



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

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

NAME

New-AzRedisEnterpriseCacheDatabase

SYNOPSIS

Creates a database for a Redis Enterprise cache.

SYNTAX

New-AzRedisEnterpriseCacheDatabase -ClusterName <String> -ResourceGroupName <String> [-SubscriptionId <String>] [-Module <IModule[]>] [-ClientProtocol <Protocol>]

[-Port <Int32>] [-EvictionPolicy <EvictionPolicy>] [-GroupNickname <String>] [-LinkedDatabase <ILinkedDatabase[]>] [-ClusteringPolicy <ClusteringPolicy>]

[-AofPersistenceEnabled] [-AofPersistenceFrequency <AofFrequency>] [-RdbPersistenceEnabled] [-RdbPersistenceFrequency <RdbFrequency>] [-DefaultProfile <PSObject>]

[-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>] [-ProxyCredential <PSCredential>]

[-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]

Creates a database for a Redis Enterprise cache.

PARAMETERS

-ClusterName <String>

The name of the Redis Enterprise cluster.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ResourceGroupName <String>

The name of the resource group.

The name is case insensitive.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SubscriptionId <String>

The ID of the target subscription.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Module <IModule[]>

Optional set of redis modules to enable in this database - modules can only be added at create time.

To construct, see NOTES section for MODULE properties and create a hash table.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ClientProtocol <Protocol>

Specifies whether redis clients can connect using TLS-encrypted or plaintext redis protocols - default is Encrypted

Allowed values: Encrypted, Plaintext

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Port <Int32>

TCP port of the database endpoint - defaults to an available port

Specified at create time.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-EvictionPolicy <EvictionPolicy>

Redis eviction policy - default is VolatileLRU

Allowed values: AllKeysLFU, AllKeysLRU, AllKeysRandom, VolatileLRU, VolatileLFU, VolatileTTL, VolatileRandom,

NoEviction

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-GroupNickname <String>

Name for the group of linked database resources

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-LinkedDatabase <ILinkedDatabase[]>

List of database resources to link with this database

To construct, see NOTES section for GEOREPLICATIONLINKEDDATABASE properties and create a hash table.

To construct, see NOTES section for LINKEDDATABASE properties and create a hash table.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-ClusteringPolicy <ClusteringPolicy>

Clustering policy - default is OSSCluster

Specified at create time.

Allowed values: EnterpriseCluster, OSSCluster

Required? false

Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-AofPersistenceEnabled [<SwitchParameter>]

[Preview] Sets whether AOF persistence is enabled.
After enabling AOF persistence, you will be unable to disable it.
Support for disabling AOF persistence after enabling will be added at a later date.

Required? false
Position? named
Default value False
Accept pipeline input? false
Accept wildcard characters? false

-AofPersistenceFrequency <AofFrequency>

[Preview] Sets the frequency at which data is written to disk if AOF persistence is enabled.
Allowed values: 1s, always

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-RdbPersistenceEnabled [<SwitchParameter>]

[Preview] Sets whether RDB persistence is enabled.
After enabling RDB persistence, you will be unable to disable it.
Support for disabling RDB persistence after enabling will be added at a later date.

Required? false
Position? named

Default value False
Accept pipeline input? false
Accept wildcard characters? false

-RdbPersistenceFrequency <RdbFrequency>

[Preview] Sets the frequency at which a snapshot of the database is created if RDB persistence is enabled.

Allowed values: 1h, 6h, 12h

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-DefaultProfile <PSObject>

The credentials, account, tenant, and subscription used for communication with Azure.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-AsJob [<SwitchParameter>]

Run the command as a job

Required? false
Position? named
Default value False
Accept pipeline input? false
Accept wildcard characters? false

-Break [<SwitchParameter>]

Wait for .NET debugger to attach

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-HttpPipelineAppend <SendAsyncStep[]>

SendAsync Pipeline Steps to be appended to the front of the pipeline

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-HttpPipelinePrepend <SendAsyncStep[]>

SendAsync Pipeline Steps to be prepended to the front of the pipeline

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-NoWait [<SwitchParameter>]

Run the command asynchronously

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-Proxy <Uri>

The URI for the proxy server to use

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ProxyCredential <PSCredential>

Credentials for a proxy server to use for the remote call

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ProxyUseDefaultCredentials [<SwitchParameter>]

Use the default credentials for the proxy

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-WhatIf [<SwitchParameter>]

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Confirm [<SwitchParameter>]

Required? false

Position? named

Default value

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

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.RedisEnterpriseCache.Models.Api20230301Preview.IDatabase

NOTES

COMPLEX PARAMETER PROPERTIES

To create the parameters described below, construct a hash table containing the appropriate properties. For information on hash tables, run Get-Help

about_Hash_Tables.

LINKEDDATABASE <ILinkedDatabase[]>: List of database resources to link with this database To construct, see NOTES section for GEOREPLICATIONLINKEDDATABASE

properties and create a hash table.

[Id <String>]: Resource ID of a database resource to link with this database.

MODULE <IModule[]>: Optional set of redis modules to enable in this database - modules can only be added at create time.

Name <String>: The name of the module, e.g. 'RedisBloom', 'RediSearch', 'RedisTimeSeries'

[Arg <String>]: Configuration options for the module, e.g. 'ERROR_RATE 0.01 INITIAL_SIZE 400'.

----- EXAMPLE 1 -----

```
PS C:\>New-AzRedisEnterpriseCacheDatabase -Name "MyCache" -ResourceGroupName "MyGroup" -Module
"{name:RedisBloom, args:`"ERROR_RATE 0.00 INITIAL_SIZE
400`"}", "{name:RedisTimeSeries, args:`"RETENTION_POLICY 20`"}", "{name:RediSearch}" -ClientProtocol "Plaintext"
-EvictionPolicy "NoEviction" -ClusteringPolicy
"EnterpriseCluster" -Port 10000 -AofPersistenceEnabled -AofPersistenceFrequency "always"
```

----- EXAMPLE 2 -----

```
PS C:\>New-AzRedisEnterpriseCacheDatabase -Name "MyCache2" -ResourceGroupName "MyGroup" -ClientProtocol
"Encrypted" -EvictionPolicy "NoEviction" -ClusteringPolicy
"EnterpriseCluster" -GroupNickname "GroupNickname" -LinkedDatabase
'{id: "/subscriptions/sub1/resourceGroups/MyGroup/providers/Microsoft.Cache/redisEnterprise/MyCache1/
databases/default"}', '{id: "/subscriptions/sub1/resourceGroups/MyGroup/providers/Microsoft.Cache/redisEnterprise/MyCache
2/databases/default"}'
```

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.redisenterprise/new-azredisenterprisecachedatabase>