



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

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

NAME

New-AzCosmosDBSqlContainer

SYNOPSIS

Creates a new CosmosDB Sql Container.

SYNTAX

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New-AzCosmosDBSqlContainer -AccountName <System.String> [-AnalyticalStorageTtl
<System.Nullable`1[System.Int32]>] [-AutoscaleMaxThroughput
<System.Nullable`1[System.Int32]>] [-ClientEncryptionPolicy
<Microsoft.Azure.Commands.CosmosDB.Models.PSSqlClientEncryptionPolicy>] [-ConflictResolutionPolicy
<Microsoft.Azure.Commands.CosmosDB.Models.PSSqlConflictResolutionPolicy>] [-ConflictResolutionPolicyMode
<System.String>] [-ConflictResolutionPolicyPath
<System.String>] [-ConflictResolutionPolicyProcedure <System.String>] -DatabaseName <System.String>
[-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-IndexingPolicy
<Microsoft.Azure.Commands.CosmosDB.Models.PSSqlIndexingPolicy>] -Name <System.String> -PartitionKeyKind
<System.String> -PartitionKeyPath <System.String[]>
[-PartitionKeyVersion <System.Nullable`1[System.Int32]>] -ResourceGroupName <System.String> [-Throughput

```

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<System.Nullable`1[System.Int32]>] [-TtlInSeconds
                                <System.Nullable`1[System.Int32]>] [-UniqueKeyPolicy
<Microsoft.Azure.Commands.CosmosDB.Models.PSSqlUniqueKeyPolicy>] [-Confirm] [-WhatIf] [<CommonParameters>]

New-AzCosmosDBSqlContainer [-AnalyticalStorageTtl <System.Nullable`1[System.Int32]>] [-AutoscaleMaxThroughput
<System.Nullable`1[System.Int32]>]
                                [-ClientEncryptionPolicy <Microsoft.Azure.Commands.CosmosDB.Models.PSSqlClientEncryptionPolicy>]
[-ConflictResolutionPolicy
                                <Microsoft.Azure.Commands.CosmosDB.Models.PSSqlConflictResolutionPolicy>] [-ConflictResolutionPolicyMode
<System.String>] [-ConflictResolutionPolicyPath
                                <System.String>] [-ConflictResolutionPolicyProcedure <System.String>] [-DefaultProfile
                                <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-IndexingPolicy
                                <Microsoft.Azure.Commands.CosmosDB.Models.PSSqlIndexingPolicy>] -Name <System.String> -ParentObject
<Microsoft.Azure.Commands.CosmosDB.Models.PSSqlDatabaseGetResults>
                                -PartitionKeyKind <System.String> -PartitionKeyPath <System.String[]> [-PartitionKeyVersion
<System.Nullable`1[System.Int32]>] [-Throughput
                                <System.Nullable`1[System.Int32]>] [-TtlInSeconds <System.Nullable`1[System.Int32]>] [-UniqueKeyPolicy
                                <Microsoft.Azure.Commands.CosmosDB.Models.PSSqlUniqueKeyPolicy>] [-Confirm] [-WhatIf] [<CommonParameters>]

```

DESCRIPTION

Creates a new CosmosDB Sql Container.

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

-AnalyticalStorageTtl <System.Nullable`1[System.Int32]>

TTL for Analytical Storage (in Seconds).

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-AutoscaleMaxThroughput <System.Nullable`1[System.Int32]>

Maximum Throughput value if autoscale is enabled.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ClientEncryptionPolicy <Microsoft.Azure.Commands.CosmosDB.Models.PSSqlClientEncryptionPolicy>

ClientEncryptionPolicy Object of type PSSqlClientEncryptionPolicy, when provided this is set as the ClientEncryptionPolicy of the container.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-ConflictResolutionPolicy <Microsoft.Azure.Commands.CosmosDB.Models.PSSqlConflictResolutionPolicy>

ConflictResolutionPolicy Object of type PSSqlConflictResolutionPolicy, when provided this is set as the ConflictResolutionPolicy of the container.

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

-ConflictResolutionPolicyMode <System.String>

Can have the values: LastWriterWins, Custom, Manual. If provided along with ConflictResolutionPolicy parameter, it is ignored.

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

-ConflictResolutionPolicyPath <System.String>

To be provided when the type is LastWriterWins. If provided along with ConflictResolutionPolicy parameter, it is ignored.

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

-ConflictResolutionPolicyProcedure <System.String>

To be provided when the type is custom. If provided along with ConflictResolutionPolicy parameter, it is ignored.

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

Accept wildcard characters? false

-DatabaseName <System.String>

Database name.

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

-IndexingPolicy <Microsoft.Azure.Commands.CosmosDB.Models.PSSqlIndexingPolicy>

Indexing Policy Object of type Microsoft.Azure.Commands.CosmosDB.PSSqlIndexingPolicy.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-Name <System.String>

Container name.

Required? true

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

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

Sql Database object.

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

-PartitionKeyKind <System.String>

The kind of algorithm used for partitioning. Possible values include: 'Hash', 'Range'

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

-PartitionKeyPath <System.String[]>

Partition Key Path, e.g., '/address/zipcode'.

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

-PartitionKeyVersion <System.Nullable`1[System.Int32]>

The version of the partition key definition

Required?	false
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

-Throughput <System.Nullable`1[System.Int32]>

The throughput of SQL container (RU/s). Default value is 400.

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

-TtlInSeconds <System.Nullable`1[System.Int32]>

Default Ttl in seconds. If the value is missing or set to - 1, items don't expire. If the value is set to n, items will expire n seconds after last modified time.

Required?	false
Position?	named
Default value	None

Accept pipeline input? False

Accept wildcard characters? false

-UniqueKeyPolicy <Microsoft.Azure.Commands.CosmosDB.Models.PSSqlUniqueKeyPolicy>

UniqueKeyPolicy Object of type Microsoft.Azure.Commands.CosmosDB.PSSqlUniqueKeyPolicy.

Required? false

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.CosmosDB.Models.PSSqlIndexingPolicy

Microsoft.Azure.Commands.CosmosDB.Models.PSSqlUniqueKeyPolicy

Microsoft.Azure.Commands.CosmosDB.Models.PSSqlConflictResolutionPolicy

Microsoft.Azure.Commands.CosmosDB.Models.PSSqlDatabaseGetResults

OUTPUTS

Microsoft.Azure.Commands.CosmosDB.Models.PSSqlDatabaseGetResults

Microsoft.Azure.Commands.CosmosDB.Exceptions.ConflictingResourceException

NOTES

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

-ResourceGroupName myRgName -Name myContainerName -PartitionKeyPath /a/b/c

-PartitionKeyKind Hash

Name : myContainerName

Id :

/subscriptions/mySubscriptionId/resourceGroups/myRgName/providers/Microsoft.DocumentDB/databaseAccounts/myAccountName/sqlDatabases/myDatabaseName/containers/myContainerName

Location :

Tags :

Resource : Microsoft.Azure.Commands.CosmosDB.Models.PSSqlContainerGetPropertiesResource

Example 2: Create a new CosmosDB Sql Container with Client Encryption Policy

\$includedPath1 =

[Microsoft.Azure.Management.CosmosDB.Models.ClientEncryptionIncludedPath]::new("/path1","key1","Deterministic","AED_AES_256_CBC_HMAC_SHA256");

\$includedPath2 =

[Microsoft.Azure.Management.CosmosDB.Models.ClientEncryptionIncludedPath]::new("/path2","key2","Randomized","AED_AES_256_CBC_HMAC_SHA256");

\$listofIncludedPaths = New-Object

Collections.Generic.List[Microsoft.Azure.Management.CosmosDB.Models.ClientEncryptionIncludedPath]

\$listofIncludedPaths.Add(\$includedPath1)

\$listofIncludedPaths.Add(\$includedPath2)

\$newClientEncryptionPolicy =

[Microsoft.Azure.Management.CosmosDB.Models.ClientEncryptionPolicy]::new(\$listofIncludedPaths, 2)

\$newPSSqlClientEncryptionPolicy =

[Microsoft.Azure.Commands.CosmosDB.Models.PSSqlClientEncryptionPolicy]::new(\$newClientEncryptionPolicy)

New-AzCosmosDBSqlContainer -AccountName myAccountName -DatabaseName myDatabaseName

-ResourceGroupName myRgName -Name myContainerName -PartitionKeyPath /a/b/c

-PartitionKeyKind Hash -ClientEncryptionPolicy \$newPSSqlClientEncryptionPolicy

Name : myContainerName

Id

:

/subscriptions/mySubscriptionId/resourceGroups/myRgName/providers/Microsoft.DocumentDB/databaseAccounts/myAccountName/sqlDatabases/myDatabaseName/containers/myContainerName

Location :

Tags :

Resource : Microsoft.Azure.Commands.CosmosDB.Models.PSSqlContainerGetPropertiesResource

RELATED LINKS

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