



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

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

NAME

New-AzServiceBusSubscription

SYNOPSIS

Create a topic subscription.

SYNTAX

```
New-AzServiceBusSubscription -Name <String> -NamespaceName <String> -ResourceGroupName <String>
[-SubscriptionId <String>] -TopicName <String> [-AutoDeleteOnIdle
<TimeSpan>] [-ClientId <String>] [-DeadLetteringOnFilterEvaluationException] [-DeadLetteringOnMessageExpiration]
[-DefaultMessageTimeToLive <TimeSpan>]
[-DuplicateDetectionHistoryTimeWindow <TimeSpan>] [-EnableBatchedOperations] [-ForwardDeadLetteredMessagesTo
<String>] [-ForwardTo <String>] [-IsClientAffine]
[-IsDurable] [-IsShared] [-LockDuration <TimeSpan>] [-MaxDeliveryCount <Int32>] [-RequiresSession] [-Status <String>]
[-DefaultProfile <PSObject>] [-Break]
[-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-Proxy <Uri>] [-ProxyCredential
<PSCredential>] [-ProxyUseDefaultCredentials]
[-WhatIf] [-Confirm] [<CommonParameters>]
```

New-AzServiceBusSubscription -Name <String> -TopicName <String> -NamespaceInputObject <IServiceBusIdentity>
[-AutoDeleteOnIdle <TimeSpan>] [-ClientId <String>]
[-DeadLetteringOnFilterEvaluationException] [-DeadLetteringOnMessageExpiration] [-DefaultMessageTimeToLive
<TimeSpan>] [-DuplicateDetectionHistoryTimeWindow
<TimeSpan>] [-EnableBatchedOperations] [-ForwardDeadLetteredMessagesTo <String>] [-ForwardTo <String>]
[-IsClientAffine] [-IsDurable] [-IsShared] [-LockDuration
<TimeSpan>] [-MaxDeliveryCount <Int32>] [-RequiresSession] [-Status <String>] [-DefaultProfile <PSObject>] [-Break]
[-HttpPipelineAppend <SendAsyncStep[]>]
[-HttpPipelinePrepend <SendAsyncStep[]>] [-Proxy <Uri>] [-ProxyCredential <PSCredential>]
[-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]

New-AzServiceBusSubscription -Name <String> -TopicName <String> -NamespaceInputObject <IServiceBusIdentity>
-Parameter <ISbSubscription> [-DefaultProfile <PSObject>]
[-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-Proxy <Uri>]
[-ProxyCredential <PSCredential>]
[-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]

New-AzServiceBusSubscription -Name <String> -TopicInputObject <IServiceBusIdentity> [-AutoDeleteOnIdle
<TimeSpan>] [-ClientId <String>]
[-DeadLetteringOnFilterEvaluationException] [-DeadLetteringOnMessageExpiration] [-DefaultMessageTimeToLive
<TimeSpan>] [-DuplicateDetectionHistoryTimeWindow
<TimeSpan>] [-EnableBatchedOperations] [-ForwardDeadLetteredMessagesTo <String>] [-ForwardTo <String>]
[-IsClientAffine] [-IsDurable] [-IsShared] [-LockDuration
<TimeSpan>] [-MaxDeliveryCount <Int32>] [-RequiresSession] [-Status <String>] [-DefaultProfile <PSObject>] [-Break]
[-HttpPipelineAppend <SendAsyncStep[]>]
[-HttpPipelinePrepend <SendAsyncStep[]>] [-Proxy <Uri>] [-ProxyCredential <PSCredential>]
[-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]

New-AzServiceBusSubscription -Name <String> -TopicInputObject <IServiceBusIdentity> -Parameter <ISbSubscription>
[-DefaultProfile <PSObject>] [-Break]
[-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-Proxy <Uri>] [-ProxyCredential
<PSCredential>] [-ProxyUseDefaultCredentials]
[-WhatIf] [-Confirm] [<CommonParameters>]

DESCRIPTION

Create a topic subscription.

PARAMETERS

-Name <String>

The subscription name.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-NamespaceName <String>

The namespace name

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ResourceGroupName <String>

Name of the Resource group within the Azure 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>

The topic name.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-NamespaceInputObject <IServiceBusIdentity>

Identity Parameter

Required? true

Position? named

Default value

Accept pipeline input? true (ByValue)

Accept wildcard characters? false

-TopicInputObject <IServiceBusIdentity>

Identity Parameter

Required? true

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

-AutoDeleteOnIdle <TimeSpan>

Idle interval after which the queue is automatically deleted.
The minimum duration is 5 minutes.

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

-ClientId <String>

Indicates the Client ID of the application that created the client-affine subscription.

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

-DeadLetteringOnFilterEvaluationException [<SwitchParameter>]

Value that indicates whether a subscription has dead letter support on filter evaluation exceptions.

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

-DeadLetteringOnMessageExpiration [<SwitchParameter>]

Value that indicates whether a subscription has dead letter support when a message expires.

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-DefaultMessageTimeToLive <TimeSpan>

This is the duration after which the message expires, starting from when the message is sent to Service Bus.

This is the default value used when TimeToLive is not set on a message itself.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-DuplicateDetectionHistoryTimeWindow <TimeSpan>

Defines the duration of the duplicate detection history.

The default value is 10 minutes.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-EnableBatchedOperations [<SwitchParameter>]

Value that indicates whether server-side batched operations are enabled.

Required? false

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

-ForwardDeadLetteredMessagesTo <String>

Queue/Topic name to forward the Dead Letter message

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

-ForwardTo <String>

Queue/Topic name to forward the messages

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

-IsClientAffine [<SwitchParameter>]

Value that indicates whether the subscription has an affinity to the client id.

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

-IsDurable [<SwitchParameter>]

For client-affine subscriptions, this value indicates whether the subscription is durable or not.

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

-IsShared [<SwitchParameter>]

For client-affine subscriptions, this value indicates whether the subscription is shared or not.

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

-LockDuration <TimeSpan>

Timespan duration of a peek-lock; that is, the amount of time that the message is locked for other receivers.

The maximum value for LockDuration is 5 minutes; the default value is 1 minute.

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

-MaxDeliveryCount <Int32>

Number of maximum deliveries.

Required?	false
Position?	named
Default value	0

Accept pipeline input? false

Accept wildcard characters? false

-RequiresSession [<SwitchParameter>]

Value indicating if a subscription supports the concept of sessions.

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-Status <String>

Enumerates the possible values for the status of a messaging entity.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Parameter <ISbSubscription>

Description of subscription resource.

Required? true

Position? named

Default value

Accept pipeline input? true (ByValue)

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. *Page 9/15*

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

-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.ServiceBus.Models.ISbSubscription

Microsoft.Azure.PowerShell.Cmdlets.ServiceBus.Models.IServiceBusIdentity

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.ServiceBus.Models.ISbSubscription

NOTES

COMPLEX PARAMETER PROPERTIES

information on hash tables, run Get-Help

about_Hash_Tables.

NAMESPACEINPUTOBJECT <IServiceBusIdentity>: Identity Parameter

[Alias <String>]: The Disaster Recovery configuration name

[AuthorizationRuleName <String>]: The authorization rule name.

[ConfigName <String>]: The configuration name. Should always be "\$default".

[Id <String>]: Resource identity path

[NamespaceName <String>]: The namespace name

[PrivateEndpointConnectionName <String>]: The PrivateEndpointConnection name

[QueueName <String>]: The queue name.

[ResourceGroupName <String>]: Name of the Resource group within the Azure subscription.

[RuleName <String>]: The rule name.

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

[SubscriptionName <String>]: The subscription name.

[TopicName <String>]: The topic name.

PARAMETER <ISbSubscription>: Description of subscription resource.

[AutoDeleteOnIdle <TimeSpan?>]: ISO 8061 timeSpan idle interval after which the topic is automatically deleted. The minimum duration is 5 minutes.

[ClientId <String>]: Indicates the Client ID of the application that created the client-affine subscription.

[DeadLetteringOnFilterEvaluationException <Boolean?>]: Value that indicates whether a subscription has dead letter support on filter evaluation exceptions.

[DeadLetteringOnMessageExpiration <Boolean?>]: Value that indicates whether a subscription has dead letter support when a message expires.

[DefaultMessageTimeToLive <TimeSpan?>]: ISO 8061 Default message timespan to live value. This is the duration after which the message expires, starting from when the message is sent to Service Bus. This is the default value used when TimeToLive is not set on a message itself.

[DuplicateDetectionHistoryTimeWindow <TimeSpan?>]: ISO 8601 timeSpan structure that defines the duration of the duplicate detection history. The default value

is 10 minutes.

[EnableBatchedOperations <Boolean?>]: Value that indicates whether server-side batched operations are enabled.

[ForwardDeadLetteredMessagesTo <String>]: Queue/Topic name to forward the Dead Letter message

[ForwardTo <String>]: Queue/Topic name to forward the messages

[IsClientAffine <Boolean?>]: Value that indicates whether the subscription has an affinity to the client id.

[IsDurable <Boolean?>]: For client-affine subscriptions, this value indicates whether the subscription is durable or not.

[IsShared <Boolean?>]: For client-affine subscriptions, this value indicates whether the subscription is shared or not.

[LockDuration <TimeSpan?>]: ISO 8061 lock duration timespan for the subscription. The default value is 1 minute.

[MaxDeliveryCount <Int32?>]: Number of maximum deliveries.

[RequiresSession <Boolean?>]: Value indicating if a subscription supports the concept of sessions.

[Status <String>]: Enumerates the possible values for the status of a messaging entity.

TOPICINPUTOBJECT <IServiceBusIdentity>: Identity Parameter

[Alias <String>]: The Disaster Recovery configuration name

[AuthorizationRuleName <String>]: The authorization rule name.

[ConfigName <String>]: The configuration name. Should always be "\$default".

[Id <String>]: Resource identity path

[NamespaceName <String>]: The namespace name

[PrivateEndpointConnectionName <String>]: The PrivateEndpointConnection name

[QueueName <String>]: The queue name.

[ResourceGroupName <String>]: Name of the Resource group within the Azure subscription.

[RuleName <String>]: The rule name.

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

[SubscriptionName <String>]: The subscription name.

[TopicName <String>]: The topic name.

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

```
PS C:\>New-AzServiceBusSubscription -ResourceGroupName myResourceGroup -NamespaceName myNamespace
-TopicName myTopic -Name mySubscription -DefaultMessageTimeToLive
(New-TimeSpan -Days 6) -EnableBatchedOperations
```

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.servicebus/new-azservicebussubscription>

<https://msdn.microsoft.com/en-us/library/azure/mt639385.aspx>