DP201 - Designing an Azure Data Platform Solution

Lab 4 – Azure Security Design Considerations

Exercise 2

Task 1: Identity Management

Use the table below to document the primary authentication and access mechanism for each technology that is used to meet an AdventureWorks requirements.

Below are some examples of the requirements that could be identified.

Technology	Requirement	Primary Authentication
Azure Blob	Website image storage	Shared Access Signatures
Data Lake Store Gen II	Staging Data for Data Warehouse and Databricks	Azure Active Directory
SQL Database	Current Sales /Ordering System	SQL Authentication
Data Warehouse	Historical reporting and descriptive analytics	Azure Active Directory
Cosmos DB	Storage and access of Bot conversation data	Resource Tokens
Databricks	Used to perform predictive analytics	Token based authentication
Event Hubs	Used to captured social media data	Shared Access Policies