



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

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

NAME

New-AzServiceBusTopic

SYNOPSIS

Create a topic in the specified namespace.

SYNTAX

```
New-AzServiceBusTopic -Name <String> -NamespaceName <String> -ResourceGroupName <String> [-SubscriptionId
<String>] [-AutoDeleteOnIdle <TimeSpan>]
                        [-DefaultMessageTimeToLive <TimeSpan>] [-DuplicateDetectionHistoryTimeWindow <TimeSpan>]
[-EnableBatchedOperations] [-EnableExpress] [-EnablePartitioning]
                        [-MaxMessageSizeInKilobytes <Int64>] [-MaxSizeInMegabytes <Int32>] [-RequiresDuplicateDetection] [-Status <String>]
[-SupportOrdering] [-DefaultProfile <PSObject>]
                        [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-Proxy <Uri>]
[-ProxyCredential <PSCredential>]
                        [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]
```

```
New-AzServiceBusTopic -Name <String> -NamespaceInputObject <IServiceBusIdentity> [-AutoDeleteOnIdle
<TimeSpan>] [-DefaultMessageTimeToLive <TimeSpan>]
```

[-DuplicateDetectionHistoryTimeWindow <TimeSpan>] [-EnableBatchedOperations] [-EnableExpress]
 [-EnablePartitioning] [-MaxMessageSizeInKilobytes <Int64>]
 [-MaxSizeInMegabytes <Int32>] [-RequiresDuplicateDetection] [-Status <String>] [-SupportOrdering] [-DefaultProfile
 <PSObject>] [-Break] [-HttpPipelineAppend
 <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-Proxy <Uri>] [-ProxyCredential <PSCredential>]
 [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm]
 [<CommonParameters>]

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

DESCRIPTION

Create a topic in the specified namespace.

PARAMETERS

-Name <String>

The topic 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

-NamespaceInputObject <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

-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

-EnableExpress [<SwitchParameter>]

Value that indicates whether Express Entities are enabled.

An express topic holds a message in memory temporarily before writing it to persistent storage.

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

-EnablePartitioning [<SwitchParameter>]

Value that indicates whether the topic to be partitioned across multiple message brokers is enabled.

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

-MaxMessageSizeInKilobytes <Int64>

Maximum size (in KB) of the message payload that can be accepted by the topic.

This property is only used in Premium today and default is 1024.

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

Accept wildcard characters? false

-MaxSizeInMegabytes <Int32>

Maximum size of the topic in megabytes, which is the size of the memory allocated for the topic.

Default is 1024.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-RequiresDuplicateDetection [<SwitchParameter>]

Value indicating if this topic requires duplicate detection.

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

-SupportOrdering [<SwitchParameter>]

Value that indicates whether the topic supports ordering.

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

-Parameter <ISbTopic>

Description of topic 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.

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.ISbTopic

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

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.ServiceBus.Models.ISbTopic

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.

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 <ISbTopic>: Description of topic resource.

[AutoDeleteOnIdle <TimeSpan?>]: ISO 8601 timespan idle interval after which the topic is automatically deleted. The minimum duration is 5 minutes.

[DefaultMessageTimeToLive <TimeSpan?>]: ISO 8601 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?>]: ISO8601 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.

[EnableExpress <Boolean?>]: Value that indicates whether Express Entities are enabled. An express topic holds a message in memory temporarily before writing it

to persistent storage.

[EnablePartitioning <Boolean?>]: Value that indicates whether the topic to be partitioned across multiple message brokers is enabled.

[MaxMessageSizeInKilobytes <Int64?>]: Maximum size (in KB) of the message payload that can be accepted by the topic. This property is only used in Premium today

and default is 1024.

[MaxSizeInMegabytes <Int32?>]: Maximum size of the topic in megabytes, which is the size of the memory allocated for the topic. Default is 1024.

[RequiresDuplicateDetection <Boolean?>]: Value indicating if this topic requires duplicate detection.

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

[SupportOrdering <Boolean?>]: Value that indicates whether the topic supports ordering.

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

```
PS C:\>New-AzServiceBusTopic -ResourceGroupName myResourceGroup -NamespaceName myNamespace -Name  
myTopic -DefaultMessageTimeToLive (New-TimeSpan -Days 18)
```

-EnableBatchedOperations

RELATED LINKS

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

<https://msdn.microsoft.com/en-us/library/azure/mt639409.aspx>