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

## Lab 5 – Designing for Scale and Resiliency

**Exercise 2**

**Task 1: Design for optimized storage and database performance**

Backup

DR

High Availability – redundância

Logs de monitoramento

Múltiplas instâncias

Use the table below to document the storage and database optimizations for AdventureWorks. The choice should be justified.

|  |  |  |
| --- | --- | --- |
| Service | Feature | Justification |
| SQL DW = Synapses Analytics | Adjust Workload **Capacity** by **Scaling**  Design for **Optimized Storage and Database**  **Optimize Network Performance**  **Performance Identify Performance Bottlenecks** | * Aumento da demanda/workload em Novembro e Dezembro; |
| CosmosDB | Definir as partitions estrategicamente | * Independentemente de onde esteja o cliente, os dados precisam ser entregues asap quase real-time |
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