



### ***Windows PowerShell Get-Help on Cmdlet 'New-AzWebPubSubHub'***

***PS:\>Get-HELP New-AzWebPubSubHub -Full***

#### **NAME**

New-AzWebPubSubHub

#### **SYNOPSIS**

Create or update a hub setting.

#### **SYNTAX**

```
New-AzWebPubSubHub -Name <String> -ResourceGroupName <String> -ResourceName <String> [-SubscriptionId  
<String>] [-AnonymousConnectPolicy <String>] [-EventHandler  
    <EventHandler[]>] [-EventListener <EventListener[]>] [-DefaultProfile <PSObject>] [-AsJob] [-Break]  
[-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend  
    <SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>] [-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf]  
[-Confirm] [<CommonParameters>]
```

#### **DESCRIPTION**

Create or update a hub setting.

## PARAMETERS

-Name <String>

The hub name.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ResourceGroupName <String>

The name of the resource group that contains the resource.

You can obtain this value from the Azure Resource Manager API or the portal.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ResourceName <String>

The name of the resource.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SubscriptionId <String>

Gets subscription Id which uniquely identify the 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

#### -AnonymousConnectPolicy <String>

The settings for configuring if anonymous connections are allowed for this hub: "allow" or "deny".  
Default to "deny".

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

#### -EventHandler <EventHandler[]>

Event handler of a hub.  
To construct, see NOTES section for EVENTHANDLER properties and create a hash table.

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

#### -EventListener <EventListener[]>

Event listener settings for forwarding your client events to listeners. Event listener is transparent to Web PubSub clients, and it doesn't return any result to clients nor interrupt the lifetime of clients. One event can be sent to multiple listeners, as long as it matches the filters in those listeners.

The order of the array elements doesn't matter. Maximum count of event listeners among all hubs is 10.

To construct, see NOTES section for EVENTLISTENER properties and create a hash table.

Required? false  
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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

#### INPUTS

#### OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.WebPubSub.Models.Api20220801Preview.IWebPubSubHub

#### 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`.

EVENTHANDLER <EventHandler[]>: Event handler of a hub.

UriTemplate <String>: Gets or sets the EventHandler URL template. You can use a predefined parameter {hub} and {event} inside the template, the value of the

EventHandler URL is dynamically calculated when the client request comes in. For example, UriTemplate can be ``http://example.com/api/{hub}/{event}``. The host part can't contains parameters.

[AuthType <UpstreamAuthType?>]: Upstream auth type enum.

[ManagedIdentityResource <String>]: The Resource indicating the App ID URI of the target resource. It also appears in the aud (audience) claim of the issued token.

[SystemEvent <String[]>]: Gets or sets the list of system events. Valid values contain: 'connect', 'connected', 'disconnected'.

[UserEventPattern <String>]: Gets or sets the matching pattern for event names. There are 3 kinds of patterns supported:

1. "\*", it matches any event name
2. Combine multiple events with ",", for example "event1,event2", it matches event "event1" and "event2"
3. A single event name, for example, "event1", it matches "event1"

EVENTLISTENER <IEventListener[]>: Event listener settings for forwarding your client events to listeners. Event listener is transparent to Web PubSub clients, and

it doesn't return any result to clients nor interrupt the lifetime of clients. One event can be sent to multiple listeners, as long as it matches the filters in

those listeners. The order of the array elements doesn't matter. Maximum count of event listeners among all hubs is 10.

Endpoint <IEventListenerEndpoint>: An endpoint specifying where Web PubSub should send events to.

Filter <IEventListenerFilter>: A base class for event filter which determines whether an event should be sent to an event listener.

#### ----- EXAMPLE 1 -----

```
PS C:\>$eventHandler = @{UrlTemplate = 'http://example.com/api/{hub}/connect/{event}' ; AuthType = 'None' ;  
SystemEvent = 'connect' ; } ,
```

```
@{ UrlTemplate = 'http://example.com/api/{hub}/userevent/{event}' ; AuthType = 'None' ; UserEventPattern = '*' }
```

```
New-AzWebPubSubHub -Name testHub -ResourceGroupName psdemo -ResourceName psdemo-wps -EventHandler  
$eventHandler
```



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

```
PS C:\>$eventListeners =
```

```
@{
```

```
    Endpoint = $(New-AzWebPubSubEventHubEndpointObject -EventHubName connectivityHub  
-FullyQualifiedNamespace example.servicebus.windows.net);
```

```
    Filter = $(New-AzWebPubSubEventNameFilterObject -SystemEvent connected, disconnected)
```

```
},
```

```
@{
```

```
    Endpoint = $(New-AzWebPubSubEventHubEndpointObject -EventHubName messageHub -FullyQualifiedNamespace  
example.servicebus.windows.net);
```

```
    Filter = $(New-AzWebPubSubEventNameFilterObject -UserEventPattern *)
```

```
}
```

```
$hub = New-AzWebPubSubHub -Name hub2 -ResourceGroupName rg -ResourceName psdemo -EventListener  
$eventListeners
```

## RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.signalr/new-azwebpubsubhub>