



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

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

NAME

New-AzSynapseKustoPoolDataConnection

SYNOPSIS

Creates or updates a data connection.

SYNTAX

```
New-AzSynapseKustoPoolDataConnection -DataConnectionName <String> -DatabaseName <String> -KustoPoolName
<String> -ResourceGroupName <String> -WorkspaceName <String>
[-SubscriptionId <String>] -Kind <DataConnectionKind> -ConsumerGroup <String> -Location <String>
-EventHubResourceId <String> [-DataFormat <EventGridDataFormat>]
[-EventSystemProperty <String[]>] [-MappingRuleName <String>] [-TableName <String>] [-Compression <Compression>]
[-DefaultProfile <PSObject>] [-AsJob] [-Break]
[-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>]
[-ProxyCredential <PSCredential>]
[-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]
```

```
New-AzSynapseKustoPoolDataConnection -DataConnectionName <String> -DatabaseName <String> -KustoPoolName
<String> -ResourceGroupName <String> -WorkspaceName <String>
```

[-SubscriptionId <String>] -Kind <DataConnectionKind> -ConsumerGroup <String> -Location <String>
-EventHubResourceId <String> [-DataFormat <EventGridDataFormat>]

[-MappingRuleName <String>] [-TableName <String>] -StorageAccountResourceId <String> [-DefaultProfile <PSObject>]
[-AsJob] [-Break] [-HttpPipelineAppend
<SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>] [-ProxyCredential
<PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf]
[-Confirm] [<CommonParameters>]

New-AzSynapseKustoPoolDataConnection -DataConnectionName <String> -DatabaseName <String> -KustoPoolName
<String> -ResourceGroupName <String> -WorkspaceName <String>

[-SubscriptionId <String>] -Kind <DataConnectionKind> -ConsumerGroup <String> -Location <String> [-DataFormat
<EventGridDataFormat>] [-EventSystemProperty <String[]>]

[-MappingRuleName <String>] [-TableName <String>] -IotHubResourceId <String> -SharedAccessPolicyName <String>
[-DefaultProfile <PSObject>] [-AsJob] [-Break]

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

New-AzSynapseKustoPoolDataConnection -DataConnectionName <String> -DatabaseName <String> -KustoPoolName
<String> -ResourceGroupName <String> -WorkspaceName <String>

[-SubscriptionId <String>] -Kind <DataConnectionKind> -ConsumerGroup <String> -Location <String> [-DataFormat
<EventGridDataFormat>] [-MappingRuleName <String>]

[-TableName <String>] [-BlobStorageEventType <BlobStorageEventType>] [-IgnoreFirstRecord] [-DefaultProfile
<PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend

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

New-AzSynapseKustoPoolDataConnection -DataConnectionName <String> -DatabaseName <String> -KustoPoolName
<String> -ResourceGroupName <String> -WorkspaceName <String>

[-SubscriptionId <String>] -Kind <DataConnectionKind> -ConsumerGroup <String> -Location <String> [-DataFormat
<EventGridDataFormat>] [-MappingRuleName <String>]

[-TableName <String>] [-BlobStorageEventType <BlobStorageEventType>] [-IgnoreFirstRecord] [-DefaultProfile

<PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend
 <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>] [-ProxyCredential
 <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf]
 [-Confirm] [<CommonParameters>]

DESCRIPTION

Creates or updates a data connection.

PARAMETERS

-DataConnectionName <String>

The name of the data connection.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-DatabaseName <String>

The name of the database in the Kusto pool.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-KustoPoolName <String>

The name of the Kusto pool.

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

-WorkspaceName <String>

The name of the workspace

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

-Kind <DataConnectionKind>

Kind of the endpoint for the data connection

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ConsumerGroup <String>

The event/iot hub consumer group.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Location <String>

Resource location.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-EventHubResourceId <String>

The resource ID of the event hub to be used to create a data connection / event grid is configured to send events.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-DataFormat <EventGridDataFormat>

The data format of the message.

Optionally the data format can be added to each message.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-EventSystemProperty <String[]>

System properties of the event/iot hub.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-MappingRuleName <String>

The mapping rule to be used to ingest the data.

Optionally the mapping information can be added to each message.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-TableName <String>

The table where the data should be ingested.

Optionally the table information can be added to each message.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Compression <Compression>

The event hub messages compression type.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-StorageAccountResourceId <String>

The resource ID of the storage account where the data resides.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-BlobStorageEventType <BlobStorageEventType>

The name of blob storage event type to process.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-IgnoreFirstRecord [<SwitchParameter>]

If set to true, indicates that ingestion should ignore the first record of every file.

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-IoTHubResourceId <String>

The resource ID of the IoT hub to be used to create a data connection.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SharedAccessPolicyName <String>

The name of the share access policy.

Required? true

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

Microsoft.Azure.PowerShell.Cmdlets.Synapse.Models.Api20210601Preview.IDataConnection

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.Synapse.Models.Api20210601Preview.IDataConnection

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

```
PS C:\>New-AzSynapseKustoPoolDataConnection -ResourceGroupName testrg -WorkspaceName testws
-KustoPoolName testkustopool -DatabaseName testdatabase -Name eventhubdc
-Location eastus2 -Kind EventHub -EventHubResourceId

"/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/testrg/providers/Microsoft.EventHub/namespaces/testeventhubns/eventhubs/testeventhub" -DataFormat

"JSON" -ConsumerGroup '$Default' -Compression "None" -TableName "Events" -MappingRuleName "EventsMapping"
```

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

```
PS C:\>New-AzSynapseKustoPoolDataConnection -ResourceGroupName testrg -WorkspaceName testws
-KustoPoolName testkustopool -DatabaseName testdatabase -Name eventgridc
-Location eastus2 -Kind EventGrid -EventHubResourceId

"/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/testrg/providers/Microsoft.EventHub/namespaces/testeventhubns/eventhubs/testeventhub"
```

```
"/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/testrg/providers/Microsoft.Storage/storageAccounts/teststorage"
```

```
-DataFormat "JSON" -ConsumerGroup '$Default' -TableName "Events" -MappingRuleName "EventsMapping"
```

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

```
PS C:\>New-AzSynapseKustoPoolDataConnection -ResourceGroupName testrg -WorkspaceName testws  
-KustoPoolName testkustopool -DatabaseName testdatabase -Name iothubdc  
-Location eastus2 -Kind IoTHub -IoTHubResourceId
```

```
"/subscriptions/051ddeca-1ed6-4d8b-ba6f-1ff561e5f3b3/resourceGroups/ywtest/providers/Microsoft.Devices/IoTHubs/ywtestiothub" -SharedAccessPolicyName registryRead  
-DataFormat "JSON" -ConsumerGroup '$Default' -TableName "Events" -MappingRuleName "EventsMapping"
```

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.synapse/new-azsynapsekustopooldataconnection>