



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

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

NAME

New-AzCosmosDBAccount

SYNOPSIS

Create a new CosmosDB Account.

SYNTAX

```
New-AzCosmosDBAccount [-AnalyticalStorageSchemaType <System.String>] [-ApiKind <System.String>] [-AsJob]
[-BackupIntervallInMinutes <System.Nullable`1[System.Int32]>]
[-BackupPolicyType <System.String>] [-BackupRetentionIntervallInHours <System.Nullable`1[System.Int32]>]
[-EnableBurstCapacity <System.Nullable`1[System.Boolean]>]
[-BackupStorageRedundancy <System.String>] [-Capabilities <System.String[]>] [-ContinuousTier <System.String>]
[-DefaultConsistencyLevel <System.String>]
[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-DisableKeyBasedMetadataWriteAccess]
[-EnableAnalyticalStorage <System.Nullable`1[System.Boolean]>] [-EnablePartitionMerge
<System.Nullable`1[System.Boolean]>] [-EnableAutomaticFailover] [-EnableFreeTier
<System.Nullable`1[System.Boolean]>] [-EnableMultipleWriteLocations] [-EnableVirtualNetwork]
[-FromPointInTimeBackup] [-IpRule <System.String[]>] [-KeyVaultKeyUri
```

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        <System.String>] [-Location <System.String[]>] [-LocationObject
<Microsoft.Azure.Commands.CosmosDB.Models.PSLocation[]>] [-MaxStalenessIntervalInSeconds
    <System.Nullable`1[System.Int32]>] [-MaxStalenessPrefix <System.Nullable`1[System.Int32]>] -Name <System.String>
[-NetworkAclBypass <System.String>]
    [-NetworkAclBypassResourceId <System.String[]>] [-PublicNetworkAccess <System.String>] -ResourceGroupName
<System.String> [-ServerVersion <System.String>] [-Tag
    <System.Collections.Hashtable>] [-VirtualNetworkRule <System.String[]>] [-VirtualNetworkRuleObject
<Microsoft.Azure.Commands.CosmosDB.Models.PSVirtualNetworkRule[]>]
    [-Confirm] [-WhatIf] [<CommonParameters>]

```

DESCRIPTION

Create a new CosmosDB Account in the given ResourceGroup.

PARAMETERS

-AnalyticalStorageSchemaType <System.String>

The schema type for analytical storage. Valid values include: 'WellDefined' and 'FullFidelity'.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ApiKind <System.String>

The type of Cosmos DB database account to create. Accepted values: GlobalDocumentDB, MongoDB, Gremlin, Table, Cassandra. Default value: GlobalDocumentDB

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-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

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

The interval(in minutes) with which backup are taken (only for accounts with periodic mode backups)

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-BackupPolicyType <System.String>

The type of backups on the Cosmos DB account. Accepted values: Periodic, Continuous

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

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

The time(in hours) for which each backup is retained (only for accounts with periodic mode backups)

Required? false

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

-EnableBurstCapacity <System.Nullable`1[System.Boolean]>

Bool to indicate if Burst Capacity is enabled on the account.

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

-BackupStorageRedundancy <System.String>

The redundancy type of the backup Storage account

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

-Capabilities <System.String[]>

Add a location to the Cosmos DB database account. Array of strings, ordered by failover priority.

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

-ContinuousTier <System.String>

The tier of continuous backups mode on the Cosmos DB account. Accepted values: Continuous7Days, Continuous30Days

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

-DefaultConsistencyLevel <System.String>

Default consistency level of the Cosmos DB database account. Accepted values: BoundedStaleness, ConsistentPrefix, Eventual, Session, Strong

Required? false
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

-DisableKeyBasedMetadataWriteAccess <System.Management.Automation.SwitchParameter>

Disable write operations on metadata resources (databases, containers, throughput) via account keys

Required? false
Position? named

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

-EnableAnalyticalStorage <System.Nullable`1[System.Boolean]>

Bool to indicate if AnalyticalStorage is enabled on the account.

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

-EnablePartitionMerge <System.Nullable`1[System.Boolean]>

Bool to indicate if PartitionMerge is enabled on the account. Accepted Values: false, true

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

-EnableAutomaticFailover <System.Management.Automation.SwitchParameter>

Enables automatic failover of the write region in the rare event that the region is unavailable due to an outage.
Automatic failover will result in a new write

region for the account and is chosen based on the failover priorities configured for the account. Accepted values: false,
true

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

-EnableFreeTier <System.Nullable`1[System.Boolean]>

Bool to indicate if FreeTier is enabled on the account.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-EnableMultipleWriteLocations <System.Management.Automation.SwitchParameter>

Enable Multiple Write Locations. Accepted values: false, true

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-EnableVirtualNetwork <System.Management.Automation.SwitchParameter>

Enables virtual network on the Cosmos DB database account. Accepted values: false, true

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-FromPointInTimeBackup <System.Management.Automation.SwitchParameter>

Indicates that the new Cosmos DB account request is a restore request.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-IpRule <System.String[]>

Firewall support. Specifies the set of IP addresses or IP address ranges in CIDR form to be included as the allowed list of client IPs for a given database account.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-KeyVaultKeyUri <System.String>

URI of the KeyVault

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Location <System.String[]>

Add a location to the Cosmos DB database account. Array of strings, ordered by failover priority.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-LocationObject <Microsoft.Azure.Commands.CosmosDB.Models.PSLocation[]>

Add a location to the Cosmos DB database account. Array of PSLocation objects.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

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

When used with Bounded Staleness consistency, this value represents the time amount of staleness (in timespan) tolerated. Accepted range for this value is 5-86400.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

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

When used with Bounded Staleness consistency, this value represents the number of stale requests tolerated. Accepted range for this value is 1 - 2,147,483,647.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Name <System.String>

Name of the Cosmos DB database account.

Required? true

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

-NetworkAclBypass <System.String>

Whether or not Network Acl Bypass is enabled for this account for Synapse Link. Possible values include: 'None', 'AzureServices'.

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

-NetworkAclBypassResourceId <System.String[]>

List of Resource Ids to allow Network Acl Bypass for Synapse Link.

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

-PublicNetworkAccess <System.String>

Whether or not public endpoint access is allowed for this server. Possible values include: 'Enabled', 'Disabled'

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

-ServerVersion <System.String>

ServerVersion, valid only in case of MongoDB Accounts.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Tag <System.Collections.Hashtable>

Hashtable of tags as key-value pairs. Use empty string to clear existing tag.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-VirtualNetworkRule <System.String[]>

Array of string values of ACL's for virtual network.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-VirtualNetworkRuleObject <Microsoft.Azure.Commands.CosmosDB.Models.PSVirtualNetworkRule[]>

Array of PSVirtualNetworkRuleObjects for virtual network.

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

None

OUTPUTS

Microsoft.Azure.Commands.CosmosDB.Models.PSDatabaseAccountGetResults

NOTES

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

New-AzCosmosDBAccount -ResourceGroupName resourceGroupName -Name databaseAccountName -Location "East
US"

Kind : GlobalDocumentDB
ProvisioningState : Initializing
DocumentEndpoint :
DatabaseAccountOfferType : Standard
IpRangeFilter :
IsVirtualNetworkFilterEnabled : False
EnableAutomaticFailover : False
ConsistencyPolicy : Microsoft.Azure.Management.CosmosDB.Models.ConsistencyPolicy
Capabilities : {}
WriteLocations : {databaseAccountName-eastus}

ReadLocations : {databaseAccountName-eastus}

FailoverPolicies : {databaseAccountName-eastus}

VirtualNetworkRules : {}

EnableMultipleWriteLocations : False

Location : East US

Tags : {}

Id :

/subscriptions/{subscriptionid}/resourceGroups/resourceGroupName/providers/Microsoft.DocumentDB/databaseAccounts/d
atabaseAccountName

Name : databaseAccountName

Type : Microsoft.DocumentDB/databaseAccounts

NetworkAclBypass : None

NetworkAclBypassResourceIds : {}

A new CosmosDB Account with name databaseAccountName is created in the ResourceGroup resourceGroupName.

RELATED LINKS

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