



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

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

NAME

New-AzEventGridNamespaceTopicEventSubscription

SYNOPSIS

Asynchronously creates or updates an event subscription of a namespace topic with the specified parameters.

Existing event subscriptions will be updated with this API.

SYNTAX

```
New-AzEventGridNamespaceTopicEventSubscription -EventSubscriptionName <String> -NamespaceName <String>
-ResourceGroupName <String> [-SubscriptionId <String>]
-TopicName <String> [-DeliveryConfigurationDeliveryMode <String>] [-EventDeliverySchema <String>]
[-FilterConfigurationFilter <IFilter[]>]
[-FilterConfigurationIncludedEventType <String[]>] [-IdentityType <String>] [-QueueEventTimeToLive <TimeSpan>]
[-QueueMaxDeliveryCount <Int32>]
[-QueueReceiveLockDurationInSecond <Int32>] [-UserAssignedIdentity <String>] [-DefaultProfile <PSObject>] [-AsJob]
[-Break] [-HttpPipelineAppend <SendAsyncStep[]>]
[-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>] [-ProxyCredential <PSCredential>]
[-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm]
[<CommonParameters>]
```

New-AzEventGridNamespaceTopicEventSubscription -EventSubscriptionName <String> -NamespaceName <String>
-ResourceGroupName <String> [-SubscriptionId <String>]
-TopicName <String> -JsonString <String> [-DefaultProfile <PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend
<SendAsyncStep[]>] [-HttpPipelinePrepend
<SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>] [-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf]
[-Confirm] [<CommonParameters>]

New-AzEventGridNamespaceTopicEventSubscription -EventSubscriptionName <String> -NamespaceName <String>
-ResourceGroupName <String> [-SubscriptionId <String>]
-TopicName <String> -JsonFilePath <String> [-DefaultProfile <PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend
<SendAsyncStep[]>] [-HttpPipelinePrepend
<SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>] [-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf]
[-Confirm] [<CommonParameters>]

New-AzEventGridNamespaceTopicEventSubscription -EventSubscriptionName <String> -TopicInputObject
<IEventGridIdentity> [-DeliveryConfigurationDeliveryMode <String>]
[-EventDeliverySchema <String>] [-FilterConfigurationFilter <IFilter[]>] [-FilterConfigurationIncludedEventType <String[]>]
[-IdentityType <String>]
[-QueueEventTimeToLive <TimeSpan>] [-QueueMaxDeliveryCount <Int32>] [-QueueReceiveLockDurationInSeconds
<Int32>] [-UserAssignedIdentity <String>] [-DefaultProfile
<PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>]
[-NoWait] [-Proxy <Uri>] [-ProxyCredential
<PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]

New-AzEventGridNamespaceTopicEventSubscription -EventSubscriptionName <String> -TopicName <String>
-NamespaceInputObject <IEventGridIdentity>
[-DeliveryConfigurationDeliveryMode <String>] [-EventDeliverySchema <String>] [-FilterConfigurationFilter <IFilter[]>]
[-FilterConfigurationIncludedEventType
<String[]>] [-IdentityType <String>] [-QueueEventTimeToLive <TimeSpan>] [-QueueMaxDeliveryCount <Int32>]
[-QueueReceiveLockDurationInSeconds <Int32>]
[-UserAssignedIdentity <String>] [-DefaultProfile <PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend
<SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>]

```

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

New-AzEventGridNamespaceTopicEventSubscription -InputObject <IEventGridIdentity>
[-DeliveryConfigurationDeliveryMode <String>] [-EventDeliverySchema <String>]
[-FilterConfigurationFilter <IFilter[]>] [-FilterConfigurationIncludedEventType <String[]>] [-IdentityType <String>]
[-QueueEventTimeToLive <TimeSpan>]
[-QueueMaxDeliveryCount <Int32>] [-QueueReceiveLockDurationInSecond <Int32>] [-UserAssignedIdentity <String>]
[-DefaultProfile <PSObject>] [-AsJob] [-Break]
[-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>]
[-ProxyCredential <PSCredential>]
[-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]

```

DESCRIPTION

Asynchronously creates or updates an event subscription of a namespace topic with the specified parameters.
Existing event subscriptions will be updated with this API.

PARAMETERS

-EventSubscriptionName <String>

Name of the event subscription to be created.

Event subscription names must be between 3 and 100 characters in length and use alphanumeric letters only.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-NamespaceName <String>

Name of the namespace.

Required? true
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-ResourceGroupName <String>

The name of the resource group within the user's subscription.

Required? true
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-SubscriptionId <String>

Subscription credentials that uniquely identify a Microsoft Azure subscription.

The subscription ID forms part of the URI for every service call.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-TopicName <String>

Name of the namespace topic.

Required? true
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-InputObject <IEventGridIdentity>

Identity Parameter

Required? true

Position? named

Default value

Accept pipeline input? true (ByValue)

Accept wildcard characters? false

-NamespaceInputObject <IEventGridIdentity>

Identity Parameter

Required? true

Position? named

Default value

Accept pipeline input? true (ByValue)

Accept wildcard characters? false

-TopicInputObject <IEventGridIdentity>

Identity Parameter

Required? true

Position? named

Default value

Accept pipeline input? true (ByValue)

Accept wildcard characters? false

-DeliveryConfigurationDeliveryMode <String>

Delivery mode of the event subscription.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-EventDeliverySchema <String>

The event delivery schema for the event subscription.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-FilterConfigurationFilter <IFilter[]>

An array of filters that are used for filtering event subscriptions.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-FilterConfigurationIncludedEventType <String[]>

A list of applicable event types that need to be part of the event subscription.

If it is desired to subscribe to all default event types, set the IncludedEventTypes to null.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-IdentityType <String>

The type of managed identity used.

The type 'SystemAssigned, UserAssigned' includes both an implicitly created identity and a set of user-assigned identities.

The type 'None' will remove any identity.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-QueueEventTimeToLive <TimeSpan>

Time span duration in ISO 8601 format that determines how long messages are available to the subscription from the time the message was published. This duration

value is expressed using the following format: '\P(n)Y(n)M(n)DT(n)H(n)M(n)S\', where: - (n) is replaced by the value of each time element that follows the (n).

- P is the duration (or Period) designator and is always placed at the beginning of the duration.

- Y is the year designator, and it follows the value for the number of years.

- M is the month designator, and it follows the value for the number of months.

- W is the week designator, and it follows the value for the number of weeks.

- D is the day designator, and it follows the value for the number of days.

- T is the time designator, and it precedes the time components.

- H is the hour designator, and it follows the value for the number of hours.

- M is the minute designator, and it follows the value for the number of minutes.

- S is the second designator, and it follows the value for the number of seconds. This duration value cannot be set greater than the topic's EventRetentionInDays.

It is an optional field where its minimum value is 1 minute, and its maximum is determined by the topic's EventRetentionInDays value.

The followings are examples of valid values: - '\P0DT23H12M\' or '\PT23H12M\': for duration of 23 hours and 12 minutes.

- '\P1D\' or '\P1DT0H0M0S\': for duration of 1 day.

Required? false

Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-QueueMaxDeliveryCount <Int32>

The maximum delivery count of the events.

Required? false
Position? named
Default value 0
Accept pipeline input? false
Accept wildcard characters? false

-QueueReceiveLockDurationInSecond <Int32>

Maximum period in seconds in which once the message is in received (by the client) state and waiting to be accepted, released or rejected.If this time elapsed

after a message has been received by the client and not transitioned into accepted (not processed), released or rejected,the message is available for redelivery.

This is an optional field, where default is 60 seconds, minimum is 60 seconds and maximum is 300 seconds.

Required? false
Position? named
Default value 0
Accept pipeline input? false
Accept wildcard characters? false

-UserAssignedIdentity <String>

The user identity associated with the resource.

Required? false
Position? named
Default value

Accept pipeline input? false

Accept wildcard characters? false

-JsonFilePath <String>

Path of Json file supplied to the Create operation

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-JsonString <String>

Json string supplied to the Create operation

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-DefaultProfile <PSObject>

The DefaultProfile parameter is not functional.

Use the SubscriptionId parameter when available if executing the cmdlet against a different subscription.

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.EventGrid.Models.IEventGridIdentity

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.EventGrid.Models.ISubscription

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.

FILTERCONFIGURATIONFILTER <IFilter[]>: An array of filters that are used for filtering event subscriptions.

OperatorType <String>: The operator type used for filtering, e.g., NumberIn, StringContains, BoolEquals and others.

[Key <String>]: The field/property in the event based on which you want to filter.

INPUTOBJECT <IEventGridIdentity>: Identity Parameter

[CaCertificateName <String>]: Name of the CA certificate.

[ChannelName <String>]: Name of the channel.

[ClientGroupName <String>]: Name of the client group.

[ClientName <String>]: Name of the client.

[DomainName <String>]: Name of the domain.

[DomainTopicName <String>]: Name of the topic.

[EventSubscriptionName <String>]: Name of the event subscription.

[Id <String>]: Resource identity path

[Location <String>]: Name of the location.

[NamespaceName <String>]: Name of the namespace.

[ParentName <String>]: The name of the parent resource (namely, either, the topic name, domain name, or partner namespace name or namespace name).

[ParentType <String>]: The type of the parent resource. This can be either 'topics', 'domains', or 'partnerNamespaces' or 'namespaces'.

[PartnerDestinationName <String>]: Name of the partner destination.

[PartnerNamespaceName <String>]: Name of the partner namespace.

[PartnerRegistrationName <String>]: Name of the partner registration.

[PartnerTopicName <String>]: Name of the partner topic.

[PermissionBindingName <String>]: Name of the permission binding.

[PrivateEndpointConnectionName <String>]: The name of the private endpoint connection connection.

[PrivateLinkResourceName <String>]: The name of private link resource will be either topic, domain, partnerNamespace or namespace.

[ProviderNamespace <String>]: Namespace of the provider of the topic.

[ResourceGroupName <String>]: The name of the resource group within the user's subscription.

[ResourceName <String>]: Name of the resource.

[ResourceTypeName <String>]: Name of the resource type.

[Scope <String>]: The scope of the event subscription. The scope can be a subscription, or a resource group, or a top level resource belonging to a resource

provider namespace, or an EventGrid topic. For example, use '/subscriptions/{subscriptionId}' for a subscription,

'/subscriptions/{subscriptionId}/resourceGroups/{resourceGroupName}' for a resource group, and

'/subscriptions/{subscriptionId}/resourceGroups/{resourceGroupName}/providers/{resourceProviderNamespace}/{resourceType}/{resourceName}' for a resource, and

'/subscriptions/{subscriptionId}/resourceGroups/{resourceGroupName}/providers/Microsoft.EventGrid/topics/{topicName}' for an EventGrid topic.

[SubscriptionId <String>]: Subscription credentials that uniquely identify a Microsoft Azure subscription. The subscription ID forms part of the URI for every service call.

[SystemTopicName <String>]: Name of the system topic.

[TopicName <String>]: Name of the domain topic.

[TopicSpaceName <String>]: Name of the Topic space.

[TopicTypeName <String>]: Name of the topic type.

[VerifiedPartnerName <String>]: Name of the verified partner.

NAMESPACEINPUTOBJECT <IEventGridIdentity>: Identity Parameter

[CaCertificateName <String>]: Name of the CA certificate.

[ChannelName <String>]: Name of the channel.

[ClientGroupName <String>]: Name of the client group.

[ClientName <String>]: Name of the client.

[DomainName <String>]: Name of the domain.

[DomainTopicName <String>]: Name of the topic.

[EventSubscriptionName <String>]: Name of the event subscription.

[Id <String>]: Resource identity path

[Location <String>]: Name of the location.

[NamespaceName <String>]: Name of the namespace.

[ParentName <String>]: The name of the parent resource (namely, either, the topic name, domain name, or partner namespace name or namespace name).

[ParentType <String>]: The type of the parent resource. This can be either 'topics', 'domains', or 'partnerNamespaces' or 'namespaces'.

[PartnerDestinationName <String>]: Name of the partner destination.

[PartnerNamespaceName <String>]: Name of the partner namespace.

[PartnerRegistrationName <String>]: Name of the partner registration.

[PartnerTopicName <String>]: Name of the partner topic.

[PermissionBindingName <String>]: Name of the permission binding.

[PrivateEndpointConnectionName <String>]: The name of the private endpoint connection connection.

[PrivateLinkResourceName <String>]: The name of private link resource will be either topic, domain, partnerNamespace or namespace.

[ProviderNamespace <String>]: Namespace of the provider of the topic.

[ResourceGroupName <String>]: The name of the resource group within the user's subscription.

[ResourceName <String>]: Name of the resource.

[ResourceTypeName <String>]: Name of the resource type.

[Scope <String>]: The scope of the event subscription. The scope can be a subscription, or a resource group, or a top level resource belonging to a resource

provider namespace, or an EventGrid topic. For example, use '/subscriptions/{subscriptionId}' for a subscription,

'/subscriptions/{subscriptionId}/resourceGroups/{resourceGroupName}' for a resource group, and

'/subscriptions/{subscriptionId}/resourceGroups/{resourceGroupName}/providers/{resourceProviderNamespace}/{resourceType}/{resourceName}' for a resource, and

'/subscriptions/{subscriptionId}/resourceGroups/{resourceGroupName}/providers/Microsoft.EventGrid/topics/{topicName}' for an EventGrid topic.

[SubscriptionId <String>]: Subscription credentials that uniquely identify a Microsoft Azure subscription. The subscription ID forms part of the URI for every

service call.

[SystemTopicName <String>]: Name of the system topic.

[TopicName <String>]: Name of the domain topic.

[TopicSpaceName <String>]: Name of the Topic space.

[TopicTypeName <String>]: Name of the topic type.

[VerifiedPartnerName <String>]: Name of the verified partner.

TOPICINPUTOBJECT <IEventGridIdentity>: Identity Parameter

[CaCertificateName <String>]: Name of the CA certificate.

[ChannelName <String>]: Name of the channel.

[ClientGroupName <String>]: Name of the client group.

[ClientName <String>]: Name of the client.

[DomainName <String>]: Name of the domain.

[DomainTopicName <String>]: Name of the topic.

[EventSubscriptionName <String>]: Name of the event subscription.

[Id <String>]: Resource identity path

[Location <String>]: Name of the location.

[NamespaceName <String>]: Name of the namespace.

[ParentName <String>]: The name of the parent resource (namely, either, the topic name, domain name, or partner namespace name or namespace name).

[ParentType <String>]: The type of the parent resource. This can be either 'topics', 'domains', or 'partnerNamespaces' or 'namespaces'.

[PartnerDestinationName <String>]: Name of the partner destination.

[PartnerNamespaceName <String>]: Name of the partner namespace.

[PartnerRegistrationName <String>]: Name of the partner registration.

[PartnerTopicName <String>]: Name of the partner topic.

[PermissionBindingName <String>]: Name of the permission binding.

[PrivateEndpointConnectionName <String>]: The name of the private endpoint connection connection.

[PrivateLinkResourceName <String>]: The name of private link resource will be either topic, domain, partnerNamespace or namespace.

[ProviderNamespace <String>]: Namespace of the provider of the topic.

[ResourceGroupName <String>]: The name of the resource group within the user's subscription.

[ResourceName <String>]: Name of the resource.

[ResourceTypeName <String>]: Name of the resource type.

[Scope <String>]: The scope of the event subscription. The scope can be a subscription, or a resource group, or a top level resource belonging to a resource

provider namespace, or an EventGrid topic. For example, use '/subscriptions/{subscriptionId}' for a subscription,

'/subscriptions/{subscriptionId}/resourceGroups/{resourceGroupName}' for a resource group, and

'/subscriptions/{subscriptionId}/resourceGroups/{resourceGroupName}/providers/{resourceProviderNamespace}/{resourceType}/{resourceName}' for a resource, and

'/subscriptions/{subscriptionId}/resourceGroups/{resourceGroupName}/providers/Microsoft.EventGrid/topics/{topicName}' for an EventGrid topic.

[SubscriptionId <String>]: Subscription credentials that uniquely identify a Microsoft Azure subscription. The subscription ID forms part of the URI for every service call.

[SystemTopicName <String>]: Name of the system topic.

[TopicName <String>]: Name of the domain topic.

[TopicSpaceName <String>]: Name of the Topic space.

[TopicTypeName <String>]: Name of the topic type.

[VerifiedPartnerName <String>]: Name of the verified partner.

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

```
PS C:\>$TimeSpan = New-TimeSpan -Hours 1 -Minutes 25
```

```
New-AzEventGridNamespaceTopicEventSubscription -EventSubscriptionName azps-eventsubname -NamespaceName  
azps-eventgridnamespace -ResourceGroupName  
azps_test_group_eventgrid -TopicName azps-topic -DeliveryConfigurationDeliveryMode Queue  
-QueueReceiveLockDurationInSeconds 60 -QueueMaxDeliveryCount 4  
-QueueEventTimeToLive $TimeSpan -EventDeliverySchema CloudEventSchemaV1_0
```

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.eventgrid/new-azeventgridnamespacetopiceventssubscription>