



Windows PowerShell Get-Help on Cmdlet 'Unregister-Event'

PS:\>Get-HELP Unregister-Event -Full

NAME

Unregister-Event

SYNOPSIS

Cancels an event subscription.

SYNTAX

Unregister-Event [-SourceIdentifier] <System.String> [-Force] [-Confirm] [-WhatIf] [<CommonParameters>]

Unregister-Event [-SubscriptionId] <System.Int32> [-Force] [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The `Unregister-Event` cmdlet cancels an event subscription that was created by using the `Register-EngineEvent`, `Register-ObjectEvent`, or `Register-WmiEvent` cmdlet.

When an event subscription is canceled, the event subscriber is deleted from the session and the subscribed events are no longer added to the event queue. When you

cancel a subscription to an event created by using the `New-Event` cmdlet, the new event is also deleted from the session.

`Unregister-Event` does not delete events from the event queue. To delete events, use the `Remove-Event` cmdlet.

PARAMETERS

-Force <System.Management.Automation.SwitchParameter>

Cancels all event subscriptions, including subscriptions that were hidden by using the SupportEvent parameter of `Register-ObjectEvent`, `Register-WmiEvent`, and `Register-EngineEvent`.

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

-SourceIdentifier <System.String>

Specifies a source identifier that this cmdlet cancels event subscriptions.

A SourceIdentifier or SubscriptionId parameter must be included in every command.

Required?	true
Position?	0
Default value	None
Accept pipeline input?	True (ByPropertyName)
Accept wildcard characters?	false

-SubscriptionId <System.Int32>

Specifies a source identifier ID that this cmdlet cancels event subscriptions.

A SourceIdentifier or SubscriptionId parameter must be included in every command.

Required? true
Position? 0
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

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

-WhatIf <System.Management.Automation.SwitchParameter>

Shows what would happen if the cmdlet runs. The cmdlet is not run.

Required? false
Position? named
Default value False
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

You can pipe the output from ``Get-EventSubscriber`` to this cmdlet.

OUTPUTS

None

This cmdlet returns no output.

NOTES

Events, event subscriptions, and the event queue exist only in the current session. If you close the current session, the event queue is discarded and the event subscription is canceled.

``Unregister-Event`` cannot delete events created by using the ``New-Event`` cmdlet unless you have subscribed to the event by using the ``Register-EngineEvent`` cmdlet. To delete a custom event from the session, you must remove it programmatically or close the session.

- Example 1: Cancel an event subscription by source identifier -

```
PS C:\> Unregister-Event -SourceIdentifier "ProcessStarted"
```

This command cancels the event subscription that has a source identifier of `ProcessStarted`.

To find the source identifier of an event, use the ``Get-Event`` cmdlet. To find the source identifier of an event subscription, use the ``Get-EventSubscriber`` cmdlet.

Example 2: Cancel an event subscription by subscription identifier

```
PS C:\> Unregister-Event -SubscriptionId 2
```

This command cancels the event subscription that has a subscription identifier of 2.

To find the subscription identifier of an event subscription, use the ``Get-EventSubscriber`` cmdlet.

----- Example 3: Cancel all event subscriptions -----

```
PS C:\> Get-EventSubscriber -Force | Unregister-Event -Force
```

This command cancels all event subscriptions in the session.

The command uses the ``Get-EventSubscriber`` cmdlet to get all event subscriber objects in the session, including the subscribers that are hidden by using the

`SupportEvent` parameter of the event registration cmdlets.

It uses a pipeline operator (``|``) to send the subscriber objects to ``Unregister-Event``, which deletes them from the session. To complete the task, the `Force` parameter is also required on ``Unregister-Event``.

RELATED LINKS

Online

Version:

https://learn.microsoft.com/powershell/module/microsoft.powershell.utility/unregister-event?view=powershell-5.1&WT.mc_id=ps-gethelp

Get-Event

Get-EventSubscriber

New-Event

Register-EngineEvent

Register-ObjectEvent

Remove-Event

Unregister-Event

Wait-Event