



Windows PowerShell Get-Help on Cmdlet 'Update-AzKeyVaultNetworkRuleSet'

PS:\>Get-HELP Update-AzKeyVaultNetworkRuleSet -Full

NAME

Update-AzKeyVaultNetworkRuleSet

SYNOPSIS

Updates the network rule set on a key vault.

SYNTAX

Update-AzKeyVaultNetworkRuleSet [-InputObject] <Microsoft.Azure.Commands.KeyVault.Models.PSKeyVault> [-Bypass {None | AzureServices}] [-DefaultAction {Allow | Deny}]

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

[-IpAddressRange <System.String[]>] [-PassThru]

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

[<CommonParameters>]

Update-AzKeyVaultNetworkRuleSet [-VaultName] <System.String> [[-ResourceGroupName] <System.String>] [-Bypass {None | AzureServices}] [-DefaultAction {Allow | Deny}]

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

[-IpAddressRange <System.String[]>] [-PassThru]

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

[<CommonParameters>]

Update-AzKeyVaultNetworkRuleSet [-ResourceId] <System.String> [-Bypass {None | AzureServices}] [-DefaultAction {Allow | Deny}] [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-IpAddressRange <System.String[]>] [-PassThru] [-SubscriptionId <System.String>] [-VirtualNetworkResourceId <System.String[]>] [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The Update-AzKeyVaultNetworkRuleSet command updates the network rules in effect on the specified key vault.

PARAMETERS

-Bypass <System.Nullable`1[Microsoft.Azure.Commands.KeyVault.Models.PSKeyVaultNetworkRuleBypassEnum]>
Specifies bypass of network rule.

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

-DefaultAction <System.Nullable`1[Microsoft.Azure.Commands.KeyVault.Models.PSKeyVaultNetworkRuleDefaultActionEnum]>
Specifies default action of network rule.

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

-InputObject <Microsoft.Azure.Commands.KeyVault.Models.PSKeyVault>

KeyVault object

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByValue)

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

-PassThru <System.Management.Automation.SwitchParameter>

This Cmdlet does not return an object by default. If this switch is specified, it returns the updated key vault object.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-ResourceGroupName <System.String>

Specifies the name of the resource group associated with the key vault whose network rule is being modified.

Required? false

Position? 1

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceId <System.String>

KeyVault Resource Id

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

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

-VaultName <System.String>

Specifies the name of a key vault whose network rule is being modified.

Required? true

Position? 0

Default value None

Accept pipeline input? False

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

-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

Microsoft.Azure.Commands.KeyVault.Models.PSKeyVault

System.String

System.Nullable`1[[Microsoft.Azure.Commands.KeyVault.Models.PSKeyVaultNetworkRuleDefaultActionEnum, Microsoft.Azure.PowerShell.Cmdlets.KeyVault, Version=1.0.0.0, Culture=neutral, PublicKeyToken=null]]

System.Nullable`1[[Microsoft.Azure.Commands.KeyVault.Models.PSKeyVaultNetworkRuleBypassEnum, Microsoft.Azure.PowerShell.Cmdlets.KeyVault, Version=1.0.0.0, Culture=neutral, PublicKeyToken=null]]

OUTPUTS

Microsoft.Azure.Commands.KeyVault.Models.PSKeyVault

NOTES

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

```
$frontendSubnet = New-AzVirtualNetworkSubnetConfig -Name frontendSubnet -AddressPrefix "10.0.1.0/24"
-ServiceEndpoint Microsoft.KeyVault

$virtualNetwork = New-AzVirtualNetwork -Name myVNet -ResourceGroupName myRG -Location westus -AddressPrefix
"10.0.0.0/16" -Subnet $frontendSubnet

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

Update-AzKeyVaultNetworkRuleSet -VaultName 'myVault' -ResourceGroupName myRG -Bypass AzureServices
-IpAddressRange "10.0.1.0/24" -VirtualNetworkResourceId

$myNetworkResId -PassThru
```

Vault Name : myVault

Resource Group Name : myRG

Location : West US

Resource ID : /subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxxxx/resourceGroups/myrg/providers
/Microsoft.KeyVault/vaults/myvault

Vault URI : https://myvault.vault.azure.net/

Tenant ID : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxxxx

SKU : Standard

Enabled For Deployment? : False

Enabled For Template Deployment? : False

Enabled For Disk Encryption? : False

Soft Delete Enabled? :

Access Policies :

Tenant ID : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxxxx

Object ID : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxxxx

Application ID :

Display Name : User Name (username@microsoft.com)

Permissions to Keys : get, create, delete, list, update,
import, backup, restore, recover

Permissions to Secrets : get, list, set, delete, backup,
restore, recover

Permissions to Certificates : get, delete, list, create, import,
update, deleteissuers, getissuers, listissuers, managecontacts, manageissuers,
setissuers, recover, backup, restore

Permissions to (Key Vault Managed) Storage : delete, deletesas, get, getsas, list,
listsas, regeneratekey, set, setsas, update, recover, backup, restore

Network Rule Set :

Default Action : Allow

Bypass : AzureServices

IP Rules : 10.0.1.0/24

Virtual Network Rules : /subscriptions/xxxxxxx-xxxx-xxxx-xxxx-
xxxxxxxxxxxx/resourcegroups/myrg/providers/microsoft.network/virtualnetworks/myvn
et/subnets/frontendsubnet

Tags :

This command updates the network ruleset on the vault named 'myVault' for the specified IP range and the virtual network, allowing bypassing of the network rule for Azure services.

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

Update-AzKeyVaultNetworkRuleSet -DefaultAction Allow -VaultName 'myVault'

RELATED LINKS

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