



Windows PowerShell Get-Help on Cmdlet 'Get-AzDataFactoryV2IntegrationRuntime'

PS:\>Get-HELP Get-AzDataFactoryV2IntegrationRuntime -Full

NAME

Get-AzDataFactoryV2IntegrationRuntime

SYNOPSIS

Gets information about integration runtime resources.

SYNTAX

```
Get-AzDataFactoryV2IntegrationRuntime [-ResourceGroupName] <System.String> [-DataFactoryName] <System.String>
[[-Name] <System.String>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Status]
[<CommonParameters>]
```

```
Get-AzDataFactoryV2IntegrationRuntime [-InputObject]
    <Microsoft.Azure.Commands.DataFactoryV2.Models.PSIntegrationRuntime> [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Status]
[<CommonParameters>]
```

```
Get-AzDataFactoryV2IntegrationRuntime [-ResourceId] <System.String> [-DefaultProfile
```

```
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Status]
```

[<CommonParameters>]

DESCRIPTION

The Get-AzDataFactoryV2IntegrationRuntime cmdlet gets information about integration runtimes in a data factory. If you specify the name of an integration runtime, this cmdlet gets information about that integration runtime. If you do not specify a name, this cmdlet gets information about all of the integration runtimes in a data factory.

PARAMETERS

-DataFactoryName <System.String>

The data factory name.

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

-InputObject <Microsoft.Azure.Commands.DataFactoryV2.Models.PSIntegrationRuntime>

The integration runtime object.

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

-Name <System.String>

The integration runtime name.

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

-ResourceGroupName <System.String>

The resource group name.

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

-Status <System.Management.Automation.SwitchParameter>

The integration runtime detail status.

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

System.String

Microsoft.Azure.Commands.DataFactoryV2.Models.PSIntegrationRuntime

OUTPUTS

Microsoft.Azure.Commands.DataFactoryV2.Models.PSIntegrationRuntime

Microsoft.Azure.Commands.DataFactoryV2.Models.PSManagedIntegrationRuntime

Microsoft.Azure.Commands.DataFactoryV2.Models.PSSelfHostedIntegrationRuntime

NOTES

Keywords: azure, azurerm, arm, resource, management, manager, data, factories, copy, activities, integration runtime

-- Example 1: List all integration runtimes in a data factory --

```
Get-AzDataFactoryV2IntegrationRuntime -ResourceGroupName rg-test-dfv2 -DataFactoryName test-df-eu2
```

ResourceGroupName	DataFactoryName	Name	Description
-----	-----	-----	
rg-test-dfv2	test-df-eu2	test-reserved-ir	Reserved IR
rg-test-dfv2	test-df-eu2	test-dedicated-ir	Reserved IR
rg-test-dfv2	test-df-eu2	test-selfhost-ir	selfhost IR

List all integration runtimes in the data factory named 'test-df-eu2'.

----- Example 2: Get managed dedicated integration runtime -----

```
Get-AzDataFactoryV2IntegrationRuntime -ResourceGroupName rg-test-dfv2 -DataFactoryName test-df-eu2 -Name test-dedicated-ir
```

Location : West US

NodeSize : Standard_D1_v2

NodeCount : 1

MaxParallelExecutionsPerNode : 1

CatalogServerEndpoint : test.database.windows.net

CatalogAdminUserName : test

```
CatalogAdminPassword      : *****
CatalogPricingTier        : S1
VNetId                    :
Subnet                    :
SubnetId                  :
VNetInjectionMethod       : Express
PublicIPs                 :
State                    : Starting
ResourceGroupName         : rg-test-dfv2
DataFactoryName           : test-df-eu2
Name                      : test-dedicated-ir
Description               : Reserved IR
```

This command displays information about the integration runtime named 'test-dedicated-ir' in the subscription for the resource group named 'rg-test-dfv2' and data factory named 'test-df-eu2'.

Example 3: Get managed dedicated integration runtime with detail status

```
Get-AzDataFactoryV2IntegrationRuntime -ResourceGroupName rg-test-dfv2 -DataFactoryName test-df-eu2 -Name
test-dedicated-ir -Status
```

```
CreateTime                :
Nodes                     :
OtherErrors               :
LastOperation             :
State                    : Initial
Location                 : West US
NodeSize                  : Standard_D1_v2
NodeCount                 : 1
MaxParallelExecutionsPerNode : 1
CatalogServerEndpoint     : test.database.windows.net
```

CatalogAdminUserName : test
CatalogAdminPassword : *****
CatalogPricingTier : S1
VNetId :
Subnet :
SubnetId :
VNetInjectionMethod : Standard
PublicIPs :
ResourceGroupName : rg-test-dfv2
DataFactoryName : test-df-eu2
Name : test-dedicated-ir
Description : Reserved IR

This command displays information about the integration runtime named 'test-dedicated-ir' in the subscription for the resource group named 'rg-test-dfv2' and data factory named 'test-df-eu2'.

----- Example 4: Get self-hosted integration runtime -----

Get-AzDataFactoryV2IntegrationRuntime -ResourceGroupName rg-test-dfv2 -DataFactoryName test-df-eu2 -Name test-selfhost-ir

ResourceGroupName	DataFactoryName	Name	Description
rg-test-dfv2	test-df-eu2	test-selfhost-ir	selfhost IR

This command displays information about the integration runtime named 'test-dedicated-ir' in the subscription for the resource group named 'rg-test-dfv2' and data factory named 'test-df-eu2'.

Get-AzDataFactoryV2IntegrationRuntime -ResourceGroupName rg-test-dfv2 -DataFactoryName test-df-eu2 -Name test-selfhost-ir -Status

State : Online

Version : 4.2.7233.1

CreateTime : 9/26/2019 6:00:08 AM

AutoUpdate : Off

ScheduledUpdateDate :

UpdateDelayOffset : 03:00:00

LocalTimeZoneOffset : 08:00:00

InternalChannelEncryption :

Capabilities : {[serviceBusConnected, True], [httpsPortEnabled, True], [credentialInSync, True], [connectedToResourceManager, True]...}

ServiceUrls : {}

Nodes : {}

Links : {}

AutoUpdateETA :

LatestVersion : 4.3.7265.1

PushedVersion : 4.3.7265.1

TaskQueueId : fe2d60b5-86f5-58bf-bdae-7ef698284088

VersionStatus : UpdateAvailable

Name : test-selfhost-ir

Type : SelfHosted

ResourceGroupName : rg-test-dfv2

DataFactoryName : test-df-eu2

Description :

Id :

/subscriptions/41fcbc45-c594-4152-a8f1-fcbcd6452aea/resourceGroups/rg-test-dfv2/providers/Microsoft.DataFactory/factories/test-df-eu2/integrationruntimes/test-selfhost-ir

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.datafactory/get-azdatafactoryv2integrationruntime>

Set-AzDataFactoryV2IntegrationRuntime

Remove-AzDataFactoryV2IntegrationRuntime