The Future of SQL is Hybrid!

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Please Talk Data To Me

FindingData Friends

Data uncut

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NEW STARS OF DATA

MICROSOFT PROFESSIONAL PROGRAM

Data Science
Big Data
Artificial Intelligence
Data Analysis

PLURALSIGHT

Apress®

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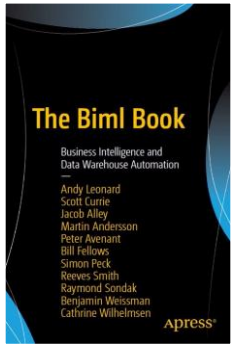
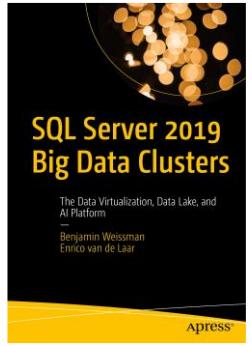
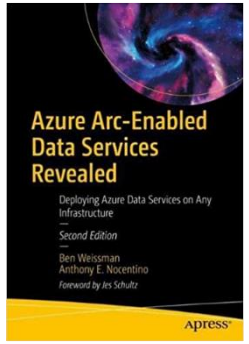
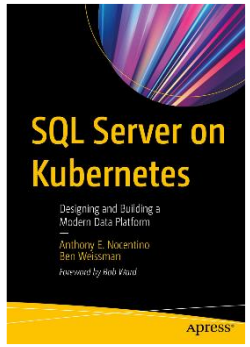
Certified Data Vault Modeler

Check on your HAPPY friends





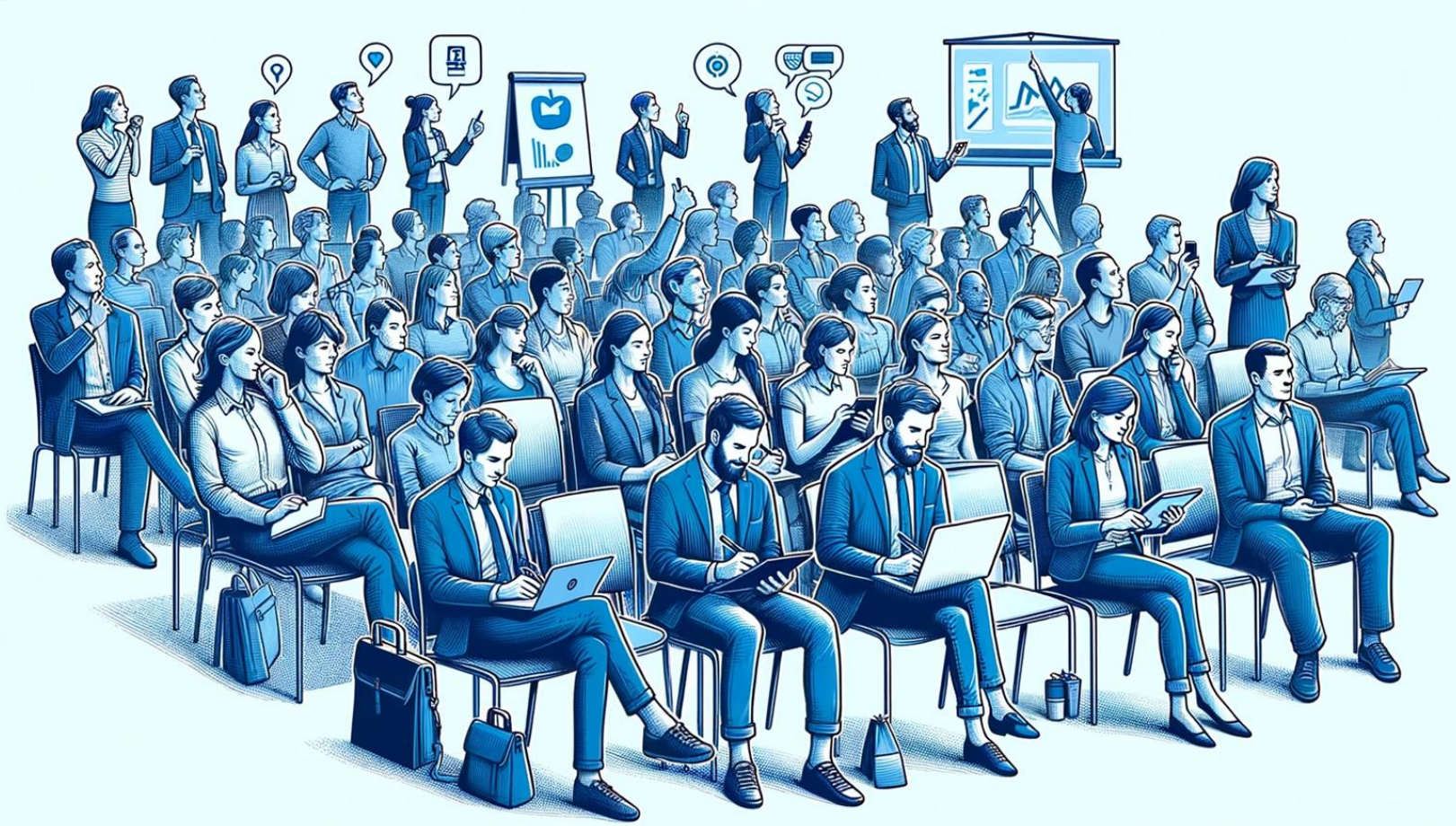




Ben Weissman (he/him)

NEW STARS OF DATA

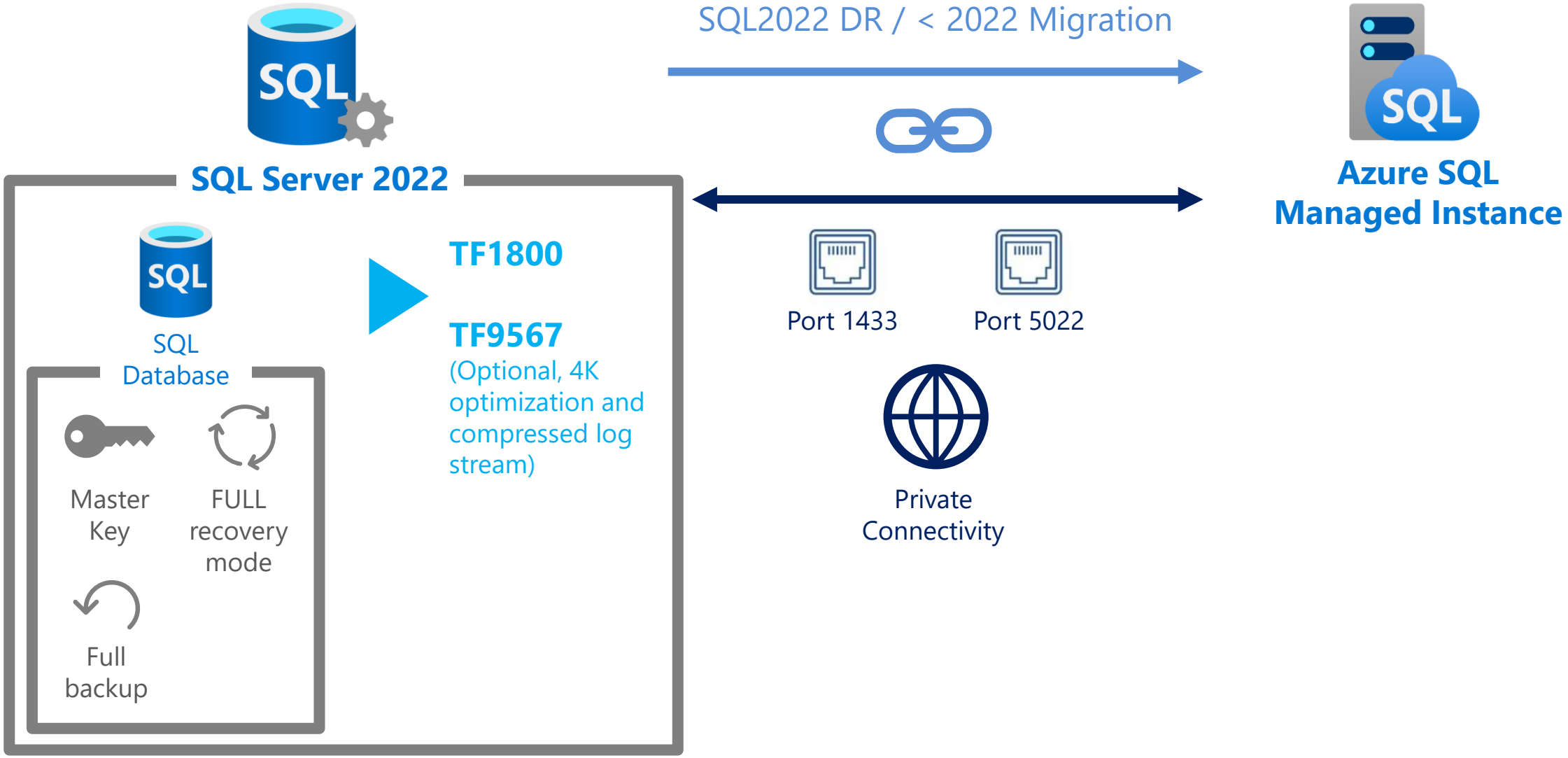
All ways to share your thoughts, communicate and learn are welcome!



Created by DALL-E, inspired by Lisa Hoving and https://www.facebook.com/lilpenguinstudios/

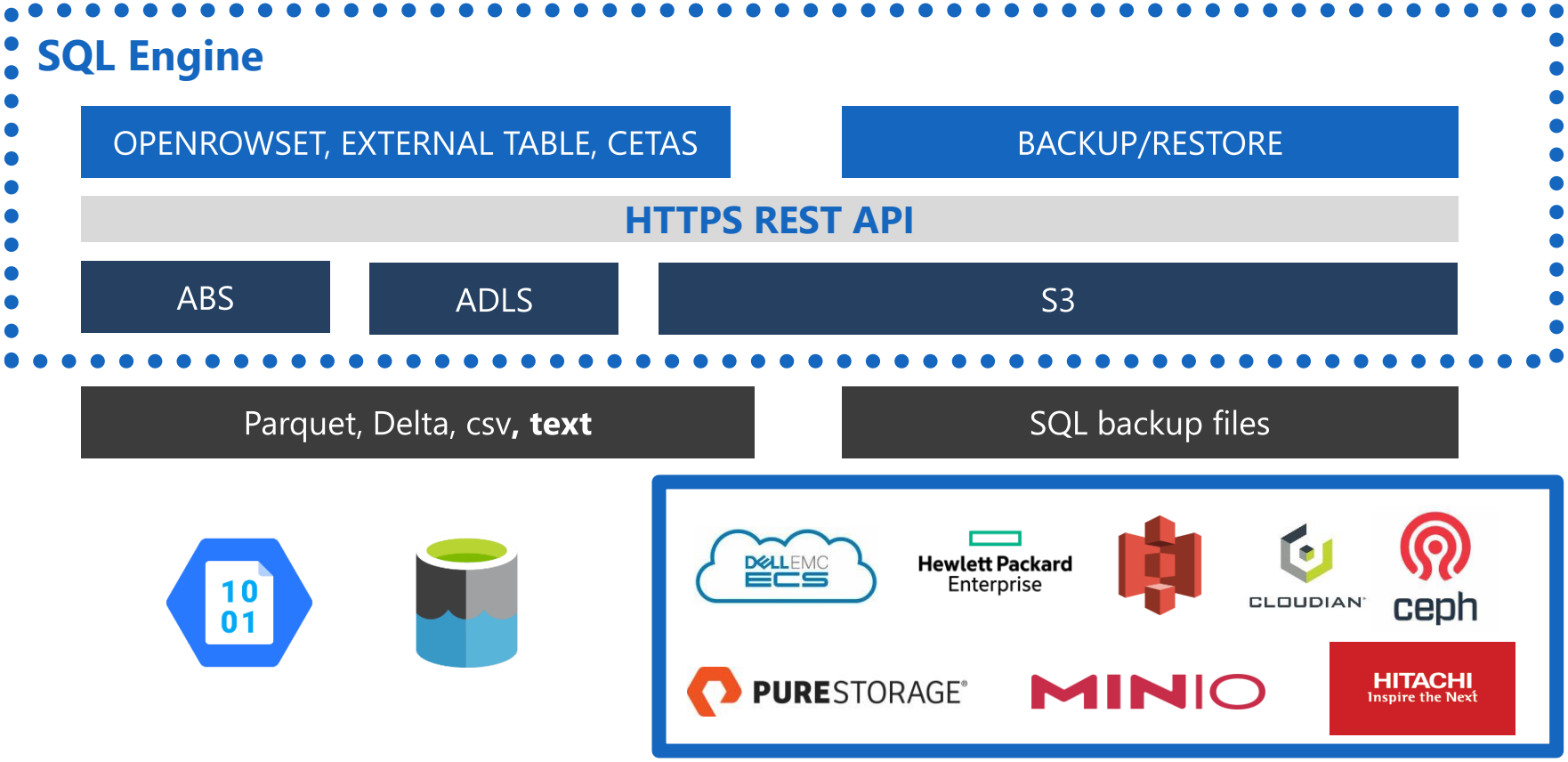
Hybrid Features in SQL Server 2022

Azure SQL Managed Instance – MI Link



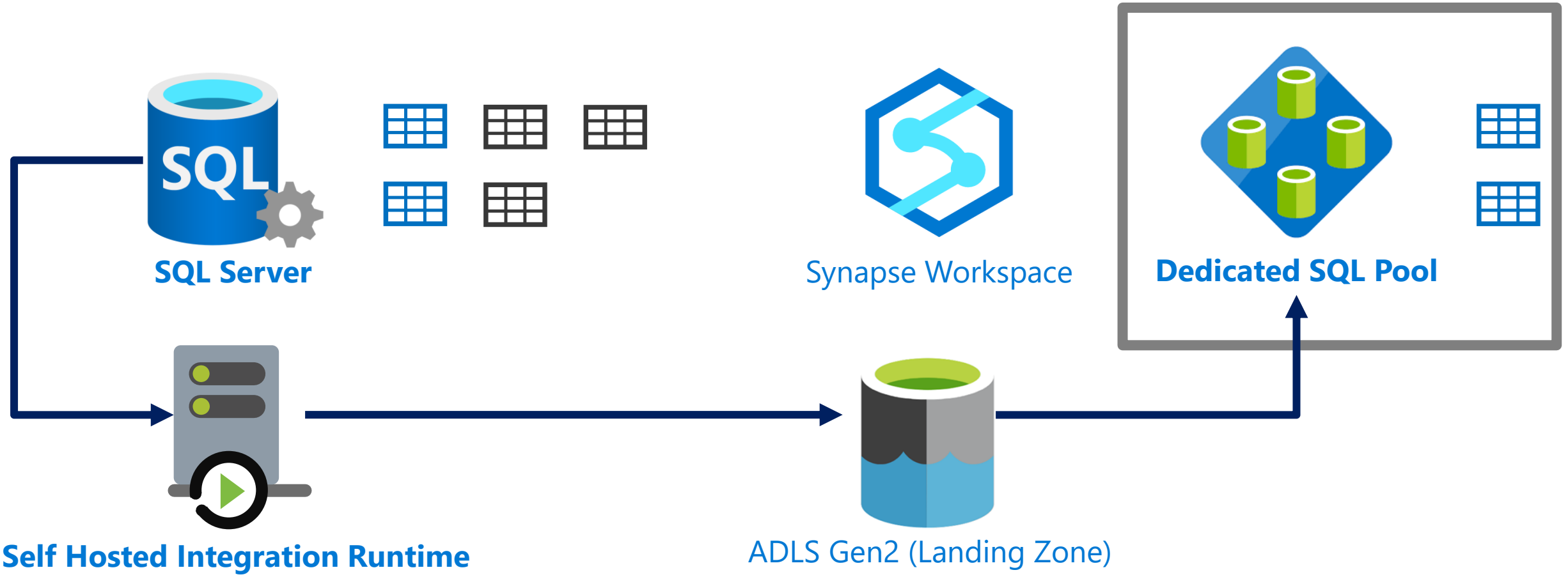
Data Virtualization and Object Storage

Directly access any data on object storage



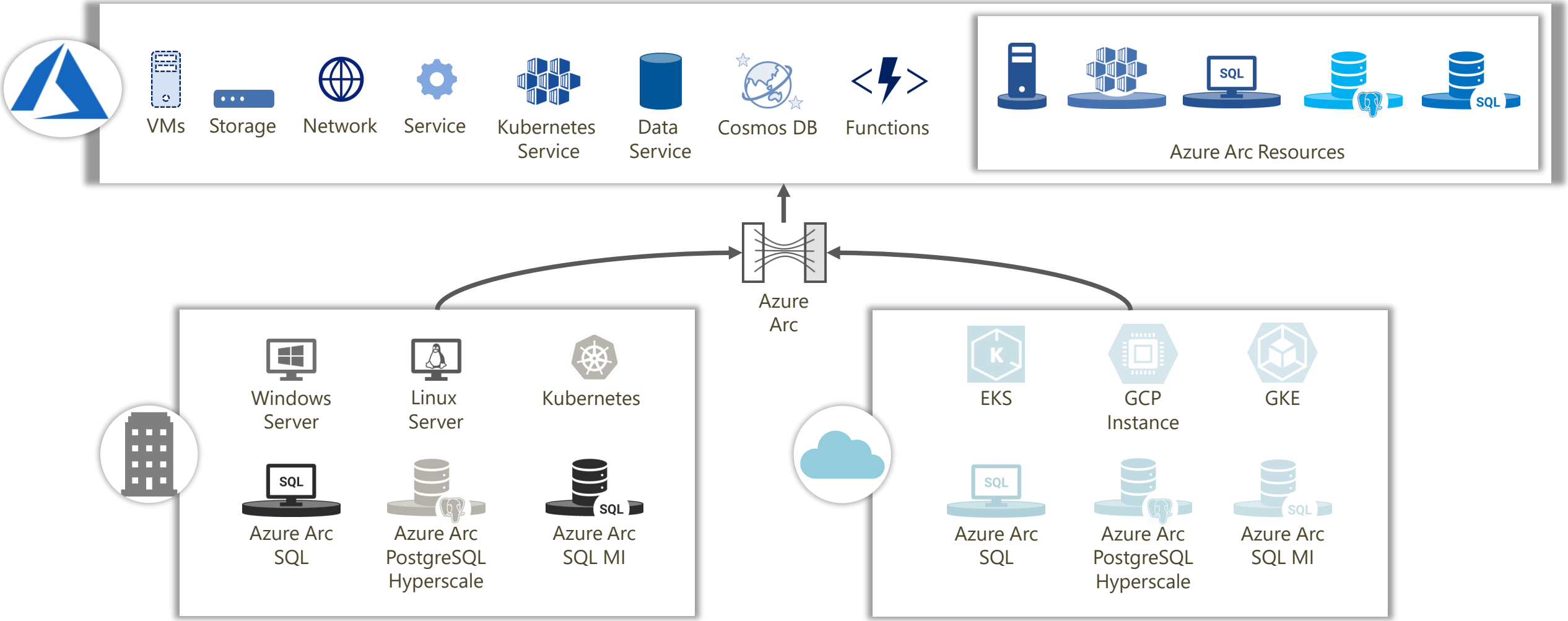
Azure Synapse Link for SQL Server

This is not the default storage of your Synapse Workspace!



My Resources Are Everywhere

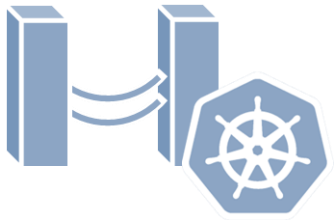
What's Azure Arc



Azure Arc Offerings

Arc-enabled Servers

SQL Server enabled by Azure Arc



Azure Arc-enabled Kubernetes

Azure Arc-enabled Data Services

Azure Arc-enabled Machine Learning

...

Azure Arc Offerings

Central Control Plane

Azure Arc-enabled Servers

SQL Server enabled by Azure Arc

Azure Arc-enabled Kubernetes

Deploy Azure Services anywhere

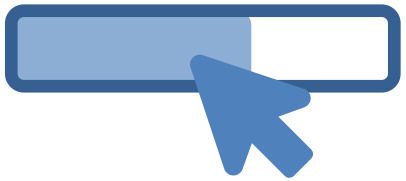
Azure Arc-enabled Data Services

Azure Arc-enabled Machine Learning

Azure Arc-enabled Kubernetes

Azure Arc-enabled Kubernetes

Onboarding

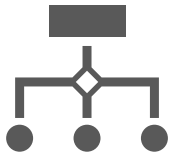


Arc Agent for Kubernetes

(Custom Location)

Features

Configuration

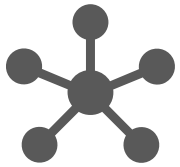


Deployment

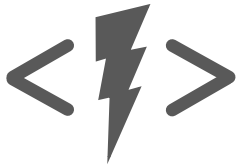
Policy Management

Monitoring

Threat Protection

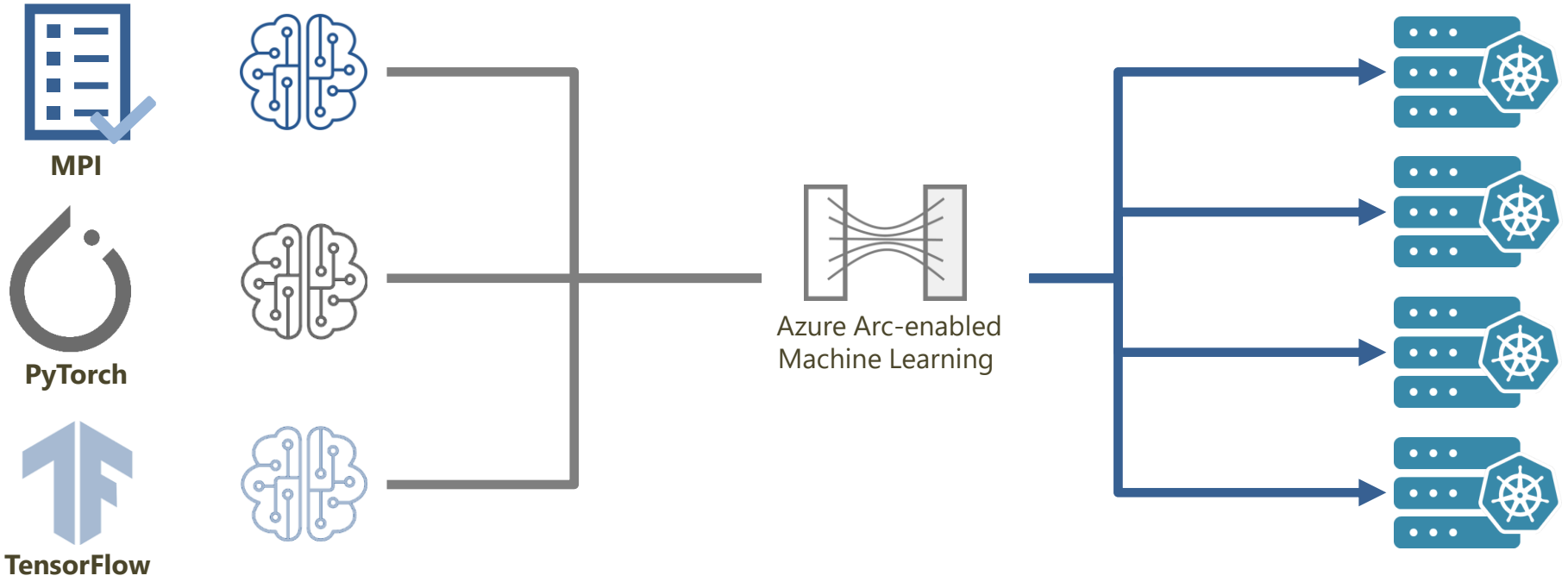


Event Grid



Functions

Azure Arc-enabled Machine Learning



Azure Arc-enabled Data Services

Data Services

DevOps Pipelines

Azure Arc-enabled PostgreSQL

Azure Arc-enabled SQL MI

AD Authentication

AD Controller

Kafka

Elasticsearch

Monitoring

Grafana

OpenSearch

Azure Monitor

Telemetry Router

Deployment Tools

az CLI

kubectl

Azure Data Studio

Azure Arc Data Controller

Direct

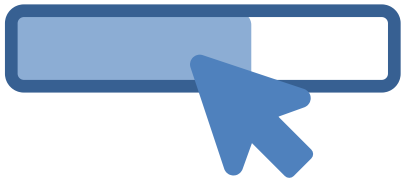
Indirect

Cluster

Azure Portal

Azure Arc-enabled Server

Onboarding

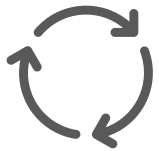


Azure Connected Machine Agent

Monitoring Agent Extension

Features

Configuration



Report Configuration Changes

Policy Management

Monitoring

Threat Detection

SQL Server enabled by Azure Arc

Onboarding

Azure Arc-enabled Server

SQL Server
Instance Discovery

Features

Monitoring

Advanced Data Security

Best Practice Assessment

Entra Authentication

Pay as you go billing

Automatic Patching

Automated Backups

Availability Groups

Governance

Performance Dashboards

Migration Assessment

Demo
SQL Server enabled by Azure Arc

Thank you! Questions?

Any Questions?

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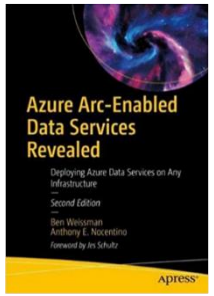

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