

## 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.

Below are examples of the requirements that could be identified.

| Service to Scale         | Justification  | Scale Units |
|--------------------------|--|-------------|
| Azure SQL Database       | For the Current Sales / Ordering system. Due to global expansion and data governance requirements, AdventureWorks will transition this system to better serve their customers and will be looking for global availability. | DTU         |
| Azure SQL Data Warehouse | For the historical reporting system. The CTO expects that the same level of performance is also achieved in November and December when data volumes typically increase.  | DWU         |
| Azure Cosmos DB          | Customer Service / Presales Bot. The customer service / presales chat bot needs to respond to requests for data in near real-time regardless of where the customer is located.   | RTU         |