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Windows PowerShell Get-Help on Cmdlet 'Set-AzEventHubNetworkRuleSet'

PS:\>Get-HELP Set-AzEventHubNetworkRuleSet -Full

NAME

Set-AzEventHubNetworkRuleSet

SYNOPSIS

Sets an EventHub Namespace Network Rule Set

SYNTAX

Set-AzEventHubNetworkRuleSet -NamespaceName <String> -ResourceGroupName <String> [-SubscriptionId <String>] [-PublicNetworkAccess <String>]

[-TrustedServiceAccessEnabled] [-DefaultAction <String>] [-IPRule <INwRuleSetIPRules[]>] [-VirtualNetworkRule <INwRuleSetVirtualNetworkRules[]>] [-DefaultProfile

<PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>] [-ProxyCredential

<PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]

Set-AzEventHubNetworkRuleSet -InputObject <IEventHubIdentity> [-PublicNetworkAccess <String>] [-TrustedServiceAccessEnabled] [-DefaultAction <String>] [-IPRule

<INwRuleSetIPRules[]>] [-VirtualNetworkRule <INwRuleSetVirtualNetworkRules[]>] [-DefaultProfile <PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>]

[-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>] [-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm]

[<CommonParameters>]

DESCRIPTION

Sets an EventHub Namespace Network Rule Set

PARAMETERS

-NamespaceName <String>

The name of EventHub namespace

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ResourceGroupName <String>

The name of the resource group.

The name is case insensitive.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SubscriptionId <String>

The ID of the target subscription.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-InputObject <IEventHubIdentity>

Identity parameter.

To construct, see NOTES section for INPUTOBJECT properties and create a hash table.

Required? true

Position? named

Default value

Accept pipeline input? true (ByValue)

Accept wildcard characters? false

-PublicNetworkAccess <String>

This determines if traffic is allowed over public network.

By default it is enabled.

If value is SecuredByPerimeter then Inbound and Outbound communication is controlled by the network security perimeter and profile's access rules.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-TrustedServiceAccessEnabled [<SwitchParameter>]

Value that indicates whether Trusted Service Access is Enabled or not.

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-DefaultAction <String>

Default Action for Network Rule Set

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-IPRule <INwRuleSetIPRules[]>

List of IpRules

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-VirtualNetworkRule <INwRuleSetVirtualNetworkRules[]>

List of VirtualNetwork Rules

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-DefaultProfile <PSObject>

The credentials, account, tenant, and subscription used for communication with Azure.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-AsJob [<SwitchParameter>]

Run the command as a job

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-Break [<SwitchParameter>]

Wait for .NET debugger to attach

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-HttpPipelineAppend <SendAsyncStep[]>

SendAsync Pipeline Steps to be appended to the front of the pipeline

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-HttpPipelinePrepend <SendAsyncStep[]>

SendAsync Pipeline Steps to be prepended to the front of the pipeline

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-NoWait [<SwitchParameter>]

Run the command asynchronously

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-Proxy <Uri>

The URI for the proxy server to use

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ProxyCredential <PSCredential>

Credentials for a proxy server to use for the remote call

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ProxyUseDefaultCredentials [<SwitchParameter>]

Use the default credentials for the proxy

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-WhatIf [<SwitchParameter>]

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Confirm [<SwitchParameter>]

Required? false

Position? named

Default value

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.PowerShell.Cmdlets.EventHub.Models.IEventHubIdentity

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.EventHub.Models.INetworkRuleSet

NOTES

COMPLEX PARAMETER PROPERTIES

To create the parameters described below, construct a hash table containing the appropriate properties. For information on hash tables, run Get-Help about_Hash_Tables.

INPUTOBJECT <IEventHubIdentity>: Identity parameter. To construct, see NOTES section for INPUTOBJECT properties and create a hash table.

[Alias <String>]: The Disaster Recovery configuration name

[ApplicationGroupName <String>]: The Application Group name

[AuthorizationRuleName <String>]: The authorization rule name.

[ClusterName <String>]: The name of the Event Hubs Cluster.

[ConsumerGroupName <String>]: The consumer group name

[EventHubName <String>]: The Event Hub name

[Id <String>]: Resource identity path

[NamespaceName <String>]: The Namespace name

[PrivateEndpointConnectionName <String>]: The PrivateEndpointConnection name

[ResourceAssociationName <String>]: The ResourceAssociation Name

[ResourceGroupName <String>]: Name of the resource group within the azure subscription.

[SchemaGroupName <String>]: The Schema Group name

[SubscriptionId <String>]: Subscription credentials that uniquely identify a Microsoft Azure subscription. The

subscription ID forms part of the URI for every

service call.

IPRULE <INwRuleSetIPRules[]>: List of IpRules

[Action <String>]: The IP Filter Action

[IPMask <String>]: IP Mask

VIRTUALNETWORKRULE <INwRuleSetVirtualNetworkRules[]>: List of VirtualNetwork Rules

[IgnoreMissingVnetServiceEndpoint <Boolean?>]: Value that indicates whether to ignore missing Vnet Service Endpoint

[SubnetId <String>]: Resource ID of Virtual Network Subnet

---------- EXAMPLE 1 ----------

PS C:\>$ipRule1 = New-AzEventHubIPRuleConfig -IPMask 2.2.2.2 -Action Allow

$ipRule2 = New-AzEventHubIPRuleConfig -IPMask 3.3.3.3 -Action Allow

$virtualNetworkRule1 = New-AzEventHubVirtualNetworkRuleConfig -SubnetId '/subscriptions/subscriptionId/resourcegroups/myResourceGroup/providers/Microsoft.Network/virtualNetworks/myVirtualNetwork/subnets/default'

$networkRuleSet = Get-AzEventHubNetworkRuleSet -ResourceGroupName myResourceGroup -NamespaceName myNamespace

$networkRuleSet.IPRule += $ipRule1

$networkRuleSet.IPRule += $ipRule2

$networkRuleSet.VirtualNetworkRule += $virtualNetworkRule1

Set-AzEventHubNetworkRuleSet -ResourceGroupName myResourceGroup -NamespaceName myNamespace -IPRule $ipRule1,$ipRule2 -VirtualNetworkRule

$virtualNetworkRule1,$virtualNetworkRule2,$virtualNetworkRule3

---------- EXAMPLE 2 ----------

PS C:\>Set-AzEventHubNetworkRuleSet -ResourceGroupName myResourceGroup -NamespaceName myNamespace -TrustedServiceAccessEnabled

RELATED LINKS

https://learn.microsoft.com/powershell/module/az.eventhub/set-azeventhubnetworkruleset