# **DP201 - Designing an Azure Data Platform Solution**

## Lab 4 – Azure Security Design Considerations

**Exercise 1**

**Task 1: Defence in depth approach**

Use the table below to document the security requirements for AdventureWorks. You can use requirements as identified from the AdventureWorks case study. You should also suggest security requirements that are missed but should be considered to ensure that AdventureWorks has proper security coverage.

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| --- | --- |
| Requirement | Defence in Depth Category |
| Role based access control to storage accounts and azure services | Application/Data/Compute |
| Authentication done w/ Azure Active Directory | Policies/Access |
| Web application security / Chatbot / front facing | Network / Perimeter / App |
| Encryption of all data in the datawarehouse and ordering system backend | Data / Application |
| SSL/TLS encrypted sessions | Application |
| DDoS protection for web applications | Network / Perimeter |
| Data governance for the connected bicycle data (1st + 3rd ) | Policies and Access / Physical |
| Ordering System credit card encryption (column level encryption) | Data |
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