



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

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

NAME

New-AzEventGridChannel

SYNOPSIS

Synchronously creates or updates a new channel with the specified parameters.

SYNTAX

```
New-AzEventGridChannel -Name <String> -PartnerNamespaceName <String> -ResourceGroupName <String>
[-SubscriptionId <String>] [-ChannelType <String>]
[-EventTypeInfoInlineEventType <Hashtable>] [-EventTypeInfoKind <String>] [-ExpirationTimeIfNotActivatedUtc
<DateTime>] [-MessageForActivation <String>]
[-PartnerDestinationInfoAzureSubscriptionId <String>] [-PartnerDestinationInfoEndpointServiceContext <String>]
[-PartnerDestinationInfoName <String>]
[-PartnerDestinationInfoResourceGroupName <String>] [-PartnerDestinationInfoResourceMoveChangeHistory
<IResourceMoveChangeHistory[]>]
[-PartnerTopicInfoAzureSubscriptionId <String>] [-PartnerTopicInfoName <String>]
[-PartnerTopicInfoResourceGroupName <String>] [-PartnerTopicInfoSource <String>]
[-ProvisioningState <String>] [-ReadinessState <String>] [-DefaultProfile <PSObject>] [-Break] [-HttpPipelineAppend
<SendAsyncStep[]>] [-HttpPipelinePrepend
```

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

New-AzEventGridChannel -Name <String> -PartnerNamespaceName <String> -ResourceGroupName <String>
[-SubscriptionId <String>] -JsonString <String> [-DefaultProfile
<PSObject>] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-PassThru]
[-Proxy <Uri>] [-ProxyCredential <PSCredential>]
[-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]

New-AzEventGridChannel -Name <String> -PartnerNamespaceName <String> -ResourceGroupName <String>
[-SubscriptionId <String>] -JsonFilePath <String> [-DefaultProfile
<PSObject>] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-PassThru]
[-Proxy <Uri>] [-ProxyCredential <PSCredential>]
[-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]

New-AzEventGridChannel -Name <String> -PartnerNamespaceInputObject <IEventGridIdentity> [-ChannelType
<String>] [-EventTypeInfoInlineEventType <Hashtable>]

[-EventTypeInfoKind <String>] [-ExpirationTimelfNotActivatedUtc <DateTime>] [-MessageForActivation <String>]
[-PartnerDestinationInfoAzureSubscriptionId <String>]

[-PartnerDestinationInfoEndpointServiceContext <String>] [-PartnerDestinationInfoName <String>]
[-PartnerDestinationInfoResourceGroupName <String>]

[-PartnerDestinationInfoResourceMoveChangeHistory <IResourceMoveChangeHistory[]>]
[-PartnerTopicInfoAzureSubscriptionId <String>] [-PartnerTopicInfoName <String>]

[-PartnerTopicInfoResourceGroupName <String>] [-PartnerTopicInfoSource <String>] [-ProvisioningState <String>]
[-ReadinessState <String>] [-DefaultProfile <PSObject>]

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

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

New-AzEventGridChannel -InputObject <IEventGridIdentity> [-ChannelType <String>] [-EventTypeInfoInlineEventType
<Hashtable>] [-EventTypeInfoKind <String>]

[-ExpirationTimelfNotActivatedUtc <DateTime>] [-MessageForActivation <String>]
[-PartnerDestinationInfoAzureSubscriptionId <String>]

[-PartnerDestinationInfoEndpointServiceContext <String>] [-PartnerDestinationInfoName <String>]
 [-PartnerDestinationInfoResourceGroupName <String>]
 [-PartnerDestinationInfoResourceMoveChangeHistory <IResourceMoveChangeHistory[]>]
 [-PartnerTopicInfoAzureSubscriptionId <String>] [-PartnerTopicInfoName <String>]
 [-PartnerTopicInfoResourceGroupName <String>] [-PartnerTopicInfoSource <String>] [-ProvisioningState <String>]
 [-ReadinessState <String>] [-DefaultProfile <PSObject>]
 [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-PassThru] [-Proxy
 <Uri>] [-ProxyCredential <PSCredential>]
 [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]

DESCRIPTION

Synchronously creates or updates a new channel with the specified parameters.

PARAMETERS

-Name <String>

Name of the channel.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-PartnerNamespaceName <String>

Name of the partner 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 partners 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

-InputObject <IEventGridIdentity>

Identity Parameter

Required? true

Position? named

Default value

Accept pipeline input? true (ByValue)

Accept wildcard characters? false

-PartnerNamespaceInputObject <IEventGridIdentity>

Identity Parameter

Required? true

Position? named
Default value
Accept pipeline input? true (ByValue)
Accept wildcard characters? false

-ChannelType <String>

The type of the event channel which represents the direction flow of events.

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

-EventTypeInfoInlineEventType <Hashtable>

A collection of inline event types for the resource.

The inline event type keys are of type string which represents the name of the event. An example of a valid inline event name is "Contoso.OrderCreated". The inline event type values are of type InlineEventProperties and will contain additional information for every inline event type.

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

-EventTypeInfoKind <String>

The kind of event type used.

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

Accept wildcard characters? false

-ExpirationTimeIfNotActivatedUtc <DateTime>

Expiration time of the channel.

If this timer expires while the corresponding partner topic is never activated, the channel and corresponding partner topic are deleted.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-MessageForActivation <String>

Context or helpful message that can be used during the approval process by the subscriber.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-PartnerDestinationInfoAzureSubscriptionId <String>

Azure subscription ID of the subscriber.

The partner destination associated with the channel will be created under this Azure subscription.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-PartnerDestinationInfoEndpointServiceContext <String>

Additional context of the partner destination endpoint.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-PartnerDestinationInfoName <String>

Name of the partner destination associated with the channel.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-PartnerDestinationInfoResourceGroupName <String>

Azure Resource Group of the subscriber.

The partner destination associated with the channel will be created under this resource group.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-PartnerDestinationInfoResourceMoveChangeHistory <IResourceMoveChangeHistory[]>

Change history of the resource move.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-PartnerTopicInfoAzureSubscriptionId <String>

Azure subscription ID of the subscriber.

The partner topic associated with the channel will be created under this Azure subscription.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-PartnerTopicInfoName <String>

Name of the partner topic associated with the channel.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-PartnerTopicInfoResourceGroupName <String>

Azure Resource Group of the subscriber.

The partner topic associated with the channel will be created under this resource group.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-PartnerTopicInfoSource <String>

The source information is provided by the publisher to determine the scope or context from which the events are originating.

This information can be used by the subscriber during the approval process of the created partner topic.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ProvisioningState <String>

Provisioning state of the channel.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ReadinessState <String>

The readiness state of the corresponding partner topic.

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

-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

-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.IChannel

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 <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.

PARTNERDESTINATIONINFORESOURCEMOVECHANGEHISTORY <IResourceMoveChangeHistory[]>: Change history of the resource move.

[AzureSubscriptionId <String>]: Azure subscription ID of the resource.

[ChangedTimeUtc <DateTime?>]: UTC timestamp of when the resource was changed.

[ResourceGroupName <String>]: Azure Resource Group of the resource.

PARTNERNAMESPACEINPUTOBJECT <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. *Page 15/17*

[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:\>$dateObj = Get-Date -Year 2023 -Month 11 -Day 10 -Hour 11 -Minute 06 -Second 07
```

```
New-AzEventGridChannel -Name azps-channel -PartnerNamespaceName azps-partnernamespace  
-ResourceGroupName azps_test_group_eventgrid -ChannelType PartnerTopic  
-PartnerTopicInfoAzureSubscriptionId "XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXXXX"  
-PartnerTopicInfoResourceGroupName "azps_test_group_eventgrid2" -PartnerTopicInfoName
```

```
"default" -PartnerTopicInfoSource "ContosoCorp.Accounts.User1" -ExpirationTimeIfNotActivatedUtc  
$dateObj.ToUniversalTime()
```

RELATED LINKS

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