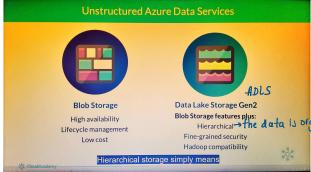
Using Azure Data Lake Storage Gen2

Friday, January 6, 2023 7:29 PM

Overview



In fact, one common set up is to process data in the data lake. and then export it to the data warehouse.



apris is built on Blob storage, to get the best of both worlds.

Blob Storage features plus:
Hierarchical - the data is organized into a tree of folders and files.

Fine-project security.

Azure Data Lake Storage (ADLS) True hierarchical filesystem In Blob Storage, folders are just naming conventions ADLS is designed to perform operations on folders quickly Fine-grained security Set permissions at individual file level (APLS) Can replace Hadoop Distributed File System (HDFS) Use Spark on Azure Databricks to process data on ADLS

For Blob storage to operate on a simulated folder, it has to perform a separate operation on each file.

>BS con only restrict access at the container level, rather than at the individual blob level.

Directory (-> Folder

confainer = tilesystem

BS ADLS perfectal

ADLS can seamlessly integrate with the huge evosystem of tadoop Sw.

Security



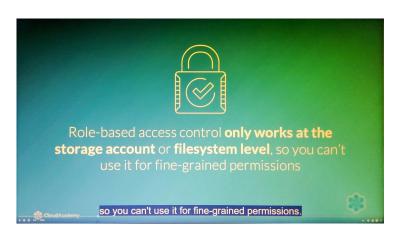


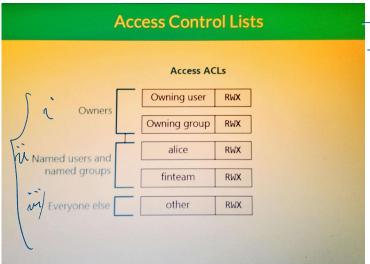






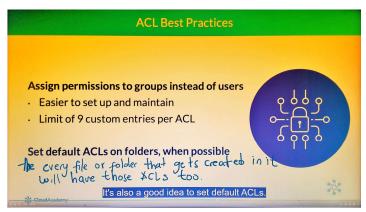


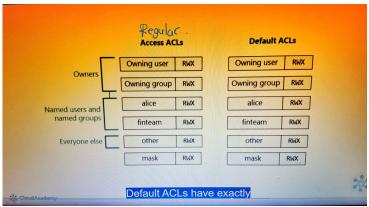




> to handle permissions for files and folders > tach entry in an ACL specifies the read, write and execute permissions for a specific user or group.







III) Network Isolation: you can actually set up a frewall just for your databake.

IV) Encryption: data perotected (in transint - or not in transit)

with Azure Storage Encryption or your own

U) Defender: potential maliaious

vi) Auditory: Activity log.

Ingesting

