

Azure Synapse Analytics



Paul's view on features.

As of 28th May 2021

Summary

= 4
 = 7
 = 3

Capability	Feature	Status	Narrative	Updates
Primary	Workspace		Deployment approach needs custom build. Security model roles still in preview.	
	Data Lake Storage		Consider permissions and integration if used as the metadata store and main data store.	
	Power BI Integration		Workspace integration unstable. Disconnected DevOps. No cross tenant support.	
	Spark Compute Pools		Now using Spark 3.0. Cluster currency/stability/cost. Delta Optimize missing.	
	SQL On-Demand		Delta Tables now supported. SQL requests available via monitoring page.	
	SQL Pools (SQLDW)		Concurrency limits for resource classes still apply. docs.microsoft	
	Data Flows		Uses Spark compute pools. New transforms added. Feature parity with ADF.	
	Integration Pipelines		Linked Hosted IR's missing. No SSIS Support.	
Secondary	Management API		Lots of methods missing. Incomplete permissions model.	
	.NET SDK		NuGet still in Beta, new Beta version added. Classes missing from Namespace.	
	Monitor & Diagnostic Settings		Still don't have a complete set of logs compared to dedicated resource capabilities.	
	VNet Integration		Need to test full connectivity for all underlying parts of Synapse and check Firewall context.	
External	Synapse Link		New ComosDB instances only. Not all ComosDB API's types supported.	
	Purview		Still in preview. Roadmap unclear.	