Azure Datapath

What is Azure Datapath?

Azure Datapath is a service provided by Servent to help accelerate your data journey to a cloud-scale analytics solution.

A challenge for many organisations on their cloud journey is how to efficiently assess, migrate, integrate and process large amounts of disparate data within Azure, and how to complete these activities in a secure and streamlined manner.

The Azure Datapath builds on top of the Microsoft Cloud Adoption Framework whilst applying our Well-Architected framework lens.

Solution

The tools we use are categorised into three specific areas: **data assessment, data integration, data processing** and **workload optimisation**.

Azure Datapath ensures that all your data sources and the underlying data are moved, integrated, processed, visualised and optimised in the most efficient manner possible.

Benefits

- Minimal downtime migrations
- Low cost scalable storage
- Automate data preparation
- Minimal downtime migrations
- Interactive analytics dashboards

The **Journey to a Cloud Scale Analytics Solution** is our proven approach to moving and re-platforming customers to Azure. **Azure Datapath** is an offering which is part of this approach, built from many years' experience of moving customers to the cloud.

With **Azure Datapath** we adopt a four-phase approach, as shown below.

Data Assessment – we will assess your organisations overall data maturity, workload compatibility, security requirements and a platform modernisation plan.

Data Integration – is the process of profiling and integrating source data with Azure in a secure, methodical and structured manner. Integration patterns are identified and re-platformed in Azure.

Data Processing – is the stage where your data is cleansed and curated into a unified format for downstream services to consume and modelled into an efficient format for maximum performance.

Workload Optimisation – gain insights into your data and Azure infrastructure with the in-built monitoring features and optimising workloads. Interactive Power Bi dashboards for business insights.

In this datasheet we will break down each of the core **Azure Datapath** components as detailed above.

Read on to understand how our **data assessment**, **data migration** and **data synchronisation** solutions can help ensure a smooth **Journey to a Modern Data Platform** for your organisation.

Azure Datapath from Servent helps assess and migrate workloads to Azure. The Azure Datapath workflow migrates data from many different sources to the Azure platform in a secure, managed, end-to-end process.

Migration of data to Azure is perceived to be a very simple task. For simple workloads this may be the case, but for more complex workloads it's certainly not. As part of the Journey to a Cloud-scale analytics solution, we use many tools and processes to simplify migration activities.

Data Assessment & Compatibility

We assess your workloads and determine whether they are in state ready for migration to Azure, or whether they perhaps require remediation prior to migration.

Workload Discovery & Sizing

So, you don't know what workloads you have or what size they are? That's fine.

We can help identify your virtual workloads and ensure that they are right-sized for Azure and ensure you're not paying for cloud resources you do not require.

Platform Modernisation Plan

Based on design and discovery sessions, we build a detailed plan to assist you in your journey to a cloud-scale analytics solution giving you visibility of the requirements and providing guidance.

Data Integration

Data integration refers to the process of combining data from multiple sources into a single, coherent view.

Azure provides a variety of tools and services for data integration, enabling you to combine data from different sources.

Data Processing

Data processing refers to the process of collecting, storing, manipulating, and analysing data.

We automate data processing for downstream consumers of data, removing technical debt from development teams.

Workload and Cost Optimisation

We optimize the performance and efficiency of workloads running in the Azure cloud platform post deployment.

We ensure the right-sizing or resources so that they are appropriately sized to meet the workload demands, without over or under-provisioning.

We focus on reducing the amount of money you spend on your Azure resources while still meeting your business and technical requirements.

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