



Windows PowerShell Get-Help on Cmdlet 'New-AzCosmosDBSqlRoleDefinition'

PS:\>Get-HELP New-AzCosmosDBSqlRoleDefinition -Full

NAME

New-AzCosmosDBSqlRoleDefinition

SYNOPSIS

Creates a new CosmosDB Sql Role Definition.

SYNTAX

```
New-AzCosmosDBSqlRoleDefinition -AccountName <System.String> -AssignableScope
<System.Collections.Generic.List`1[System.String]> -DataAction
<System.Collections.Generic.List`1[System.String]> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Id
<System.String>] -ResourceGroupName <System.String> -RoleName <System.String> [-Type <System.String>]
[-Confirm] [-WhatIf] [<CommonParameters>]
```

```
New-AzCosmosDBSqlRoleDefinition -AccountName <System.String> -AssignableScope
<System.Collections.Generic.List`1[System.String]> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Id <System.String>]
-Permission
<System.Collections.Generic.List`1[Microsoft.Azure.Commands.CosmosDB.Models.PSPPermission]>
```

-ResourceGroupName <System.String> -RoleName <System.String> [-Type
<System.String>] [-Confirm] [-WhatIf] [<CommonParameters>]

New-AzCosmosDBSqlRoleDefinition -AssignableScope <System.Collections.Generic.List`1[System.String]> -DataAction
<System.Collections.Generic.List`1[System.String]>
[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Id
<System.String>] -ParentObject
<Microsoft.Azure.Commands.CosmosDB.Models.PSDatabaseAccountGetResults> -RoleName <System.String> [-Type
<System.String>] [-Confirm] [-WhatIf] [<CommonParameters>]

New-AzCosmosDBSqlRoleDefinition -AssignableScope <System.Collections.Generic.List`1[System.String]>
[-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Id <System.String>]
-ParentObject
<Microsoft.Azure.Commands.CosmosDB.Models.PSDatabaseAccountGetResults> -Permission
<System.Collections.Generic.List`1[Microsoft.Azure.Commands.CosmosDB.Models.PSPPermission]> -RoleName
<System.String> [-Type <System.String>] [-Confirm] [-WhatIf
[<CommonParameters>]

DESCRIPTION

Creates a new CosmosDB Sql Role Definition. Assignable Scopes can be either fully qualified (ie.

/subscriptions/subId/resourceGroups/resourceGroupName/providers/Microsoft.DocumentDB/databaseAccounts/accountName/dbs/dbName) or start with the database name (ie.

/dbs/dbName). In order to specify the Role Definition's Permissions, either use the DataAction parameter and pass in a list of strings that will be turned into a

single Permission object, or use the New-AzCosmosDBPermission cmdlet to create PSPPermission objects to pass in through the Permission parameter.

PARAMETERS

-AccountName <System.String>

Name of the Cosmos DB database account.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-AssignableScope <System.Collections.Generic.List`1[System.String]>

Set of resource paths below which a Role Assignment can be attached to the Role Definition. Eg. '/',
'/dbs/dbname', '/dbs/dbname/colls/collname'.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DataAction <System.Collections.Generic.List`1[System.String]>

Set of data actions granted through the Role Definition. List of allowed actions can be found at:
<https://aka.ms/cosmos-native-rbac>

Required? true

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

-Id <System.String>

Role Assignment Id.

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

-ParentObject <Microsoft.Azure.Commands.CosmosDB.Models.PSDatabaseAccountGetResults>

Role definition object.

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

-Permission <System.Collections.Generic.List`1[Microsoft.Azure.Commands.CosmosDB.Models.PSPermission]>

Permission is a collection of data actions.

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

-ResourceGroupName <System.String>

Name of resource group.

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

-RoleName <System.String>

Role Definition Name.

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

-Type <System.String>

Type of Role Definition, either CustomRole or BuiltInRole. Default value is CustomRole.

Required? false
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>).

INPUTS

Microsoft.Azure.Commands.CosmosDB.Models.PSSqlRoleDefinitionGetResults

OUTPUTS

Microsoft.Azure.Commands.CosmosDB.Models.PSSqlRoleDefinitionGetResults

NOTES

----- Example 1: Using DataAction -----

New-AzCosmosDBSqlRoleDefinition `

-AccountName accountName `

-ResourceGroupName resourceGroupName `

-Type CustomRole `

-RoleName roleName `

-DataAction "Microsoft.DocumentDB/databaseAccounts/sqlDatabases/containers/items/create" `

-AssignableScope "/"

RoleName : roleName

Id

:

/subscriptions/subId/resourceGroups/resourceGroupName/providers/Microsoft.DocumentDB/databaseAccounts/accountName/sqlRoleDefinitions/id

Type : CustomRole

Permissions : {Microsoft.Azure.Management.CosmosDB.Models.Permission}

AssignableScopes

:

{/subscriptions/subId/resourceGroups/resourceGroupName/providers/Microsoft.DocumentDB/databaseAccounts/accountName}

----- Example 2: Using Permission and ParentObject -----

\$DatabaseAccount = Get-AzCosmosDBAccount -Name accountName -ResourceGroupName resourceGroupName

\$Permission

=

New-AzCosmosDBPermission

-DataAction

"Microsoft.DocumentDB/databaseAccounts/sqlDatabases/containers/items/create"

New-AzCosmosDBSqlRoleDefinition `

-Type CustomRole `

-RoleName roleName `

-Permission \$Permission `

-AssignableScope "/" `

-ParentObject \$DatabaseAccount

RoleName : roleName

Id :

/subscriptions/subId/resourceGroups/resourceGroupName/providers/Microsoft.DocumentDB/databaseAccounts/accountName/sqlRoleDefinitions/id

Type : CustomRole

Permissions : {Microsoft.Azure.Management.CosmosDB.Models.Permission}

AssignableScopes :

{/subscriptions/subId/resourceGroups/resourceGroupName/providers/Microsoft.DocumentDB/databaseAccounts/accountName}

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.cosmosdb/new-azcosmosdbsqlroledefinition>