# **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 |