



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

PS: \>Get-HELP New-AzNetworkManagerSecurityAdminRule -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-AzNetworkManagerSecurityAdminRule

SYNOPSIS

Creates a security admin rule.

SYNTAX

```
New-AzNetworkManagerSecurityAdminRule -Access {Allow | Deny | AlwaysAllow} [-AsJob] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Description
    <System.String>] [-DestinationAddressPrefix
        <Microsoft.Azure.Commands.Network.Models.NetworkManager.PSNetworkManagerAddressPrefixItem[]>]
    [-DestinationPortRange <System.String[]>] -Direction {Inbound |
        Outbound} [-Force] -Name <System.String> -NetworkManagerName <System.String> -Priority <System.Int32> -Protocol
    {Tcp | Udp | Icmp | Esp | Any | Ah} -ResourceGroupName
        <System.String> -RuleCollectionName <System.String> -SecurityAdminConfigurationName <System.String>
```

```

[-SourceAddressPrefix
    <Microsoft.Azure.Commands.Network.Models.NetworkManager.PSNetworkManagerAddressPrefixItem[]>]
[-SourcePortRange <System.String[]>] [-Confirm] [-WhatIf]
[<CommonParameters>]

New-AzNetworkManagerSecurityAdminRule [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Flag
    <System.String> [-Force] -Name <System.String> -NetworkManagerName <System.String> -ResourceGroupName
<System.String> -RuleCollectionName <System.String>
    -SecurityAdminConfigurationName <System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

```

DESCRIPTION

The New-AzNetworkManagerSecurityAdminRule cmdlet creates a security admin rule.

PARAMETERS

-Access <System.String>

Access of Rule.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-AsJob <System.Management.Automation.SwitchParameter>

Run cmdlet in the background

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

-Description <System.String>

Description.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-DestinationAddressPrefix

<Microsoft.Azure.Commands.Network.Models.NetworkManager.PSNetworkManagerAddressPrefixItem[]>

Destination Address Prefixes.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-DestinationPortRange <System.String[]>

Destination Port Ranges.

Required? false
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-Direction <System.String>

Direction of Rule.

Required? true
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-Flag <System.String>

Default Flag Type.

Required? true
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-Force <System.Management.Automation.SwitchParameter>

Do not ask for confirmation if you want to overwrite a resource

Required? false
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-Name <System.String>

The resource name.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? true

-NetworkManagerName <System.String>

The network manager name.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? true

-Priority <System.Int32>

Priority of Rule.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Protocol <System.String>

Protocol of Rule.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ResourceGroupName <System.String>

The resource group name.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-RuleCollectionName <System.String>

The network manager security admin rule collection name.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? true

-SecurityAdminConfigurationName <System.String>

The network manager security admin configuration name.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? true

-SourceAddressPrefix

<Microsoft.Azure.Commands.Network.Models.NetworkManager.PSNetworkManagerAddressPrefixItem[]>

Source Address Prefixes.

Required? false
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-SourcePortRange <System.String[]>

Source Port Ranges.

Required? false
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
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.Network.Models.NetworkManager.PSNetworkManagerAddressPrefixItem[]

System.String[]

System.Int32

OUTPUTS

Microsoft.Azure.Commands.Network.Models.NetworkManager.PSNetworkManagerSecurityBaseAdminRule

NOTES

----- Example 1: Create Custom Security Admin Rule -----

```

$sourceAddressPrefix = New-AzNetworkManagerAddressPrefixItem -AddressPrefix "Internet" -AddressPrefixType
"ServiceTag"

$destinationAddressPrefix = New-AzNetworkManagerAddressPrefixItem -AddressPrefix "10.0.0.1" -AddressPrefixType
"IPPrefix"

$sourcePortList = @("100")

$destinationPortList = @("99")

New-AzNetworkManagerSecurityAdminRule -ResourceGroupName "psResourceGroup" -NetworkManagerName
"psNetworkManager" -ConfigName "psSecurityAdminConfig"

-RuleCollectionName "psRuleCollection" -Name "psRule" -Description "TestDescription" -Protocol "TCP" -Direction
"Inbound" -Access "Allow" -Priority 100

-SourcePortRange $sourcePortList -DestinationPortRange $destinationPortList -SourceAddressPrefix
$sourceAddressPrefix -DestinationAddressPrefix
$destinationAddressPrefix

Protocol : Tcp
Direction : Inbound

Sources :
{Microsoft.Azure.Commands.Network.Models.NetworkManager.PSNetworkManagerAddressPrefixItem}

Destinations :
{Microsoft.Azure.Commands.Network.Models.NetworkManager.PSNetworkManagerAddressPrefixItem}

SourcePortRanges : {100}

DestinationPortRanges : {99}

Access : Allow

Priority : 100

SourcesText : [
{
"AddressPrefix": "Internet",
"AddressPrefixType": "ServiceTag"
}
]

DestinationsText : [
{
"AddressPrefix": "10.0.0.1",

```

```

        "AddressPrefixType": "IPPrefix"
      }
    ]
  SourcePortRangesText    : [
    "100"
  ]
  DestinationPortRangesText : [
    "99"
  ]
  DisplayName             :
  Description              : TestDescription
  Type                    : Microsoft.Network/networkManagers/securityAdminConfigurations/ruleCollections/rules
  ProvisioningState       : Succeeded
  SystemData              : Microsoft.Azure.Commands.Network.Models.NetworkManager.PSSystemData
  SystemDataText          : {
    "CreatedBy": "jaredgorthy@microsoft.com",
    "CreatedByType": "User",
    "CreatedAt": "2022-08-08T00:39:56.4512419Z",
    "LastModifiedBy": "jaredgorthy@microsoft.com",
    "LastModifiedByType": "User",
    "LastModifiedAt": "2022-08-08T00:39:56.4512419Z"
  }
  Name                    : psRule
  Etag                    :
  Id                      :
    /subscriptions/f0dc2b34-dfad-40e4-83e0-2309fed8d00b/resourceGroups/psResourceGroup/providers/Microsoft.Network/net
workManagers/psNetworkMan
ager/securityAdminConfigurations/psSecurityAdminConfig/ruleCollections/psRuleCollection/rules/psRule

  Creates a security admin rule.

```

RELATED LINKS

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

`Get-AzNetworkManagerSecurityAdminRule`

`Remove-AzNetworkManagerSecurityAdminRule`

`Set-AzNetworkManagerSecurityAdminRule`