



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

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

NAME

New-AzEventGridClient

SYNOPSIS

Create a client with the specified parameters.

SYNTAX

```
New-AzEventGridClient -Name <String> -NamespaceName <String> -ResourceGroupName <String> [-SubscriptionId
<String>] [-Attribute <Hashtable>] [-AuthenticationName
    <String>] [-CertificateSubjectCommonName <String>] [-CertificateSubjectCountryCode <String>]
[-CertificateSubjectOrganization <String>]
    [-CertificateSubjectOrganizationUnit <String>] [-CertificateThumbprintPrimary <String>] [-CertificateThumbprintSecondary
    <String>]
    [-ClientCertificateAuthenticationAllowedThumbprint <String[]>] [-ClientCertificateAuthenticationValidationScheme
    <String>] [-Description <String>] [-State <String>]
    [-DefaultProfile <PSCredential>] [-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend
    <SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>]
    [-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]
```

New-AzEventGridClient -Name <String> -NamespaceName <String> -ResourceGroupName <String> [-SubscriptionId <String>] -JsonString <String> [-DefaultProfile <PSObject>]

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

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

New-AzEventGridClient -Name <String> -NamespaceName <String> -ResourceGroupName <String> [-SubscriptionId <String>] -JsonFilePath <String> [-DefaultProfile

<PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>] [-ProxyCredential

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

New-AzEventGridClient -Name <String> -NamespaceInputObject <IEventGridIdentity> [-Attribute <Hashtable>] [-AuthenticationName <String>] [-CertificateSubjectCommonName

<String>] [-CertificateSubjectCountryCode <String>] [-CertificateSubjectOrganization <String>] [-CertificateSubjectOrganizationUnit <String>]

[-CertificateThumbprintPrimary <String>] [-CertificateThumbprintSecondary <String>] [-ClientCertificateAuthenticationAllowedThumbprint <String[]>]

[-ClientCertificateAuthenticationValidationScheme <String>] [-Description <String>] [-State <String>] [-DefaultProfile <PSObject>] [-AsJob] [-Break]

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

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

New-AzEventGridClient -InputObject <IEventGridIdentity> [-Attribute <Hashtable>] [-AuthenticationName <String>] [-CertificateSubjectCommonName <String>]

[-CertificateSubjectCountryCode <String>] [-CertificateSubjectOrganization <String>] [-CertificateSubjectOrganizationUnit <String>] [-CertificateThumbprintPrimary

<String>] [-CertificateThumbprintSecondary <String>] [-ClientCertificateAuthenticationAllowedThumbprint <String[]>] [-ClientCertificateAuthenticationValidationScheme

<String>] [-Description <String>] [-State <String>] [-DefaultProfile <PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend

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

[-Confirm] [<CommonParameters>]

DESCRIPTION

Create a client with the specified parameters.

PARAMETERS

-Name <String>

The client name.

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

-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

-Attribute <Hashtable>

Attributes for the client.

Supported values are int, bool, string, string[]. Example: "attributes": { "room": "345", "floor": 12, "deviceTypes": ["Fan",

"Light"] }

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-AuthenticationName <String>

The name presented by the client for authentication.

The default value is the name of the resource.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-CertificateSubjectCommonName <String>

The common name field in the subject name.

The allowed limit is 64 characters and it should be specified.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-CertificateSubjectCountryCode <String>

The country code field in the subject name.

If present, the country code should be represented by two-letter code defined in ISO 2166-1 (alpha-2).

For example: 'US'.

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

-CertificateSubjectOrganization <String>

The organization field in the subject name.
If present, the allowed limit is 64 characters.

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

-CertificateSubjectOrganizationUnit <String>

The organization unit field in the subject name.
If present, the allowed limit is 32 characters.

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

-CertificateThumbprintPrimary <String>

The primary thumbprint used for validation.

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

Accept wildcard characters? false

-CertificateThumbprintSecondary <String>

The secondary thumbprint used for validation.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ClientCertificateAuthenticationAllowedThumbprint <String[]>

The list of thumbprints that are allowed during client authentication.

This property is required only if the validationScheme is 'ThumbprintMatch'.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ClientCertificateAuthenticationValidationScheme <String>

The validation scheme used to authenticate the client.

Default value is SubjectMatchesAuthenticationName.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Description <String>

Description for the Client resource.

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

-State <String>

Indicates if the client is enabled or not.
Default value is Enabled.

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.IClient

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.

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.

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

```
PS C:\>$attribute = @{"room"="345";"floor"="3";"deviceTypes"="Fan"}
```

```
New-AzEventGridClient -Name azps-client -NamespaceName azps-eventgridnamespace -ResourceGroupName  
azps_test_group_eventgrid -Attribute $attribute -State Enabled  
-ClientCertificateAuthenticationValidationScheme "SubjectMatchesAuthenticationName"
```

RELATED LINKS

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

