



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

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

NAME

New-AzEventGridSubscription

SYNOPSIS

Asynchronously creates a new event subscription or updates an existing event subscription based on the specified scope.

SYNTAX

```
New-AzEventGridSubscription -Name <String> -Scope <String> [-DeadLetterWithResourceIdentityType <String>]
[-DeadLetterWithResourceIdentityUserAssignedIdentity
    <String>] [-DeliveryWithResourceIdentityDestination <IEventSubscriptionDestination>]
[-DeliveryWithResourceIdentityType <String>]
    [-DeliveryWithResourceIdentityUserAssignedIdentity <String>] [-Destination <IEventSubscriptionDestination>]
[-EventDeliverySchema <String>] [-ExpirationTimeUtc
    <DateTime>] [-FilterAdvancedFilter <IAdvancedFilter[]>] [-FilterEnableAdvancedFilteringOnArray]
[-FilterIncludedEventType <String[]>] [-FilterIsSubjectCaseSensitive]
    [-FilterSubjectBeginsWith <String>] [-FilterSubjectEndsWith <String>] [-Label <String[]>]
[-RetryPolicyEventTimeToLiveInMinute <Int32>]
    [-RetryPolicyMaxDeliveryAttempt <Int32>] [-DefaultProfile <PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend
    <SendAsyncStep[]>] [-HttpPipelinePrepend
```

```

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

New-AzEventGridSubscription -Name <String> -Scope <String> -JsonString <String> [-DefaultProfile <PSObject>]
[-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>]
[-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait] [-PassThru] [-Proxy <Uri>] [-ProxyCredential <PSCredential>]
[-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm]
[<CommonParameters>]

New-AzEventGridSubscription -Name <String> -Scope <String> -JsonFilePath <String> [-DefaultProfile <PSObject>]
[-AsJob] [-Break] [-HttpPipelineAppend
<SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait] [-PassThru] [-Proxy <Uri>] [-ProxyCredential
<PSCredential>] [-ProxyUseDefaultCredentials]
[-WhatIf] [-Confirm] [<CommonParameters>]

New-AzEventGridSubscription -InputObject <IEventGridIdentity> [-DeadLetterWithResourceIdentityType <String>]
[-DeadLetterWithResourceIdentityUserAssignedIdentity
<String>] [-DeliveryWithResourceIdentityDestination <IEventSubscriptionDestination>]
[-DeliveryWithResourceIdentityType <String>]
[-DeliveryWithResourceIdentityUserAssignedIdentity <String>] [-Destination <IEventSubscriptionDestination>]
[-EventDeliverySchema <String>] [-ExpirationTimeUtc
<DateTime>] [-FilterAdvancedFilter <IAdvancedFilter[]>] [-FilterEnableAdvancedFilteringOnArray]
[-FilterIncludedEventType <String[]>] [-FilterIsSubjectCaseSensitive]
[-FilterSubjectBeginsWith <String>] [-FilterSubjectEndsWith <String>] [-Label <String[]>]
[-RetryPolicyEventTimeToLiveInMinute <Int32>]
[-RetryPolicyMaxDeliveryAttempt <Int32>] [-DefaultProfile <PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend
<SendAsyncStep[]>] [-HttpPipelinePrepend
<SendAsyncStep[]>] [-NoWait] [-PassThru] [-Proxy <Uri>] [-ProxyCredential <PSCredential>]
[-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]

```

DESCRIPTION

Asynchronously creates a new event subscription or updates an existing event subscription based on the specified scope.

PARAMETERS

-Name <String>

Name of the event subscription.

Event subscription names must be between 3 and 64 characters in length and should use alphanumeric letters only.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Scope <String>

The identifier of the resource to which the event subscription needs to be created or updated.

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.

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

-DeadLetterWithResourceIdentityType <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

-DeadLetterWithResourceIdentityUserAssignedIdentity <String>

The user identity associated with the resource.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-DeliveryWithResourceIdentityDestination <IEventSubscriptionDestination>

Information about the destination where events have to be delivered for the event subscription. Uses Azure Event Grid's identity to acquire the authentication

tokens being used during delivery / dead-lettering.

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

-DeliveryWithResourceIdentityType <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

-DeliveryWithResourceIdentityUserAssignedIdentity <String>

The user identity associated with the resource.

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

-Destination <IEventSubscriptionDestination>

Information about the destination where events have to be delivered for the event subscription. Uses Azure Event Grid's identity to acquire the authentication tokens being used during delivery / dead-lettering.

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

-ExpirationTimeUtc <DateTime>

Expiration time of the event subscription.

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

-FilterAdvancedFilter <IAdvancedFilter[]>

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

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

-FilterEnableAdvancedFilteringOnArray [<SwitchParameter>]

Allows advanced filters to be evaluated against an array of values instead of expecting a singular value.

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-FilterIncludedEventType <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

-FilterIsSubjectCaseSensitive [<SwitchParameter>]

Specifies if the SubjectBeginsWith and SubjectEndsWith properties of the filters should be compared in a case sensitive manner.

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-FilterSubjectBeginsWith <String>

An optional string to filter events for an event subscription based on a resource path prefix. The format of this depends on the publisher of the events. Wildcard

characters are not supported in this path.

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

-FilterSubjectEndsWith <String>

An optional string to filter events for an event subscription based on a resource path suffix. Wildcard characters are not supported in this path.

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

-Label <String[]>

List of user defined labels.

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

-RetryPolicyEventTimeToLiveInMinute <Int32>

Time To Live (in minutes) for events.

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

Accept wildcard characters? false

-RetryPolicyMaxDeliveryAttempt <Int32>

Maximum number of delivery retry attempts for events.

Required? false

Position? named

Default value 0

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

-PassThru [<SwitchParameter>]

Returns true when the command succeeds

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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

Microsoft.Azure.PowerShell.Cmdlets.EventGrid.Models.IEventGridIdentity

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.EventGrid.Models.IEventSubscription

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`.

DELIVERYWITHRESOURCEIDENTITYDESTINATION <IEventSubscriptionDestination>: Information about the destination where events have to be delivered for the event

subscription.Uses Azure Event Grid's identity to acquire the authentication tokens being used during delivery / dead-lettering.

EndpointType <String>: Type of the endpoint for the event subscription destination.

DESTINATION <IEventSubscriptionDestination>: Information about the destination where events have to be delivered for the event subscription. Uses Azure Event

Grid's identity to acquire the authentication tokens being used during delivery / dead-lettering.

EndpointType <String>: Type of the endpoint for the event subscription destination.

FILTERADVANCEDFILTER <IAdvancedFilter[]>: An array of advanced 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.

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

```
PS C:\>$obj = New-AzEventGridWebHookEventSubscriptionDestinationObject -EndpointUrl
"https://azpsweb.azurewebsites.net/api/updates"

New-AzEventGridSubscription -Name azps-eventsub -Scope
"subscriptions/XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX" -Destination $obj -FilterIsSubjectCaseSensitive:$false
```

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

```
PS C:\>$obj = New-AzEventGridWebHookEventSubscriptionDestinationObject -EndpointUrl  
"https://azpsweb.azurewebsites.net/api/updates"
```

```
$topic = Get-AzEventGridTopic -ResourceGroupName azps_test_group_eventgrid -Name azps-topic  
New-AzEventGridSubscription -Name azps-eventsub -Scope $topic.Id -Destination $obj  
-FilterIsSubjectCaseSensitive:$false -FilterSubjectBeginsWith "ExamplePrefix"  
-FilterSubjectEndsWith "ExampleSuffix"
```

RELATED LINKS

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