# **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** |
| Web applications | Encryption in transit | SSL |
| data storage accounts | Role based auth. Managed accounts | AAD / SAS |
| Reporting/Analysis | Role based auth. Managed accounts. Azure key vault / secrets (PowerBI workspace permissions) | AAD |
| Chatbot | User authentication. SSO w/ front end site. | SSO / AAD |
| Connected Bicycle / Maintenance Svc’s | Encryption in transit + SSL between 3rd parties and azure. Managed accounts. | AAD/SSL |
| Database access | Role based auth. Managed accounts. Encrypting databases | AAD / Login & user access |
|  |  |  |