**Environmental Setup**

1. On-Premises Database Configuration

* Create login credentials.

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| --- |
| CREATE LOGIN akshay WITH PASSWORD = 'password123';  create user akshay for login akshay; |
|  |

* Query to fetch the all the table names from the database.

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| --- |
| SELECT s.name AS SchemaName, t.name AS TableName FROM sys.tables t INNER JOIN sys.schemas s ON t.schema\_id = s.schema\_id WHERE s.name = 'SalesLT' |
|  |

* On-Premises database up and running

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| --- |
| SELECT  \*  FROM  SalesLT.Product |
|  |

1. Create AZURE DATA FACTORY resource in Azure Portal

A computer screen shot of a computer

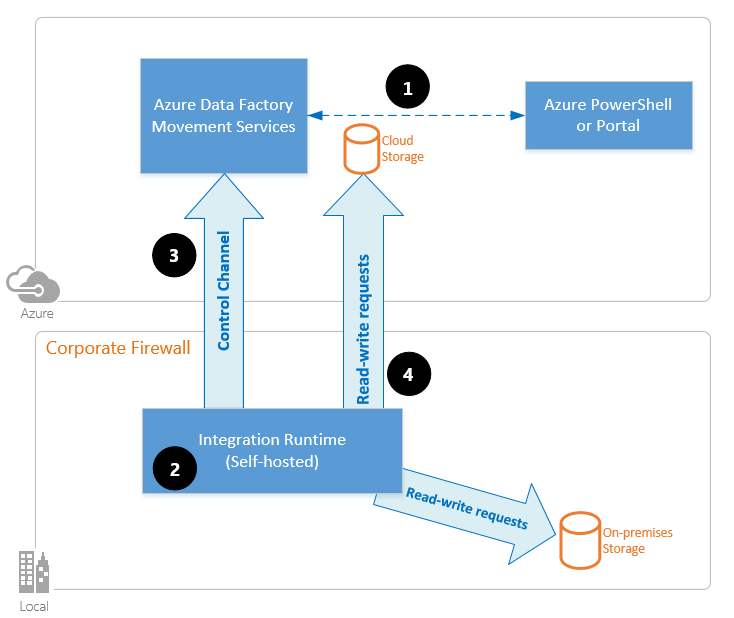
Description automatically generated

Please follow the Microsoft documentation : <https://learn.microsoft.com/en-us/azure/data-factory/tutorial-copy-data-portal#create-a-data-factory>

1. Create and configure a self-hosted integration runtime.

A self-hosted integration runtime can run copy activities between a cloud data store and a data store in a private network.

A self-hosted integration runtime is a component that allows Azure Data Factory to securely access data resources within a corporate network or a private network. It serves as a bridge between cloud-based data integration services and on-premises or private network data sources.



This setup allows Azure Data Factory to securely access and move data from on-premises or private network sources to cloud-based data stores, or vice versa, while maintaining control and security within the corporate network environment.

For More Details, please visit Microsoft Documentation : <https://learn.microsoft.com/en-us/azure/data-factory/create-self-hosted-integration-runtime?tabs=data-factory>

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| self-hosted integration runtime, up and running on on-premises machine |
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