchParameter>

Enable/disable auto learn private ranges. By default it is disabled.

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

-PrivateRange <System.String[]>

The Private IP Range

Required? false

Position? named

Default value None

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

None

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSAzureFirewallPolicySNAT

NOTES

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

```
New-AzFirewallPolicySnat -PrivateRange @"(3.3.0.0/24, 98.0.0.0/8,10.227.16.0/20)" -AutoLearnPrivateRange
```

```
PrivateRange      : ["3.3.0.0/24", "98.0.0.0/8","10.227.16.0/20"]
```

```
AutoLearnPrivateRanges : Enabled
```

This example configures private IP addresses/IP ranges to which traffic will not be SNATed and enables auto learn of private ip ranges in Firewall Policy.

----- Example 2 -----

```
New-AzFirewallPolicySnat -PrivateRange @"(3.3.0.0/24, 98.0.0.0/8,10.227.16.0/20)"
```

```
PrivateRange      : ["3.3.0.0/24", "98.0.0.0/8","10.227.16.0/20"]
```

AutoLearnPrivateRanges : Disabled

This example configures private IP addresses/IP ranges to which traffic will not be SNATed and disables auto learn of private ip ranges in Firewall Policy.

RELATED LINKS

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

New-AzFireWallPolicy

Set-AzFireWallPolicy