



Windows PowerShell Get-Help on Cmdlet 'Get-AzSqlSyncAgent'

PS:\>Get-HELP Get-AzSqlSyncAgent -Full

NAME

Get-AzSqlSyncAgent

SYNOPSIS

Returns information about Azure SQL Sync Agents.

SYNTAX

```
Get-AzSqlSyncAgent [-ResourceGroupName] <System.String> [-ServerName] <System.String> [[-Name]
<System.String>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[<CommonParameters>]
```

DESCRIPTION

The Get-AzSqlSyncAgent cmdlet returns information about one or more Azure SQL Sync Agents. Specify the name of a sync agent to see information for only that sync agent.

PARAMETERS

-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

-Name <System.String>

The sync agent name.

Required? false

Position? 2

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? true

-ResourceGroupName <System.String>

The name of the resource group.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ServerName <System.String>

The name of the Azure SQL Server the sync agent is in.

Required? true

Position? 1

Default value None

Accept pipeline input? True (ByPropertyName)

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

System.String

OUTPUTS

Microsoft.Azure.Commands.Sql.DataSync.Model.AzureSqlSyncAgentModel

NOTES

Example 1: Get all instances of Azure SQL Sync Agent assigned to an Azure SQL Server

Get-AzSqlSyncAgent -ResourceGroupName "ResourceGroup01" -ServerName "Server01" | Format-List

ResourceId :
subscriptions/{subscriptionId}/resourceGroups/{ResourceGroup01}/servers/{Server01}/syncAgents/{SyncAgent01}
ResourceGroupName : ResourceGroup01
ServerName : Server01

DatabaseName : Database01

SyncAgentName : SyncAgent01

SyncDatabaseId :

subscriptions/{subscriptionId}/resourceGroups/{syncDatabaseResourceGroup01}/servers/{syncDatabaseServer01}/databases/{syncDatabaseName01}

LastAliveTime: : 6/1/2017 5:08:48 AM

Version : 4.3.6348.1

IsUpToDate : False

ExpiryTime :

State : Online

ResourceId :

subscriptions/{subscriptionId}/resourceGroups/{ResourceGroup01}/servers/{Server01}/syncAgents/{SyncAgent02}

ResourceGroupName : ResourceGroup01

ServerName : Server01

DatabaseName : Database01

SyncAgentName : SyncAgent02

SyncDatabaseId :

subscriptions/{subscriptionId}/resourceGroups/{syncDatabaseResourceGroup01}/servers/{syncDatabaseServer01}/databases/{syncDatabaseName01}

LastAliveTime: : 6/1/2017 5:08:48 AM

Version : 4.3.6348.1

IsUpToDate : False

ExpiryTime :

State : Online

This command gets information about all the Azure SQL Sync Agents assigned to an Azure SQL Server.

--- Example 2: Get information about an Azure SQL Sync Agent ---

Get-AzSqlSyncAgent -ResourceGroupName "ResourceGroup01" -ServerName "Server01" -Name "SyncAgent01" |

Format-List

```

ResourceId
:
subscriptions/{subscriptionId}/resourceGroups/{ResourceGroup01}/servers/{Server01}/syncAgents/{SyncAgent01}

ResourceGroupName      : ResourceGroup01
ServerName              : Server01
DatabaseName           : Database01
SyncAgentName          : SyncAgent01

SyncDatabaseId
:
subscriptions/{subscriptionId}/resourceGroups/{syncDatabaseResourceGroup01}/servers/{syncDatabaseServer01}/databases/{syncDatabaseName01}

LastAliveTime:         : 6/1/2017 5:08:48 AM
Version                : 4.3.6348.1
IsUpToDate             : False
ExpiryTime             :
State                  : Online

```

This command gets information about the Azure SQL Database Sync Agent with name "SyncAgent01"

Example 3: Get all instances of Azure SQL Sync Agent assigned to an Azure SQL Server using filtering

```

Get-AzSqlSyncAgent -ResourceGroupName "ResourceGroup01" -ServerName "Server01" -Name SyncAgent* |
Format-List

```

```

ResourceId
:
subscriptions/{subscriptionId}/resourceGroups/{ResourceGroup01}/servers/{Server01}/syncAgents/{SyncAgent01}

ResourceGroupName      : ResourceGroup01
ServerName              : Server01
DatabaseName           : Database01
SyncAgentName          : SyncAgent01

SyncDatabaseId
:
subscriptions/{subscriptionId}/resourceGroups/{syncDatabaseResourceGroup01}/servers/{syncDatabaseServer01}/databases/{syncDatabaseName01}

```

LastAliveTime: : 6/1/2017 5:08:48 AM
Version : 4.3.6348.1
IsUpToDate : False
ExpiryTime :
State : Online

ResourceId :

subscriptions/{subscriptionId}/resourceGroups/{ResourceGroup01}/servers/{Server01}/syncAgents/{SyncAgent02}

ResourceGroupName : ResourceGroup01
ServerName : Server01
DatabaseName : Database01
SyncAgentName : SyncAgent02

SyncDatabaseId :

subscriptions/{subscriptionId}/resourceGroups/{syncDatabaseResourceGroup01}/servers/{syncDatabaseServer01}/databases/{syncDatabaseName01}

LastAliveTime: : 6/1/2017 5:08:48 AM
Version : 4.3.6348.1
IsUpToDate : False
ExpiryTime :
State : Online

This command gets information about all the Azure SQL Sync Agents assigned to an Azure SQL Server that start with "SyncAgent".

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.sql/get-azsqlsyncagent>
Remove-AzSqlSyncAgent
New-AzSqlSyncAgent