



Windows PowerShell Get-Help on Cmdlet 'Start-AzSynapseDataFlowDebugSession'

PS:\>Get-HELP Start-AzSynapseDataFlowDebugSession -Full

NAME

Start-AzSynapseDataFlowDebugSession

SYNOPSIS

Starts a Synapse Analytics data flow debug session in Synapse Workspace.

SYNTAX

```

Start-AzSynapseDataFlowDebugSession [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-IntegrationRuntimeFile <System.String>] -WorkspaceName <System.String> [-Confirm] [-WhatIf]
[<CommonParameters>]

```

```

Start-AzSynapseDataFlowDebugSession [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-IntegrationRuntimeFile <System.String>] -WorkspaceObject
<Microsoft.Azure.Commands.Synapse.Models.PSSynapseWorkspace> [-Confirm] [-WhatIf] [<CommonParameters>]

```

This long running command starts a data flow debug session for the upcoming debug commands. This command can attach with an integration runtime definition to

configure the size/type of debug session cluster. The PowerShell command sequence for data flow debug workflow should be:

1. Start-AzSynapseDataFlowDebugSession
2. Add-AzSynapseDataFlowDebugSessionPackage
3. Invoke-AzSynapseDataFlowDebugSessionCommand (repeat this step for different commands/targets, or repeat step 2-3 in order to change the package file)
4. Stop-AzSynapseDataFlowDebugSession

PARAMETERS

-AsJob <System.Management.Automation.SwitchParameter>

Run cmdlet in the background

Required? false

Position? named

Default value False

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

-IntegrationRuntimeFile <System.String>

The JSON file path.

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

-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>).

INPUTS

Microsoft.Azure.Commands.Synapse.Models.PSSynapseWorkspace

OUTPUTS

Microsoft.Azure.Commands.Synapse.Models.PSCreateDataFlowDebugSessionResponse

NOTES

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

This command starts an Azure Synapse Analytics data flow debug session.

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

```
$ws = Get-AzSynapseWorkspace -Workspacename ContosoWorkspace -ResourceGroupName GroupName
```

```
$result = $ws | Start-AzSynapseDataFlowDebugSession
```

```
$result
```

```
SessionId
```

```
-----
```

```
b75f917c-1a5e-432e-a1b9-ec6aabb1f546
```

This command starts an Azure Synapse Analytics data flow debug session through pipeline.

RELATED LINKS

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