



Windows PowerShell Get-Help on Cmdlet 'Get-AzDataFactoryV2LinkedService'

PS:\>Get-HELP Get-AzDataFactoryV2LinkedService -Full

NAME

Get-AzDataFactoryV2LinkedService

SYNOPSIS

Gets information about linked services in Data Factory.

SYNTAX

```

Get-AzDataFactoryV2LinkedService [-DataFactory]

<Microsoft.Azure.Commands.DataFactoryV2.Models.PSDataFactory> [[-Name] <System.String>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[<CommonParameters>]
  
```

```

Get-AzDataFactoryV2LinkedService [-ResourceGroupName] <System.String> [-DataFactoryName] <System.String>
[-Name] <System.String> [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[<CommonParameters>]
  
```

```

Get-AzDataFactoryV2LinkedService [-ResourceId] <System.String> [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
  
```

[<CommonParameters>]

DESCRIPTION

The `Get-AzDataFactoryV2LinkedService` cmdlet gets information about linked services in Azure Data Factory. If you specify the name of a linked service, this cmdlet gets information about that linked service. If you do not specify a name, this cmdlet gets information about all the linked services in the data factory.

PARAMETERS

`-DataFactory <Microsoft.Azure.Commands.DataFactoryV2.Models.PSDataFactory>`

Specifies a `PSDataFactory` object. This cmdlet gets linked services that belong to the data factory that this parameter specifies.

Required?	true
Position?	0
Default value	None
Accept pipeline input?	True (ByValue)
Accept wildcard characters?	false

`-DataFactoryName <System.String>`

Specifies the name of a data factory. This cmdlet gets linked services that belong to the data factory that this parameter specifies.

Required?	true
Position?	1
Default value	None
Accept pipeline input?	True (ByPropertyName)
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

-Name <System.String>

Specifies the name of the linked service about which to get information.

Required?	false
Position?	2
Default value	None
Accept pipeline input?	True (ByPropertyName)
Accept wildcard characters?	false

-ResourceGroupName <System.String>

Specifies the name of an Azure resource group. This cmdlet gets linked services that belong to the group that this parameter specifies.

Required?	true
Position?	0
Default value	None
Accept pipeline input?	True (ByPropertyName)
Accept wildcard characters?	false

-ResourceId <System.String>

The Azure resource ID.

Required?	true
Position?	0
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

Microsoft.Azure.Commands.DataFactoryV2.Models.PSDataFactory

OUTPUTS

Microsoft.Azure.Commands.DataFactoryV2.Models.PSLinkedService

NOTES

Keywords: azure, azurerm, arm, resource, management, manager, data, factories

----- Example 1: Get information about all linked services -----

Get-AzDataFactoryV2LinkedService -ResourceGroupName "ADF" -DataFactoryName "WikiADF" | Format-List

LinkedServiceName : LinkedServiceCuratedWikiData

ResourceGroupName : ADF

DataFactoryName : WikiADF

Properties : Microsoft.Azure.Management.DataFactory.Models.AzureStorageLinkedService

LinkedServiceName : LinkedServiceHDIStorage

ResourceGroupName : ADF

DataFactoryName : WikiADF

Properties : Microsoft.Azure.Management.DataFactory.Models.AzureStorageLinkedService

LinkedServiceName : LinkedServiceWikipediaClickEvents

ResourceGroupName : ADF

DataFactoryName : WikiADF

Properties : Microsoft.Azure.Management.DataFactory.Models.AzureStorageLinkedService

This command gets information about all linked services in the data factory named WikiADF, and then passes the linked services to the Format-List cmdlet by using the

pipeline operator. That Windows PowerShell cmdlet formats the results. For more information, type Get-Help Format-List. You can use either one of the following ways:

-- Example 2: Get information about a specific linked service --

```
Get-AzDataFactoryV2LinkedService -ResourceGroupName "ADF" -DataFactoryName "WikiADF" -Name  
"LinkedServiceCuratedWikiData"
```

LinkedServiceName : LinkedServiceCuratedWikiData

ResourceGroupName : ADF

DataFactoryName : WikiADF

Properties : Microsoft.Azure.Management.DataFactory.Models.AzureStorageLinkedService

This command gets information about the linked service named LinkedServiceCuratedWikiData in the data factory named WikiADF.

```
$DataFactory = Get-AzDataFactoryV2 -ResourceGroupName "ADF" -Name "ContosoFactory"
```

```
Get-AzDataFactoryV2LinkedService -DataFactory $DataFactory | Format-Table -Property Name, DataFactoryName,  
ResourceGroupName
```

Name	DataFactoryName	ResourceGroupName
-----	-----	-----
LinkedServiceCuratedWikiData	ContosoFactory	ADF

The first command uses the `Get-AzDataFactoryV2` cmdlet to get the data factory named `ContosoFactory`, and then stores it in the `$DataFactory` variable. The second command gets information about the linked service for the data factory stored in `$DataFactory`, and then passes that information to the `Format-Table` cmdlet by using the pipeline operator. The `Format-Table` cmdlet formats the output as a dataset with the specified properties as dataset columns.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.datafactory/get-azdatafactoryv2linkedservice>

`Set-AzDataFactoryV2LinkedService`

`Remove-AzDataFactoryV2LinkedService`