



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

PS:\>Get-HELP New-AzKeyVaultNetworkRuleSetObject -Full

NAME

New-AzKeyVaultNetworkRuleSetObject

SYNOPSIS

Create an object representing the network rule settings.

SYNTAX

```
New-AzKeyVaultNetworkRuleSetObject [-Bypass {None | AzureServices}] [-DefaultAction {Allow | Deny}] [-DefaultProfile  
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-IpAddressRange  
<System.String[]>] [-SubscriptionId <System.String>]  
[-VirtualNetworkResourceId <System.String[]>] [<CommonParameters>]
```

DESCRIPTION

Create an object representing the network rule settings that can be used when creating a vault.

PARAMETERS

-Bypass <Microsoft.Azure.Commands.KeyVault.Models.PSKeyVaultNetworkRuleBypassEnum>

Specifies bypass of network rule.

Required?	false
Position?	named
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-DefaultAction <Microsoft.Azure.Commands.KeyVault.Models.PSKeyVaultNetworkRuleDefaultActionEnum>

Specifies default action of network rule.

Required?	false
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

-IpAddressRange <System.String[]>

Specifies allowed network IP address range of network rule.

Required?	false
Position?	named
Default value	None
Accept pipeline input?	False

Accept wildcard characters? false

-SubscriptionId <System.String>

The ID of the subscription. By default, cmdlets are executed in the subscription that is set in the current context. If the user specifies another subscription,

the current cmdlet is executed in the subscription specified by the user. Overriding subscriptions only take effect during the lifecycle of the current cmdlet. It

does not change the subscription in the context, and does not affect subsequent cmdlets.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-VirtualNetworkResourceId <System.String[]>

Specifies allowed virtual network resource identifier of network rule.

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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

None

OUTPUTS

Microsoft.Azure.Commands.KeyVault.Models.PSKeyVaultNetworkRuleSet

NOTES

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

```
$frontendSubnet = New-AzVirtualNetworkSubnetConfig -Name frontendSubnet -AddressPrefix "110.0.1.0/24"
-ServiceEndpoint Microsoft.KeyVault

$virtualNetwork = New-AzVirtualNetwork -Name myVNet -ResourceGroupName myRG -Location westus -AddressPrefix
"110.0.0.0/16" -Subnet $frontendSubnet

$myNetworkResId = (Get-AzVirtualNetwork -Name myVNet -ResourceGroupName myRG).Subnets[0].Id

$ruleSet = New-AzKeyVaultNetworkRuleSetObject -DefaultAction Allow -Bypass AzureServices -IpAddressRange
"110.0.1.0/24" -VirtualNetworkResourceId $myNetworkResId

New-AzKeyVault -ResourceGroupName "myRg" -VaultName "myVault" -NetworkRuleSet $ruleSet
```

Creating a new vault and specifies network rules to allow access to the specified IP address from the virtual network identified by \$myNetworkResId.

RELATED LINKS

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