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

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

NAME

Set-AzEventHubNamespace

SYNOPSIS

Updates an EventHub Namespace

SYNTAX

Set-AzEventHubNamespace -Name <String> -ResourceGroupName <String> [-SubscriptionId <String>] [-AlternateName <String>] [-DisableLocalAuth] [-KeyVaultProperty <IKeyVaultProperties[]>] [-RequireInfrastructureEncryption] [-IdentityType <String>] [-UserAssignedIdentityId <String[]>] [-EnableAutoInflate] [-MaximumThroughputUnit <Int32>] [-MinimumTlsVersion <String>] [-PublicNetworkAccess <String>] [-SkuCapacity <Int32>] [-Tag <Hashtable>] [-DefaultProfile <PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>] [-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]

Set-AzEventHubNamespace -InputObject <IEventHubIdentity> [-AlternateName <String>] [-DisableLocalAuth] [-KeyVaultProperty <IKeyVaultProperties[]>]

[-RequireInfrastructureEncryption] [-IdentityType <String>] [-UserAssignedIdentityId <String[]>] [-EnableAutoInflate] [-MaximumThroughputUnit <Int32>]

[-MinimumTlsVersion <String>] [-PublicNetworkAccess <String>] [-SkuCapacity <Int32>] [-Tag <Hashtable>] [-DefaultProfile <PSObject>] [-AsJob] [-Break]

[-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>] [-ProxyCredential <PSCredential>]

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

DESCRIPTION

Updates an EventHub Namespace

PARAMETERS

-Name <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

-AlternateName <String>

Alternate name specified when alias and namespace names are same

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-DisableLocalAuth [<SwitchParameter>]

This property disables SAS authentication for the Event Hubs namespace.

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-KeyVaultProperty <IKeyVaultProperties[]>

Properties to configure Encryption

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-RequireInfrastructureEncryption [<SwitchParameter>]

Enable Infrastructure Encryption (Double Encryption)

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-IdentityType <String>

Type of managed service identity.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-UserAssignedIdentityId <String[]>

Properties for User Assigned Identities

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-EnableAutoInflate [<SwitchParameter>]

Value that indicates whether AutoInflate is enabled for eventhub namespace.

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-MaximumThroughputUnit <Int32>

Upper limit of throughput units when AutoInflate is enabled, value should be within 0 to 20 throughput units.

('0' if AutoInflateEnabled = true)

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-MinimumTlsVersion <String>

The minimum TLS version for the cluster to support, e.g.

'1.2'

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-PublicNetworkAccess <String>

This determines if traffic is allowed over public network.

By default it is enabled.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SkuCapacity <Int32>

The Event Hubs throughput units for Basic or Standard tiers, where value should be 0 to 20 throughput units.

The Event Hubs premium units for Premium tier, where value should be 0 to 10 premium units.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-Tag <Hashtable>

Tag of EventHub Namespace.

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.IEhNamespace

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.

KEYVAULTPROPERTY <IKeyVaultProperties[]>: Properties to configure Encryption

[KeyName <String>]: Name of the Key from KeyVault

[KeyVaultUri <String>]: Uri of KeyVault

[KeyVersion <String>]: Key Version

[UserAssignedIdentity <String>]: ARM ID of user Identity selected for encryption

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

PS C:\>$eventHubNamespace = Get-AzEventHubNamespace -ResourceGroupName myResourceGroup -Name myNamespace

$identityId = $eventHubNamespace.UserAssignedIdentity.Keys

$identityId += "/subscriptions/000000000000000/resourceGroups/myResourceGroup/providers/Microsoft.ManagedIdentity/userAssignedIdentities/mySecondIdentity"

Set-AzEventHubNamespace -InputObject $eventHubNamespace -UserAssignedIdentityId $identityId

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

PS C:\>$eventHubNamespace = Get-AzEventHubNamespace -ResourceGroupName myResourceGroup -Name myNamespace

$newKeyVaultProperty = New-AzEventHubKeyVaultPropertiesObject -KeyName key3 -KeyVaultUri

https://testkeyvault.vault.azure.net -UserAssignedIdentity

"/subscriptions/000000000000000/resourceGroups/myResourceGroup/providers/Microsoft.ManagedIdentity/userAssignedIdentities/myFirstIdentity"

$eventHubNamespace.KeyVaultProperty += $newKeyVaultProperty

Set-AzEventHubNamespace -InputObject $eventHubNamespace -KeyVaultProperty $eventHubNamespace.KeyVaultProperty

---------- EXAMPLE 3 ----------

PS C:\>$eventHubNamespace = Get-AzEventHubNamespace -ResourceGroupName myResourceGroup -Name myNamespace

Remove the last KeyVaultProperty from the list of KeyVaultProperties

$eventHubNamespace.KeyVaultProperty = $eventHubNamespace.KeyVaultProperty | Where-Object { $_ -ne $eventHubNamespace.KeyVaultProperty[2] }

Set-AzEventHubNamespace -InputObject $eventHubNamespace -KeyVaultProperty $eventHubNamespace.KeyVaultProperty

---------- EXAMPLE 4 ----------

PS C:\>Set-AzEventHubNamespace -ResourceGroupName myResourceGroup -Name myNamespace -DisableLocalAuth

---------- EXAMPLE 5 ----------

PS C:\>$eventHubNamespace = New-AzEventHubNamespace -ResourceGroupName myResourceGroup -Name myNamespace -SkuName Premium -Location northeurope -IdentityType

UserAssigned -UserAssignedIdentityId

"/subscriptions/000000000000000/resourceGroups/myResourceGroup/providers/Microsoft.ManagedIdentity/userAssignedIdentities/myFirstIdentity"

$eventHubNamespace = Set-AzEventHubNamespace -ResourceGroupName myResourceGroup -Name myNamespace -IdentityType None -UserAssignedIdentityId @()

RELATED LINKS

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