

Assignment(Devops)

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Batch-Data Engineering(Batch-1)

Azure Synapse Analytics, formerly known as Azure SQL Data Warehouse, is a cloud-based analytics service provided by Microsoft Azure. It's a unified analytics platform that integrates enterprise data warehousing and big data analytics. Azure Synapse aims to streamline the process of ingesting, preparing, managing, and serving data for immediate business intelligence and machine learning needs.

Hands On :

How Azure Synapse can be used to manage all the services linked with with same workspace and resource group.

Not only just for Analytics purpose but also for managing the data sources, manipulation of the data, connecting the resources and managing it Azure Synapse can be used.

Creating Account :

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Create Synapse workspace

Validation succeeded

Workspace name	(new) azuresynapseworkspace1064
Data Lake Storage Gen2 account	https://workspace1064.dfs.core.windows.net
Data Lake Storage Gen2 file system	datalaketest1064
Managed resource group	None
Role assignments	The Storage Blob Data Contributor role will be assigned on the specified Data Lake Storage Gen2 account to both the workspace managed identity and the current user.

Security

Authentication method	Use both local and Microsoft Entra ID authentication
SQL Server admin login	sqladminuser
SQL Password	Auto-generated
Double encryption	No

Networking

Managed virtual network	No
Allow connections from all IP addresses	Yes

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Deployment

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Deployment is in progress

Deployment name : Microsoft.Azure.SynapseAnalytics-20240228082823 Start time : 2/28/2024, 8:30:16 AM
Subscription : Azure subscription 1 Correlation ID : cb7c27e9-c411-4148-815b-7a93d3447924
Resource group : Test1064

Deployment details

Resource	Type	Status	Operation details
There are no resources to display.			

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Deploying Azure Synapse :

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Your deployment is complete

Deployment name : Microsoft.Azure.SynapseAnalytics-20240228082823 Start time : 2/28/2024, 8:30:16 AM
Subscription : Azure subscription 1 Correlation ID : cb7c27e9-c411-4148-815b-7a93d3447924
Resource group : Test1064

Deployment details

Next steps

Go to resource group

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Connecting and working on resources :

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Resource group

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Create Manage view Delete resource group Refresh Export to CSV Open query Assign tags Move Delete Export template

Essentials

Resources Recommendations (1)

Filter for any field... Type equals all Location equals all Add filter

Showing 1 to 14 of 14 records. Show hidden types

No grouping List view

Name	Type	Location
adls10test1	Storage account	East US
adlsinput1064	Storage account	East US
adlsoutput1064	Storage account	East US
azuresynapseworkspace1064	Synapse workspace	East US
boltoadls1064	Data factory (V2)	East US
etlstorageadls2	Storage account	East US
etlteststorageaccount1	Storage account	East US

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