Windows PowerShell Get-Help on Cmdlet 'Add-RoleMember'

PS:\>Get-HELP Add-RoleMember -Full

NAME

   Add-RoleMember

SYNOPSIS

   Adds a member to a specific Role of a specific database.

SYNTAX

    Add-RoleMember [-MemberName] <String> [-Database] <String> [-RoleName] <String> [-ApplicationId <String>] [-CertificateThumbprint <String>] [-Credential

    <PSCredential>] [-ProgressAction <ActionPreference>] [-Server <String>] [-ServicePrincipal] [-TenantId <String>] [-Confirm] [-WhatIf] [<CommonParameters>]

    Add-RoleMember [-MemberName] <String> [-ApplicationId <String>] [-CertificateThumbprint <String>] [-Credential <PSCredential>] -DatabaseRole <Role> [-ProgressAction

           <ActionPreference>] [-Server <String>] [-ServicePrincipal] [-TenantId <String>] [-Confirm] [-WhatIf] [<CommonParameters>]

    Add-RoleMember [-MemberName] <String> [-ApplicationId <String>] [-CertificateThumbprint <String>] [-Credential <PSCredential>] -ModelRole <ModelRole> [-ProgressAction

<ActionPreference>] [-Server <String>] [-ServicePrincipal] [-TenantId <String>] [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The Add-RoleMember cmdlet adds a valid member to a specific Role of a specific database depending upon the input values.

> `Module requirements: version 21+ on PowerShell 5.1; version 21 (recent preview) or version 22+ on PowerShell 7.x.`

PARAMETERS

-ApplicationId <String>

The application Id for the service principal.

Required?   false

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-CertificateThumbprint <String>

The certificate thumbprint for the service principal.

Required?   false

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-Credential <PSCredential>

If this parameter is specified, the user name and password passed will be used to connect to specified Analysis Server instance. If no credentials are specified

default windows account of the user who is running the tool will be used.

    Required?   false

    Position?   named

    Default value   None

    Accept pipeline input?   False

    Accept wildcard characters? false

-Database <String>

    Database name to which the Role belongs to.

    Required?   true

    Position?   1

    Default value   None

    Accept pipeline input?   False

    Accept wildcard characters? false

-DatabaseRole <Role>

    The Microsoft.AnalysisServices.Role to add a member to. This not applicable to tabular databases with compatibility level 1200 or higher.

    Required?   true

    Position?   named

    Default value   None

    Accept pipeline input?   True (ByValue)

    Accept wildcard characters? false

-MemberName <String>

    Name of the member who should be added to the role.

    Required?   true

    Position?   0

    Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-ModelRole <ModelRole>

The model role to add the member to.

Required?   true

Position?   named

Default value   None

Accept pipeline input?   True (ByValue)

Accept wildcard characters? false

-ProgressAction <ActionPreference>

Determines how PowerShell responds to progress updates generated by a script, cmdlet, or provider, such as the progress bars generated by the Write-Progress

cmdlet. The Write-Progress cmdlet creates progress bars that show a command's status.

Required?   false

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-RoleName <String>

Name of the Role to which the member should be added.

Required?   true

Position?   2

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-Server <String>

Optionally specifies the server instance to connect to if not currently in the SQLAS Provider directory.

Required?   false

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-ServicePrincipal [<SwitchParameter>]

Specifies that this connection is using service principal.

Required?   false

Position?   named

Default value   False

Accept pipeline input?   False

Accept wildcard characters? false

-TenantId <String>

The tenant Id for the service principal.

Required?   false

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-Confirm [<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 [<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.AnalysisServices.Role

Microsoft.AnalysisServices.Tabular.ModelRole

OUTPUTS

System.Object

None

NOTES

Supported on all Analysis Services instances Currently unsupported by the PowerBI Premium Product. It will be supported in the future.

--------- Example 1: Add member to role using pipeline ---------

```
PS SQLServer:\SQLAS\machine\instance\Databases\DB1\Roles\> $roles = Get-Children
    PS SQLServer:\SQLAS\machine\instance\Databases\DB1\Roles\> $roles[0] | Add-RoleMember -MemberName "memberName"
```

This command adds a member to the first role of a given database.

- Example 2: Add member to role using pipeline in Tabular 1200 -

```
PS SQLServer:\SQLAS\machine\instance\Databases\DB1\Roles\> $roles = Get-Children
    PS SQLServer:\SQLAS\machine\instance\Databases\DB1\Roles\> Add-RoleMember -MemberName "memberName" -ModelRole $roles[0]
```

Add a member to the first role of a given database using named parameters for a tabular database with compatibility level 1200 or higher.

----------- Example 3: Add member to role using name -----------

```
PS C:\> Add-RoleMember -MemberName "foo\user1" -Database "DB1" -RoleName "myRole"
```

Add a member to the database role using the role's name

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/sqlserver/add-rolemember