



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

PS:\>Get-HELP Remove-AzStorageAccountNetworkRule -Full

NAME

Remove-AzStorageAccountNetworkRule

SYNOPSIS

Remove IpRules or VirtualNetworkRules from the NetWorkRule property of a Storage account

SYNTAX

```
Remove-AzStorageAccountNetworkRule [-ResourceGroupName] <System.String> [-Name] <System.String> [-AsJob]
[-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -IPAddressOrRange
<System.String[]> [-Confirm] [-WhatIf]
[<CommonParameters>]
```

```
Remove-AzStorageAccountNetworkRule [-ResourceGroupName] <System.String> [-Name] <System.String> [-AsJob]
[-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -IPRule
<Microsoft.Azure.Commands.Management.Storage.Models.PSIpRule[]>
[-Confirm] [-WhatIf] [<CommonParameters>]
```

```

Remove-AzStorageAccountNetworkRule [-ResourceGroupName] <System.String> [-Name] <System.String> [-AsJob]
[-DefaultProfile

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

-ResourceAccessRule

    <Microsoft.Azure.Commands.Management.Storage.Models.PSResourceAccessRule[]>    [-Confirm]    [-WhatIf]

[<CommonParameters>]

```

```

Remove-AzStorageAccountNetworkRule [-ResourceGroupName] <System.String> [-Name] <System.String> [-AsJob]
[-DefaultProfile

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

<System.String> -TenantId <System.String> [-Confirm] [-WhatIf]

[<CommonParameters>]

```

```

Remove-AzStorageAccountNetworkRule [-ResourceGroupName] <System.String> [-Name] <System.String> [-AsJob]
[-DefaultProfile

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

-VirtualNetworkResourceId <System.String[]> [-Confirm] [-WhatIf]

[<CommonParameters>]

```

```

Remove-AzStorageAccountNetworkRule [-ResourceGroupName] <System.String> [-Name] <System.String> [-AsJob]
[-DefaultProfile

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

    <Microsoft.Azure.Commands.Management.Storage.Models.PSVirtualNetworkRule[]>    [-Confirm]    [-WhatIf]

[<CommonParameters>]

```

DESCRIPTION

The Remove-AzStorageAccountNetworkRule cmdlet removes IpRules or VirtualNetworkRules from the NetWorkRule property of a Storage account

PARAMETERS

-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

-IPAddressOrRange <System.String[]>

The Array of IPAddressOrRange, will remove IpRule with same IPAddressOrRange from the NetWorkRule Property.

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

-IPRule <Microsoft.Azure.Commands.Management.Storage.Models.PSIpRule[]>

The Array of IpRule objects to remove from the NetWorkRule Property.

Required?	true
Position?	named
Default value	None
Accept pipeline input?	True (ByValue)

Accept wildcard characters? false

-Name <System.String>

Specifies the name of the Storage account.

Required? true

Position? 1

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ResourceAccessRule <Microsoft.Azure.Commands.Management.Storage.Models.PSResourceAccessRule[]>

Storage Account NetworkRule ResourceAccessRules.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-ResourceGroupName <System.String>

Specifies the name of the resource group contains the Storage account.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ResourceId <System.String>

Storage Account ResourceAccessRule ResourceId in string.

Required? true

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

-TenantId <System.String>

Storage Account ResourceAccessRule TenantId in string.

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

-VirtualNetworkResourceId <System.String[]>

The Array of VirtualNetworkResourceId, will remove VirtualNetworkRule with same VirtualNetworkResourceId from the NetWorkRule Property.

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

-VirtualNetworkRule <Microsoft.Azure.Commands.Management.Storage.Models.PSVirtualNetworkRule[]>

The Array of VirtualNetworkRule objects to remove from the NetWorkRule Property.

Required? true
Position? named
Default value None
Accept pipeline input? True (ByValue)
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.Management.Storage.Models.PSIpRule[]

Microsoft.Azure.Commands.Management.Storage.Models.PSVirtualNetworkRule[]

OUTPUTS

Microsoft.Azure.Commands.Management.Storage.Models.PSVirtualNetworkRule

Microsoft.Azure.Commands.Management.Storage.Models.PSIpRule

NOTES

--- Example 1: Remove several IpRules with IPAddressOrRange ---

```
Remove-AzStorageAccountNetworkRule -ResourceGroupName "myResourceGroup" -Name "mystorageaccount"  
-IPAddressOrRange "10.0.0.0/7,28.1.0.0/16"
```

This command remove several IpRules with IPAddressOrRange.

Example 2: Remove a VirtualNetworkRule with VirtualNetworkRule Object input with JSON

```
Remove-AzStorageAccountNetworkRule -ResourceGroupName "myResourceGroup" -Name "mystorageaccount"  
-VirtualNetworkRule
```

```
(@{VirtualNetworkResourceId="/subscriptions/s1/resourceGroups/g1/providers/Microsoft.Network/virtualNetworks/vnet1/sub  
nets/subnet1";Action="allow"})
```

This command remove a VirtualNetworkRule with VirtualNetworkRule Object input with JSON.

----- Example 3: Remove first IpRule with pipeline -----

```
(Get-AzStorageAccountNetworkRuleSet -ResourceGroupName "myResourceGroup" -Name  
"mystorageaccount").IpRules[0] | Remove-AzStorageAccountNetworkRule -ResourceGroupName  
"myResourceGroup" -Name "myStorageAccount"
```

This command remove first IpRule with pipeline.

Example 4: Remove several VirtualNetworkRules with VirtualNetworkResourceID

```
Remove-AzStorageAccountNetworkRule -ResourceGroupName "myResourceGroup" -Name "mystorageaccount"  
-VirtualNetworkResourceId "/subscriptions/s1/resourceGroups/g1/providers/  
Microsoft.Network/virtualNetworks/vnet1/subnets/subnet1", "/subscriptions/s1/resourceGroups/g1/providers/Microsoft.Net  
work/virtualNetworks/vnet2/subnets/subnet2"
```

This command remove several VirtualNetworkRules with VirtualNetworkResourceID.

Example 5: Remove a resource access rule with TenantId and ResourceId.

```
Remove-AzStorageAccountNetworkRule -ResourceGroupName "myResourceGroup" -Name "mystorageaccount"  
-TenantId $tenantId -ResourceId $ResourceId
```

This command removes a resource access rule with TenantId and ResourceId.

Example 6: Remove the first 3 resource access rules from a storage account

```
(Get-AzStorageAccountNetworkRuleSet -ResourceGroupName "myResourceGroup" -Name  
"mystorageaccount").ResourceAccessRules | Select-Object -First 3 |
```

```
Remove-AzStorageAccountNetworkRule -ResourceGroupName "myResourceGroup" -Name "mystorageaccount"
```

This command removes the first 3 resource access rules from a storage account.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.storage/remove-azstorageaccountnetworkrule>