# **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.

|  |  |  |
| --- | --- | --- |
| **Technology** | **Requirement** | **Primary Authentication** |
| API Management | 3rd party companies need to access IoT Data of customers | Azure B2C |
| Azure Synapse | Historical reporting and descriptive analytics | RBAC with Azure AD |
| 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 |
| 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 |