DP201 - Designing an Azure Data Platform Solution

Lab 6 – Designing for Efficiency and Operations

Exercise 2

Task 1: Use Monitoring and Analytics to Gain Operational Insights

Use the table below to document the Monitoring approach that should be adopted by AdventureWorks. The choice should be justified.

Below are examples of the requirements that could be identified.

#	Monitoring Type	Technology	Justification
1	Core Monitoring	Azure Monitor	The core monitoring of the Azure platform to be provided by Azure Monitor. You can get at-a-glance reporting on the health and performance of all your cloud resources, from virtual machines to applications to individual lines of codes in the applications. You can also use this as the basis for establishing baselines for the services within Azure.
2	Core Monitoring	Azure Service Health	This is the best place to look for service impacting communications about outages, planned maintenance activities, and other health advisories
3	Deep Infrastructure Monitoring	Log Analytics	Enables you to perform in-depth analysis of specific services within Azure. Use Log Analytics in the Azure portal to write log queries and interactively analyze log data using the powerful Data Explorer analysis engine. It is also integrated into Azure Monitor.
4	Deep Application Monitoring	Application Insights	You can use this to monitor applications and its usage. It enables developers and data engineers to understand application usage patterns. It is also integrated into Azure Monitor.