



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

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

NAME

New-AzServiceBusQueue

SYNOPSIS

Create a Service Bus queue.

This operation is idempotent.

SYNTAX

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

```

New-AzServiceBusQueue -Name <String> -NamespaceInputObject <IServiceBusIdentity> [-AutoDeleteOnIdle
<TimeSpan>] [-DeadLetteringOnMessageExpiration]
[-DefaultMessageTimeToLive <TimeSpan>] [-DuplicateDetectionHistoryTimeWindow <TimeSpan>]
[-EnableBatchedOperations] [-EnableExpress] [-EnablePartitioning]
[-ForwardDeadLetteredMessagesTo <String>] [-ForwardTo <String>] [-LockDuration <TimeSpan>] [-MaxDeliveryCount
<Int32>] [-MaxMessageSizeInKilobytes <Int64>]
[-MaxSizeInMegabytes <Int32>] [-RequiresDuplicateDetection] [-RequiresSession] [-Status <String>] [-DefaultProfile
<PSObject>] [-Break] [-HttpPipelineAppend
<SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-Proxy <Uri>] [-ProxyCredential <PSCredential>]
[-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm]
[<CommonParameters>]

```

```

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

```

DESCRIPTION

Create a Service Bus queue.

This operation is idempotent.

PARAMETERS

-Name <String>

The queue 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

-DeadLetteringOnMessageExpiration [<SwitchParameter>]

A value that indicates whether this queue 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

-EnableExpress [<SwitchParameter>]

A value that indicates whether Express Entities are enabled.

An express queue 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>]

A value that indicates whether the queue is to be partitioned across multiple message brokers.

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

-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>

The maximum delivery count.

A message is automatically deadlettered after this number of deliveries.

default value is 10.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-MaxMessageSizeInKilobytes <Int64>

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

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>

The maximum size of the queue in megabytes, which is the size of memory allocated for the queue.

Default is 1024.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-RequiresDuplicateDetection [<SwitchParameter>]

A value indicating if this queue requires duplicate detection.

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

-RequiresSession [<SwitchParameter>]

A value that indicates whether the queue 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 <ISbQueue>

Description of queue 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.ISbQueue

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

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.ServiceBus.Models.ISbQueue

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 <ISbQueue>: Description of queue Resource.

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

[DeadLetteringOnMessageExpiration <Boolean?>]: A value that indicates whether this queue has dead letter support when a message expires.

[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?>]: 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.

[EnableExpress <Boolean?>]: A value that indicates whether Express Entities are enabled. An express queue holds a message in memory temporarily before writing it to persistent storage.

[EnablePartitioning <Boolean?>]: A value that indicates whether the queue is to be partitioned across multiple message brokers.

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

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

[LockDuration <TimeSpan?>]: ISO 8601 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.

[MaxDeliveryCount <Int32?>]: The maximum delivery count. A message is automatically deadlettered after this number of deliveries. default value is 10.

[MaxMessageSizeInKilobytes <Int64?>]: Maximum size (in KB) of the message payload that can be accepted by the queue. This property is only used in Premium today and default is 1024.

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

[RequiresDuplicateDetection <Boolean?>]: A value indicating if this queue requires duplicate detection.

[RequiresSession <Boolean?>]: A value that indicates whether the queue supports the concept of sessions.

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

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

```
PS C:\>New-AzServiceBusQueue -ResourceGroupName myResourceGroup -NamespaceName myNamespace -Name
myQueue -AutoDeleteOnIdle (New-TimeSpan -Days 1 -Minutes 3 -Seconds
4) -DefaultMessageTimeToLive (New-TimeSpan -Days 5) -EnablePartitioning
```

RELATED LINKS

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

<https://msdn.microsoft.com/en-us/library/azure/mt639395.aspx>