# **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** |
| AdventureWorks Web App | From November to December, AdventureWorks receives more traffic | Scale Up, Autoscaling |
| Blob Storage containing the Website Images | From November to December, AdventureWorks receives more traffic then usual, being able to retrieve data faster in this scenario would be great | Azure Cache for Redis |
| Azure Synapse Analytics | In order to process more traffic with high availability globally during peak terms | SSD Disk, increasing the number of DWUs |
| Azure Cosmos DB | In order to process an increasing number of request coming from the Connected Bicycles | Increasing the number of RUs/s |