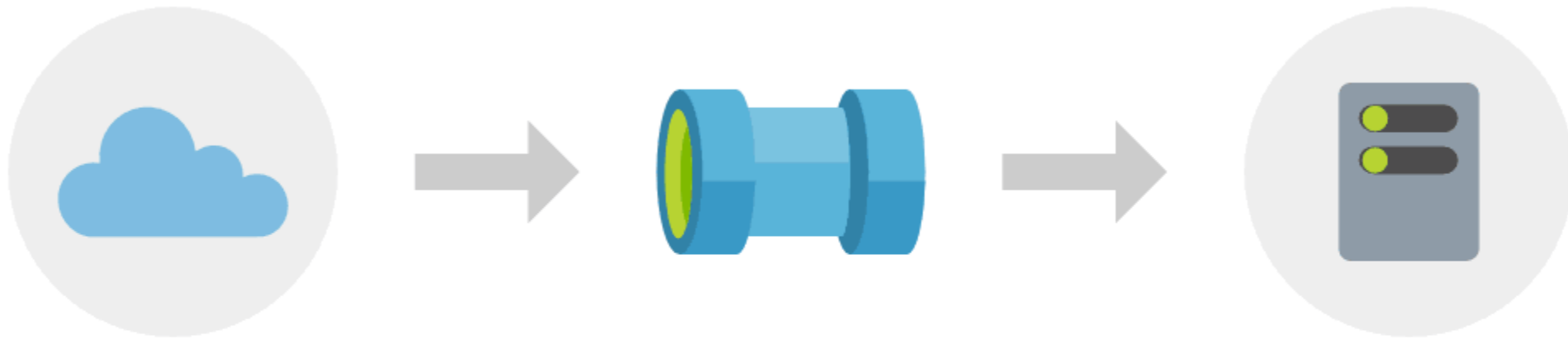


Copy Data from On-Premises SQL Server to ADLS using Self-Hosted IR

Self-Hosted Integration Runtime



Copy Data

Between Cloud and On-Premises Stores

(Public Network <--> Private Network)

Key Points

1. **Setting Up Self-Hosted IR:** Installed and configured a Self-Hosted Integration Runtime (IR) to enable secure data integration between on-premises and cloud environments.
2. **Configuring On-Premises SQL Server:** Set up an on-premises SQL Server for seamless data extraction and integration with Azure services.
3. **Creating Linked Services:** Established secure connections using linked services for Azure Key Vault, Azure Data Lake Storage gen 2 (ADLS), file system, and on-premises SQL Server.
4. **Creating Datasets:** Defined datasets for ADLS Gen2, local file systems, and on-premises SQL Server to manage and process data effectively.
5. **Creating a Dynamic Pipeline for Data Copy:** Designed a dynamic Azure Data Factory pipeline to copy data across multiple sources and destinations.
 - ✓ **Copying Data from On-Premises SQL to ADLS Gen2:** Implemented a pipeline to securely transfer data from on-premises SQL Server to ADLS Gen2.
 - ✓ **Copying Data from ADLS Gen2 to On-Premises SQL:** Automated the reverse data flow from ADLS Gen2 back to the on-premises SQL Server.
 - ✓ **Copying Data from Local File System to ADLS Gen2:** Created a data pipeline to move local file system data into Azure Data Lake Storage Gen2.

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RG

Resource group

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Delete resource group

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Export to CSV

Open query

Assign tags

Move

Delete

Export template

- Overview
- Activity log
- Access control (IAM)
- Tags
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- Cost Management
- Monitoring
- Automation
- Help

Essentials

JSON View

Subscription (move) : [Free Trial](#)

Subscriptions : [6 Succeeded](#)

Subscription ID : cb5aa32f-596d-4042-b541-07ac75597efe

Location : East US

Tags (edit) : [Add tags](#)

Resources

Recommendations (4)

Filter for any field...

Type equals all

Location equals all

Add filter

Showing 1 to 8 of 8 records.

Show hidden types

No grouping

List view

<input type="checkbox"/> Name ↑↓	Type ↑↓	Location ↑↓	
<input type="checkbox"/> abssakthi	Storage account	East US	...
<input type="checkbox"/> adf-sakthi	Data factory (V2)	East US	...
<input type="checkbox"/> adlssakthi	Storage account	East US	...
<input type="checkbox"/> akvsakthi	Key vault	East US	...
<input type="checkbox"/> demodb (serversakthi/demodb)	SQL database	East US 2	...
<input type="checkbox"/> destination (serversakthi/destination)	SQL database	East US 2	...
<input type="checkbox"/> gmail	API Connection	East US	...
<input type="checkbox"/> serversakthi	SQL server	East US 2	...

Microsoft Azure | Data Factory > adf-sakthi

Search factory and documentation

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sakthi.97@outlook.com

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Data Factory

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Apache Airflow

Linked services

Linked service defines the connection information to a data store or compute. [Learn more](#)

+ New

Filter by name

Annotations : Any

Showing 1 - 3 of 3 items

Name	Type
ls_abs	Azure Blob Storage
ls_adls	Azure Data Lake Storage
ls_asdb	Azure SQL Databases

Edit linked service

Azure Data Lake Storage Gen2 [Learn more](#)

AutoResolveIntegrationKuntime

Authentication type

Account key

Account selection method

From Azure subscription

Enter manually

URL *

https://adlssakthi.dfs.core.windows.net/

Storage account key

Azure Key Vault

AKV linked service * ¹

ls_akv

Secret name * ¹

Select...

Edit

Secret version ¹

Latest version

Edit

Test connection ¹

To linked service

To file path

Annotations

+ New

> Parameters

> Advanced ¹

Save

Cancel

Test connection

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+ New

Filter by name

Annotations : Any

Showing 1 - 3 of 3 items

Name ↑↓	Type ↑↓
ls_abs	Azure Blob Storage
ls_adls	Azure Data Lake Storage
ls_asdb	Azure SQL Database

Edit linked service

Azure Key Vault

Name *

ls_akv

Description

Azure key vault selection method ⓘ

☐ From Azure subscription

☒ Enter manually

Base URL *

https://akvsakthi.vault.azure.net/

Authentication method

System-assigned managed identity

Managed identity name: adf-sakthi

Managed identity object ID: e8bb1e24-fee1-40ea-9357-510d38bf99e1

Grant Data Factory service managed identity access to your Azure Key Vault. [Learn more](#)

Test connection

☒ To linked service

☐ To secret

Annotations

+ New

> Parameters

> Advanced ⓘ

Save

Cancel

✔ Connection successful

[Test connection](#)

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Linked service defines the connection information to a data store or compute. [Learn more](#)

+ New

Filter by name

Annotations : Any

Showing 1 - 3 of 3 items

Name	Type
ls_abs	Azure Blob Storage
ls_adls	Azure Data Lake Storage Gen2
ls_asdb	Azure SQL Database

Edit linked service

Azure Data Lake Storage Gen2 [Learn more](#)

Name *

ls_adls

Description

Connect via integration runtime * ⓘ

✓

AutoResolveIntegrationRuntime

Authentication type

Account key

Account selection method ⓘ

From Azure subscription

Enter manually

URL *

https://adlssakthi.dfs.core.windows.net/

Storage account key

Azure Key Vault

AKV linked service * ⓘ

ls_akv

Secret name * ⓘ

adls-key

Edit

Secret version ⓘ

Latest version

Edit

Save

Cancel

✓ Connection successful

[Test connection](#)

adf-sakthi - Azure Data Factory

adf.azure.com/en/management/datalinkedservices?factory=%2Fsubscriptions%2Fcb5aa32f-596d-4042-b541-07ac75597efe%2FresourceGroups%2FRG%2Fproviders%2FMicrosoft.DataF...

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Data FactoryValidate allPublish all2Preview experienceOff

GeneralFactory settingsConnectionsLinked servicesIntegration runtimesMicrosoft PurviewSource controlGit configurationARM templateAuthorTriggersGlobal parametersData flow librariesSecurityCredentialsCustomer managed keyOutbound rules

Linked servicesLinked service defines the connection infoNewFilter by nameShowing 1 - 4 of 4 itemsName ↑↓ls_absls_adlsls_akvls_asdb

Related ↑↓Annotations ↑↓0010

Microsoft Integration Runtime Setup

Welcome to the Microsoft Integration Runtime Setup Wizard

Please select the language/culture to be used by the Microsoft Integration Runtime. Note that this installer will continue to use culture/language of the machine.

English (United States)

BackNextCancel

Search

ENG IN02:48 PM25-01-2025

akvsakthi | Properties ☆ ...

Search ◊ ‹ ‹ Save ✕ Discard changes ↻ Refresh

- Overview
- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems
- Access policies
- Events
- Objects
 - Keys
 - Secrets
 - Certificates
- Settings
 - Access configuration
 - Networking
 - Microsoft Defender for Cloud

Properties

- Locks
- > Monitoring
- > Automation
- > Help

Name	akvsakthi
Sku (Pricing tier)	Standard
Location	eastus
Vault URI	https://akvsakthi.vault.azure.net/
Resource ID	/subscriptions/cb5aa32f-596d-4042-b541-07ac75597efe/resourceGroups/RG/providers/Microsoft.KeyVault/vaults/akvsakthi
Subscription ID	cb5aa32f-596d-4042-b541-07ac75597efe
Subscription Name	Free Trial
Directory ID	3d318f33-24a7-42ca-ad19-be11f8d43dbd
Directory Name	Default Directory
Soft-delete	Soft delete has been enabled on this key vault
Days to retain deleted vaults	7
Purge protection	<input checked="" type="radio"/> Disable purge protection (allow key vault and objects to be purged during retention period) <input type="radio"/> Enable purge protection (enforce a mandatory retention period for deleted vaults and vault objects)



Register Integration Runtime (Self-hosted)

Welcome to Microsoft Integration Runtime Configuration Manager. Before you start, register your Integration Runtime (Self-hosted) node using a valid Authentication Key.

☐ Show Authentication Key

[Learn how to find the Authentication Key](#)

HTTP Proxy

Current Proxy: No proxy

Change

Diagnostic Tool

Troubleshoot problems (preview)

Register

Cancel

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Download Microsoft Integration

adf.azure.com/en/management/integrationruntimes?factory=%2Fsubscriptions%2Fcb5aa32f-596d-4042-b541-07ac75597efe%2FresourceGroups%2FRG%2Fproviders%2FMicrosoft.Dat...

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Microsoft AzureData Factoryadf-sakthi

Microsoft Integration Runtime Configuration Manager - New Node

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Integration

The integration

+ New

Filter by na

Showing 1 - 2

Name

AutoRes

shIR

New Integration Runtime (Self-hosted) Node

Integration Runtime (Self-hosted) node name: ⓘ

SAKTHIVEL

Below is the list of Integration Runtime (Self-hosted) Nodes:

shIR

SAKTHIVEL : Current New Node

☐ Enable remote access from intranet ⓘ

FinishCancel

SharingLinks

machine or add further nodes using the

for this computer

on runtime

egration runtime

92-b06b-9e8b8f7bcf65@adf-sakthi@ServiceEn

Key2

IR@d6f08aa3-f05a-4592-b06b-9e8b8f7bcf65@adf-sakthi@ServiceEn

ApplyCancel

Search

ENG IN

02:58 PM 25-01-2025

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Integration runtimes





The integration runtime (IR) is the compute infrastructure to provide the following data integration capabilities across different network environment. [Learn more](#)

+ New

Refresh

Filter by name

Showing 1 - 2 of 2 items

Name ↑↓	Type ↑↓	Sub-type ↑↓	Status ↑↓	Related ↑↓	Region ↑↓	Version ↑↓
 AutoResolveIntegrationRuntime	Azure	Public	 Running	0	Auto Resolve	---
 shIR	Self-Hosted	---	 Running	0	---	5.50.9144.2

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Linked service defines the connection information to a data store or compute. [Learn more](#)

+ New

Filter by name

Annotations : Any

Showing 1 - 4 of 4 items

Name	Type
ls_abs	Azure Blob Storage
ls_adls	Azure Data Lake Storage
ls_akv	Azure Key Vault
ls_asdb	Azure SQL Database

New linked service

SQL server [Learn more](#)

Secret version

Latest version

Edit

Always encrypted

Encrypt

Mandatory

Trust server certificate

Host name in certificate

Additional connection

+ New

Annotations

+ New

> Parameters

< < > >

CreateBack

Error details

Error code [SqlFailedToConnect](#)

Details

Cannot connect to SQL Database. Please contact SQL server team for further support. Server: 'SAKTHIVEL', Database: 'Bank Loan DB', User: 'Sakthivel'. Check the linked service configuration is correct, and make sure the SQL Database firewall allows the integration runtime to access. A connection was successfully established with the server, but then an error occurred during the login process. (provider: SSL Provider, error: 0 - The certificate chain was issued by an authority that is not trusted.) The certificate chain was issued by an authority that is not trusted

Copied!

How helpful or unhelpful was this error message?

★★★★★

Connection failed [More](#)

Test connectionCancel

adf.azure.com/en/management/datalinkedservices?factory=%2Fsubscriptions%2Fcb5aa32f-596d-4042-b541-07ac75597efe%2FresourceGroups%2FRG%2Fproviders%2FMicrosoft.DataF...

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+ New

Filter by name

Annotations : Any

Showing 1 - 5 of 5 items

Name	Type	Related	Annotations
ls_abs	Azure Blob Storage	0	
ls_adls	Azure Data Lake Storage Gen2	1	
ls_akv	Azure Key Vault	2	
ls_asdb	Azure SQL Database	0	
ls_Onprem_SqlServer	SQL server	0	

Search

ENG IN

03:25 PM 25-01-2025

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Home

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Factory Resources

Filter resources by name

Pipelines 1

pl_data_copy_Onprem_to_adls

Change Data Capture (preview) 0

Datasets 2

ds_adls

ds_OnPrem_SqlServerTable

Data flows 0

Power Query 0

ds_adls

ds_OnPrem_SqlServe...

pl_data_copy_Onpr...

Validate

Debug

Add trigger

Copy data

Copy data from onPrem to Adls

Parameters

Variables

Settings

Output

Pipeline run ID: d81704d5-fd49-46d9-a4d6-6fd5ec190330

Pipeline status Succeeded

View debug run consumption

All status

Monitor in Azure Metrics

Export to CSV

Showing 1 - 1 of 1 items

Activity name	Activity sta...	Activity...	Run start	Duration	Integration runtime	User prope...	Activity r
Copy data from ...	Succeeded	Copy data	1/25/2025, 5:21:28 PM	51s	shIR		3a4261f9

Home > adlssakthi | Containers >



output

Container



»

↑

Upload

+

Add Directory

↻

Refresh

|

↶

Rename

🗑

Delete

↔

Change tier

🔒

Acquire lease

🔓

Break lease

🗨

Give feedback

Authentication method: Access key ([Switch to Microsoft Entra user account](#))
Location: output

Search blobs by prefix (case-sensitive)

Show deleted objects

Name	Modified	Access tier	Archive status	Blob type	Size	Lease state	
<div><div></div><div>📄 bank_loan_data.csv</div></div>	25/1/2025, 5:22:15 pm	Hot (Inferred)		Block blob	12.11 MiB	Available	⋮

SQLQuery1.sql - SAKTHIVEL.BankLoanDB (SAKTHIVEL\Sakthivel (78))* - Microsoft SQL Server Management Studio

Quick Launch (Ctrl+Q)

File Edit View Query Project Tools Window Help

BankLoanDB

Execute

Object Explorer

Connect

SAKTHIVEL (SQL Server 16.0.1000.6 - SAKTHIVEL\Sakthivel (78))

Databases

Security

Server Objects

Replication

Always On High Availability

Management

Integration Services Catalogs

SQL Server Agent (Agent XPs disabled)

XEvent Profiler

SQLQuery1.sql - SA...VEL\Sakthivel (78))*

-- Sample table

create table cust(eid int, ename varchar(50), eloc varchar(50))

drop table cust

insert into cust values(1, 'Sakthi', 'Bangalore'),

(2, 'Raj', 'Bangalore'),

(3, 'Bakthi', 'Chennai');

select * from cust

121 %

Results Messages

	eid	ename	eloc
1	1	Sakthi	Bangalore
2	2	Raj	Bangalore
3	3	Bakthi	Chennai
4	4	Ajay	Chennai
5	5	Kannan	Trichy
6	6	Balaji	Ramnad

Query executed successfully.

SAKTHIVEL (16.0 RTM) | SAKTHIVEL\Sakthivel (78) | BankLoanDB | 00:00:00 | 6 rows

Ready

Ln 16 Col 19 Ch 19 INS

Search

45

ENG IN 05:57 PM 25-01-2025

output - Microsoft Azure ×akvsakthi - Microsoft Azure ×SQL databases - Microsoft ×adf-sakthi - Azure Data Fa ×adf-sakthi - Azure Data Fa ×Data Truncation Solution ×+
adf.azure.com/en/authoring/pipeline/pipeline1?factory=%2Fsubscriptions%2Fcb5aa32f-596d-4042-b541-07ac75597efe%2FresourceGroups%2FRG%2Fproviders%2FMicrosoft.DataFact...
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ds_adlsds_OnPrem_SqlServe...pl_data_copy_Onpr...

ValidateDebugAdd trigger

Copy data
Copy data from Adls to onPrem

ParametersVariablesSettingsOutput

Pipeline run ID: 30c361de-521d-4c0a-8392-bfdf0659841b Pipeline status Succeeded
All status
Showing 1 - 1 of 1 items

Activity name	Activity sta...	Activity...	Run start	Duration	Integration runtime	User prope...	Activity run ID	Log
Copy data from Adls to onPrem	Succeeded	Copy data	1/25/2025, 5:55:53 PM	23s	shIR		6998d27d-fd8a-41f5-85b6-dda449b40a08	

Search

ENG IN 05:57 PM 25-01-2025

```
Command Prompt
Microsoft Windows [Version 10.0.26100.2894]
(c) Microsoft Corporation. All rights reserved.

C:\Users\lenovo>cd c
The system cannot find the path specified.

C:\Users\lenovo>cd C:\Program Files\Microsoft Integration Runtime\5.0\Shared

C:\Program Files\Microsoft Integration Runtime\5.0\Shared>.\dmgcmd.exe -EnableLocalMachineAccess
Microsoft.DataTransfer.DIAgentClient.HostServiceException: Integration Runtime Host Service doesn't support the operation for a non-admin user.
   at Microsoft.DataTransfer.DIAgentClient.NamedPipeStreamProviderUtil.SendRequest[T,TResult](T value)
   at Microsoft.DataTransfer.DIAgentClient.NamedPipeStreamProvider.UpdateLocalMachineAccess(String isLocalMachineAccessEnabled)
   at Microsoft.DataTransfer.DIAgentCommandLine.NetworkOptions.SetLocalMachineAccessProperty(Boolean isLocalMachineAccessEnabled)
   at Microsoft.DataTransfer.DIAgentCommandLine.NetworkOptions.RunNetworkOptions(CommandLineOptions options)
   at Microsoft.DataTransfer.DIAgentCommandLine.Program.RunAdditionalCommands(CommandLineOptions options, Int32& ret)
   at Microsoft.DataTransfer.DIAgentCommandLine.Program.RunCommands(CommandLineOptions options)
   at Microsoft.DataTransfer.DIAgentCommandLine.Program.Main(String[] args)

C:\Program Files\Microsoft Integration Runtime\5.0\Shared>|
```

```
Administrator: Command Prompt
C:\Program Files\Microsoft Integration Runtime\5.0\Shared>.dmgcmd.exe -EnableloaclMachineAccess
Failed to parse the command line options (The option "EnableloaclMachineAccess" is not a valid option)! Please check your input.

Usage:
    dmgcmd [ -EnableLocalMachineAccess -DisableLocalMachineAccess -EnableLocalFolderPathValidation -DisableLocalFolderPathValidation -SetAdditionalConnectionStringPropertyAllowlist <allow list> -GetAdditionalConnectionStringPropertyAllowlist -EnableRemoteAccess "<port>" ["<thumbprint>"] -EnableRemoteAccessInContainer "<port>" ["<thumbprint>"] -DisableRemoteAccess -Key "<AuthenticationKey>" -GenerateBackupFile "<filePath>" "<password>" -ImportBackupFile "<filePath>" "<password>" -SwitchServiceAccount "<domain\user>" ["password"] -LogLevel <logLevel> -EventLogVerboseSetting <On/Off> -EnableExecuteSsisPackage -DisableExecuteSsisPackage -GetExecuteSsisPackage ]

Detail:
-EnableLocalMachineAccess      Enable access to localhost and private IP of the machine.
-DisableLocalMachineAccess     Disable access to localhost and private IP of the machine.
-EnableLocalFolderPathValidation  Enable validation against local folder paths of the machine.
-DisableLocalFolderPathValidation  Disable validation against local folder paths of the machine.
-SetAdditionalConnectionStringPropertyAllowlist <allow list>    Set additional connection string property allow list for ODBC drivers.
-GetAdditionalConnectionStringPropertyAllowlist Get additional connection string property allow list for ODBC drivers.
-EnableRemoteAccess "<port>" ["<thumbprint>"]    Enable remote access to current node from High Availability nodes and/or Credential Manager
-EnableRemoteAccessInContainer "<port>" ["<thumbprint>"]      Enable remote access to current node when the node is running in Container
-DisableRemoteAccess    Disable remote access to current node
-Key "<AuthenticationKey>"      Renew the Authentication Key
-GenerateBackupFile "<filePath>" "<password>"    Generate a backup file for current node, including the node authentication key and data store credentials
-ImportBackupFile "<filePath>" "<password>"      Restore the node from a backup file
-SwitchServiceAccount "<domain\user>" ["password"]    Set DIAHostService to run as a new account. Use empty password ("") for system account or virtual account.
-LogLevel <logLevel>    Set ETW log level (Off, Error, Verbose or All)
-EventLogVerboseSetting <On/Off>      Set Event Log Verbose level (Off, On)
-EnableExecuteSsisPackage      Enable SSIS package execution on local Self-hosted Integration Runtime machine.
-DisableExecuteSsisPackage     Disable SSIS package execution on local Self-hosted Integration Runtime machine.
-GetExecuteSsisPackage Get the value if ExecuteSsisPackage is enabled on Self-hosted Integration Runtime machine.

C:\Program Files\Microsoft Integration Runtime\5.0\Shared>_
```

Downloads

← → ↑ ↺

This PC > Local Disk (D:) > Downloads >

Search Downloads

New

✂ 📄 📁 📄 📄 🗑

Sort View

⋮

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Gallery

Sakthivel - Personal

AWS

Local Disk (C:)

Local Disk (D:)

Google Drive (G:)

Chrome

@My_Assets

FireShot

ppt

This PC

Local Disk (C:)

Local Disk (D:)

Google Drive (G:)

Network

Name	Date modified	Type	Size
Chrome	25-01-2025 06:32 PM	File folder	
Edge	21-10-2024 12:53 PM	File folder	
Firefox	31-10-2024 04:13 PM	File folder	
imaged	19-08-2024 06:43 PM	File folder	
input	25-01-2025 06:32 PM	File folder	
Resume	12-11-2024 07:06 AM	File folder	
Tableau Thank You - DATA with BARAA_fi...	01-12-2024 09:21 PM	File folder	
R	17-11-2024 09:31 PM	PNG File	70 KB
R3827124102100749787	21-10-2024 04:00 PM	Chrome PDF Docu...	104 KB
Tableau Thank You - DATA with BARAA	01-12-2024 09:21 PM	Chrome HTML Do...	245 KB
WK6_Confidence_building_1	11-11-2024 05:45 PM	Chrome PDF Docu...	80 KB

input Properties

General

Sharing

Security

Previous Versions

Customize

Network File and Folder Sharing

input Shared

Network Path: \\SAKTHIVEL\input

Share...

Advanced Sharing

Set custom permissions, create multiple shares, and set other advanced sharing options.

Advanced Sharing...

Password Protection

People must have a user account and password for this computer to access shared folders.

To change this setting, use the [Network and Sharing Center](#).

Close

Cancel

Apply

11 items | 1 item selected |

Entrti

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📱 🔍 Search

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📶 📶 📶 📶

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Author

Triggers

Global parameters

Data flow libraries

Security

Credentials

Customer managed key

Outbound rules

Linked services

Linked service defines the connection information to a data store or compute. [Learn more](#)

+ New

Filter by name

Annotations : Any

Showing 1 - 5 of 5 items

Name	Type
ls_abs	Azure Blob Storage
ls_adls	Azure Data Lake Storage
ls_aks	Azure Key Vault
ls_asdb	Azure SQL Database
ls_Onprem_SqlServer	SQL server

New linked service

File system [Learn more](#)

Name *
ls_Onprem_FileServer

Description
This linked Service is Going to Connect with On-premises Local storage file system to Azure Cloud Storage

Connect via integration runtime * ⓘ
shIR

Host * ⓘ
\\SAKTHIVEL\input

User name *
Sakthivel

Password Azure Key Vault

AKV linked service * ⓘ
ls_aks

Secret name * ⓘ
Onpremsqlserver-pwd

Connection successful

Create Back Test connection Cancel

adf.azure.com/en/authoring/dataset/ds_FileSystem?factory=%2Fsubscriptions%2Fcb5aa32f-596d-4042-b541-07ac75597efe%2FresourceGroups%2FRG%2Fproviders%2FMicrosoft.DataFactor...

TranslateQuickRef.ME - Quic...Python Tutorial: Lea...W3Schools PathfinderLearn SQL - Online...DBMS Keys: Primary...Microsoft Certified...Excel Practice Onlin...

Microsoft AzureData Factoryadf-sakthiSearch factory and documentationsakthi.97@outlook.com

»Data FactoryValidate allPublish all7

Preview experienceOff

Factory Resources

Filter resources by name

Pipelines1

pl_data_copy_Onprem_to_adls

Change Data Capture (preview)0

Datasets3

ds_adls

ds_FileSystem

ds_OnPrem_SqlServerTable

Data flows0

Power Query0

ds_adlsds_OnPrem_SqlServe...pl_data_copy_Onpr...ds_FileSystem

DelimitedTextds_FileSystem

ConnectionSchemaParameters

Linked service *Is_Onprem_FileServerTest connectionEdit+ NewLearn more

Connection successful

Integration runtime *shIREdit

File path\\SAKTHIVEL\input / Directory / cust1.csvBrowsePreview data

Compression typeNo compression

Column delimiter ①Comma (,)

Row delimiter ①Default (\r,\n, or \r\n)

Encoding ①Default(UTF-8)

Quote character ①Double quote (")

Escape character ①Backslash (\)

Search

3

45

ENG IN06:40 PM25-01-2025

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Data Factory

Validate all

Publish all 7

Preview experience

Off

Factory Resources

Filter resources by name

Pipelines1

pl_data_copy_Onprem_to_adls

Change Data Capture (preview)0

Datasets3

ds_adls

ds_FileSystem

ds_OnPrem_SqlServerTable

Data flows0

Power Query0

ds_adls

ds_OnPrem_SqlServe...

pl_data_copy_Onpr...

ds_FileSystem

Validate

Debug

Add trigger

Copy data

Copy data from FileSystem to Adls

Parameters

Variables

Settings

Output

Pipeline run ID: ed99de37-5e34-4ca3-992c-1d1604390c74

Pipeline status Succeeded

View debug run consumption

Monitor in Azure Metrics

Export to CSV

Showing 1 - 1 of 1 items

Activity name	Activity st...	Activit...	Run start	Duration	Integration runtime	User pr...
Copy data from FileSystem to Adls	Succeeded	Copy data	1/25/2025, 6:43:44 PM	20s	shIR	

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Dashboards

Runs

Pipeline runs

Trigger runs

Change Data Capture (previ...

Runtimes & sessions

Integration runtimes

Data flow debug

Notifications

Alerts & metrics

Integration runtimes

AllSelf-HostedAzureAzure-SSISAirflow

RefreshEdit columns

Time zone : Chennai, Kolkata, Mumbai, New ...

Showing 1 - 2 of 2 items

Name ↑↓	Type ↑↓	Sub-type ↑↓	Status ↑↓	Region ↑↓	Created on ↑↓
AutoResolveIntegrationRunti...	Azure	Public	Running	Auto Resolve	---
shIR	Self-Hosted	---	Running	---	1/25/2025, 2:32:40 PM

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Home

Runs

1

Pipeline runs

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Change Data Capture (previ...

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Runtimes & sessions

Integration runtimes

Data flow debug

Notifications

Alerts & metrics

Pipeline runs

Triggered Debug

Rerun

Cancel options

Refresh

Edit columns

List Gantt

Filter by run ID or name

Chennai, Kolkata, Mu... : Last 24 hours

Pipeline name : All

Status : All

Add filter

Copy filters

Export to CSV

Showing 1 - 5 items

Last refreshed 0 minutes ago

<input type="checkbox"/>	Pipeline name ↑↓	Run start ↑↓	Run end ↑↓	Duration	Status ↑↓	Triggered by	Run ID
<input type="checkbox"/>	pl_data_copy_Onprem_to_adls	1/25/2025, 6:43:42 PM	1/25/2025, 6:44:05 PM	23s	✔ Succeeded	Manual trigger	ed99de37-5e34-4ca3-9
<input type="checkbox"/>	pl_data_copy_Onprem_to_adls	1/25/2025, 6:42:28 PM	1/25/2025, 6:42:47 PM	20s	✖ Failed ⓘ	Manual trigger	087d1529-f065-40b8-8
<input type="checkbox"/>	pl_data_copy_Onprem_to_adls	1/25/2025, 5:55:51 PM	1/25/2025, 5:56:18 PM	28s	✔ Succeeded	Manual trigger	30c361de-521d-4c0a-8
<input type="checkbox"/>	pl_data_copy_Onprem_to_adls	1/25/2025, 5:37:10 PM	1/25/2025, 5:37:35 PM	25s	✖ Failed ⓘ	Manual trigger	ab012a3b-e46e-42a2-a
<input type="checkbox"/>	pl_data_copy_Onprem_to_adls	1/25/2025, 5:21:26 PM	1/25/2025, 5:22:19 PM	54s	✔ Succeeded	Manual trigger	d81704d5-fd49-46d9-a

Home > adlssakthi | Containers >



output

Container



»

⬆️ Upload

⊕ Add Directory

🔄 Refresh

|

🔄 Rename

🗑️ Delete

↔️ Change tier

🔗 Acquire lease

🔗 Break lease

🗣️ Give feedback

Authentication method: Access key ([Switch to Microsoft Entra user account](#))
Location: output

Search blobs by prefix (case-sensitive)

●

Show deleted objects

Name	Modified	Access tier	Archive status	Blob type	Size	Lease state	
<input type="checkbox"/> 📄 bank_loan_data.csv	25/1/2025, 5:22:15 pm	Hot (Inferred)		Block blob	12.11 MiB	Available	...
<input type="checkbox"/> 📄 cust.csv	25/1/2025, 6:44:01 pm	Hot (Inferred)		Block blob	1.7 KiB	Available	...
<input type="checkbox"/> 📄 custom.csv	25/1/2025, 5:53:49 pm	Hot (Inferred)		Block blob	70 B	Available	...