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

## Lab 5 – Designing for Scale and Resiliency

**Exercise 1**

**Task 1: Adjust workload capacity by scaling**

Use the table below to document the scale requirements for AdventureWorks. The choice should be justified, and scale units should also be measured.

|  |  |  |
| --- | --- | --- |
| Service to Scale | Justification | Scale Units |
| Azure SQL Database | Much bigger load during November / December due to increased customer demand straining the application Database. | RTU or VCore |
| Cosmos DB | Much bigger load during November / December due to increased customer demand straining storage of Chat History | RU’s |
| Synapse | Much bigger load during November / December due to increased customer demand putting increased Batch processing times on the DWH as well as in Real time requirements. | DWU |
|  |  |  |