



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

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

NAME

New-AzEventHubNamespace

SYNOPSIS

Creates an EventHub Namespace

SYNTAX

```
New-AzEventHubNamespace -Name <String> -ResourceGroupName <String> [-SubscriptionId <String>] -Location
<String> [-AlternateName <String>] [-ClusterArmId <String>]
[-DisableLocalAuth] [-RequireInfrastructureEncryption] [-ZoneRedundant] [-KeyVaultProperty <IKeyVaultProperties[]>]
[-IdentityType <String>] [-UserAssignedIdentityId
<String[]>] [-EnableAutoInflate] [-MaximumThroughputUnit <Int64>] [-MinimumTlsVersion <String>] [-SkuName <String>]
[-PublicNetworkAccess <String>] [-SkuCapacity
<Int64>] [-Tag <Hashtable>] [-DefaultProfile <PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>]
[-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait]
[-Proxy <Uri>] [-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm]
[<CommonParameters>]
```

DESCRIPTION

Creates 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

-Location <String>

Cluster ARM ID of the Namespace.

Required? true

Position? named

Default value

Accept pipeline input? false

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

-ClusterArmId <String>

Cluster ARM ID of the Namespace.

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

-RequireInfrastructureEncryption [<SwitchParameter>]

Enable Infrastructure Encryption (Double Encryption)

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-ZoneRedundant [<SwitchParameter>]

Enabling this property creates a Standard Event Hubs Namespace in regions supported availability zones.

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

-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 <Int64>

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

-SkuName <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 <Int64>

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

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.EventHub.Models.IEhNamespace

NOTES

COMPLEX PARAMETER PROPERTIES

information on hash tables, run Get-Help

about_Hash_Tables.

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:\>$keyVaultProperty1 = New-AzEventHubKeyVaultPropertiesObject -KeyName key1 -KeyVaultUri
https://testkeyvault.vault.azure.net -UserAssignedIdentity
```

```
"/subscriptions/0000000000000000/resourceGroups/myResourceGroup/providers/Microsoft.ManagedIdentity/userAssignedId
entities/myFirstIdentity"
```

```
$keyVaultProperty2 = New-AzEventHubKeyVaultPropertiesObject -KeyName key2 -KeyVaultUri
https://testkeyvault.vault.azure.net -UserAssignedIdentity
```

```
"/subscriptions/0000000000000000/resourceGroups/myResourceGroup/providers/Microsoft.ManagedIdentity/userAssignedId
entities/mySecondIdentity"
```

```
New-AzEventHubNamespace -ResourceGroupName myResourceGroup -Name myNamespace -SkuName Premium
-Location northeurope -IdentityType UserAssigned -UserAssignedIdentityId
```

```
"/subscriptions/0000000000000000/resourceGroups/myResourceGroup/providers/Microsoft.ManagedIdentity/userAssignedId
entities/myFirstIdentity","/subscriptions/000000000000
```

```
000/resourceGroups/myResourceGroup/providers/Microsoft.ManagedIdentity/userAssignedIdentities/mySecondIdentity"
-KeyVaultProperty $keyVaultProperty1,$keyVaultProperty2
```

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

```
PS C:\>New-AzEventHubNamespace -ResourceGroupName myResourceGroup -Name myNamespace -SkuName  
Premium -Location northeurope -IdentityType SystemAssigned
```

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

```
PS C:\>New-AzEventHubNamespace -ResourceGroupName myResourceGroup -Name myNamespace -SkuCapacity 10  
-MaximumThroughputUnit 18 -SkuName Standard -Location  
southcentralus -Tag @{k1='v1'; k2='v2'} -EnableAutoInflate -DisableLocalAuth
```

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.eventhub/new-azeventhubnamespace>