



## ***Windows PowerShell Get-Help on Cmdlet 'Get-AzSynapseActivityRun'***

***PS: \> Get-HELP Get-AzSynapseActivityRun -Full***

### **NAME**

Get-AzSynapseActivityRun

### **SYNOPSIS**

Gets information about activity runs for a pipeline run.

### **SYNTAX**

```

Get-AzSynapseActivityRun [-ActivityName <System.String>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
-PipelineName <System.String> -PipelineRunId <System.String> -RunStartedAfter <System.DateTimeOffset>
-RunStartedBefore <System.DateTimeOffset> [-Status
<System.String>] -WorkspaceName <System.String> [<CommonParameters>]

```

```

Get-AzSynapseActivityRun [-ActivityName <System.String>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
-PipelineName <System.String> -PipelineRunId <System.String> -RunStartedAfter <System.DateTimeOffset>
-RunStartedBefore <System.DateTimeOffset> [-Status
<System.String>] -WorkspaceObject <Microsoft.Azure.Commands.Synapse.Models.PSSynapseWorkspace>
[<CommonParameters>]

```

## DESCRIPTION

The `Get-AzSynapseActivityRun` cmdlet gets information about runs in workspace for the specified pipeline run that happened in the given timeframe. Additionally, you can specify filters for activity name and the status of the run.

## PARAMETERS

`-ActivityName <System.String>`

The name of the activity.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

`-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>`

The credentials, account, tenant, and subscription used for communication with Azure.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

`-PipelineName <System.String>`

The pipeline name.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-PipelineRunId <System.String>

The pipeline run identifier.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-RunStartedAfter <System.DateTimeOffset>

The time at or after which the run event was updated in 'ISO 8601' format.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-RunStartedBefore <System.DateTimeOffset>

The time at or before which the run event was updated in 'ISO 8601' format.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Status <System.String>

The status of the pipeline run.

Required? false  
Position? named  
Default value None  
Accept pipeline input? False  
Accept wildcard characters? false

**-WorkspaceName <System.String>**  
Name of Synapse workspace.

Required? true  
Position? named  
Default value None  
Accept pipeline input? False  
Accept wildcard characters? false

**-WorkspaceObject <Microsoft.Azure.Commands.Synapse.Models.PSSynapseWorkspace>**  
workspace input object, usually passed through the pipeline.

Required? true  
Position? named  
Default value None  
Accept pipeline input? True (ByValue)  
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

Microsoft.Azure.Commands.Synapse.Models.PSSynapseWorkspace

## OUTPUTS

Microsoft.Azure.Commands.Synapse.Models.PSActivityRunsQueryResponse

## NOTES

----- Example 1 -----

```
Get-AzSynapseActivityRun -WorkspaceName ContosoWorkspace -PipelineName ContosoPipeline -PipelineRunId
"f288712d-fb08-4cb8-96ef-82d3b9b30621" -RunStartedAfter
[DateTimeOffset]"2018-09-01T21:00" -RunStartedBefore [DateTimeOffset]"2018-09-30T21:00"
```

This command gets details about all activity runs in the pipeline called ContosoPipeline run with ID "f288712d-fb08-4cb8-96ef-82d3b9b30621" that happened between "2018-09-01T21:00" and "2018-09-30T21:00".

----- Example 2 -----

```
$ws = Get-AzSynapseWorkspace -Name ContosoWorkspace

$ws | Get-AzSynapseActivityRun -PipelineName ContosoPipeline -PipelineRunId
"f288712d-fb08-4cb8-96ef-82d3b9b30621" -RunStartedAfter [DateTimeOffset]"2018-09-01T21:00"
-RunStartedBefore [DateTimeOffset]"2018-09-30T21:00"
```

This command gets details about all activity runs in the pipeline called ContosoPipeline run with ID "f288712d-fb08-4cb8-96ef-82d3b9b30621" that happened between "2018-09-01T21:00" and "2018-09-30T21:00" through pipeline.

## RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.synapse/get-azsynapseactivityrun>