



Windows PowerShell Get-Help on Cmdlet 'Set-AzSynapseSqlActiveDirectoryAdministrator'

PS:\>Get-HELP Set-AzSynapseSqlActiveDirectoryAdministrator -Full

NAME

Set-AzSynapseSqlActiveDirectoryAdministrator

SYNOPSIS

Provisions a Microsoft Entra administrator for Synapse Analytics SQL pool.

SYNTAX

```

Set-AzSynapseSqlActiveDirectoryAdministrator [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
-DisplayName <System.String> [-ResourceGroupName <System.String>] -WorkspaceName <System.String> [-Confirm]
[-WhatIf] [<CommonParameters>]

```

```

Set-AzSynapseSqlActiveDirectoryAdministrator [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
-DisplayName <System.String> -InputObject <Microsoft.Azure.Commands.Synapse.Models.PSSynapseWorkspace>
[-Confirm] [-WhatIf] [<CommonParameters>]

```

```

Set-AzSynapseSqlActiveDirectoryAdministrator [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]

```

-DisplayName <System.String> -ResourceId <System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

Set-AzSynapseSqlActiveDirectoryAdministrator [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]

-InputObject <Microsoft.Azure.Commands.Synapse.Models.PSSynapseWorkspace> -ObjectId <System.Guid> [-Confirm]
[-WhatIf] [<CommonParameters>]

Set-AzSynapseSqlActiveDirectoryAdministrator [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]

-ObjectId <System.Guid> [-ResourceGroupName <System.String>] -WorkspaceName <System.String> [-Confirm]
[-WhatIf] [<CommonParameters>]

Set-AzSynapseSqlActiveDirectoryAdministrator [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]

-ObjectId <System.Guid> -ResourceId <System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The Set-AzSynapseSqlActiveDirectoryAdministrator cmdlet provisions a Microsoft Entra administrator for Azure Synapse Analytics Workspace in the current subscription.

You can provision only one administrator at a time. The following members of Microsoft Entra ID can be provisioned as a Synapse Analytics Workspace administrator: -

Native members of Microsoft Entra ID

- Federated members of Microsoft Entra ID

- Imported members from other Azure ADs who are native or federated members

- Microsoft Entra groups created as security groups

Microsoft accounts, such as those in the Outlook.com, Hotmail.com, or Live.com domains, are not supported as administrators. Other guest accounts, such as those in

the Gmail.com or Yahoo.com domains, are not supported as administrators. We recommend that you provision a

dedicated Microsoft Entra group as an administrator.

The cmdlet may call below Microsoft Graph API according to input parameters:

* GET /users/{id}

* GET /servicePrincipals/{id}

* GET /groups/{id}

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

-DisplayName <System.String>

Specifies the display name of the user or group for whom to grant permissions. This display name must exist in the active directory associated with the current

subscription.

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

-InputObject <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

-ObjectId <System.Guid>

Specifies the object ID of the user or group in Microsoft Entra ID for which to grant permissions.

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

-ResourceGroupName <System.String>

Resource group name.

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

Accept wildcard characters? false

-ResourceId <System.String>

Resource identifier of Synapse workspace.

Required? true

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

-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

Microsoft.Azure.Commands.Synapse.Models.PSSynapseWorkspace

OUTPUTS

Microsoft.Azure.Commands.Synapse.Models.PSWorkspaceAadAdminInfo

NOTES

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

```
Set-AzSynapseSqlActiveDirectoryAdministrator -WorkspaceName ContosoWorkspace -DisplayName "DBAs"
```

This command provisions a Microsoft Entra administrator group named DBAs for the workspace named ContosoWorkspace.

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

```
Set-AzSynapseSqlActiveDirectoryAdministrator -WorkspaceName ContosoWorkspace -ObjectId  
"40b79501-b343-44ed-9ce7-da4c8cc7353b"
```

This command provisions a Microsoft Entra administrator by objectId for the workspace named ContosoWorkspace.

RELATED LINKS

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