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Cloud Data Warehouse Readiness Solution

Accelerated Cloud Migration Journey

Enterprises have an increased need for data availability on a scalable, elastic and low cost storage and are consequently steering towards cloud adoption. For certain regulation intensive industries, big data continues to be the go-to option.

CHALLENGES

- Data security and governance concerns for transfer and storage on cloud
- High TCO and extensive timeliness for cloud migration
- Lack of understanding of existing database/ data warehouses

IDEAL SOLUTION

Accelerates migration to cloud or big data platforms while ensuring database/ Datawarehouse optimizations. It is automated, customizable, and facilitates business as usual continuity through the migration.

DESIRED OUTCOMES

- Rapid provisioning with reduced time-to-market
- Lower TCO in terms of optimized license, storage, support etc.
- Improved productivities for the migration process

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Cloud Data Warehouse Readiness Solution (CDRS)

CDRS is a platform and cloud agnostic solution that helps organizations in database and datawarehouse migrations to on premise or cloud storage services in an automated, secured and efficient step-wise manner, served via an easy to manoeuvre, self-service interface.

KEY SOLUTION FEATURES

- Self Service based
- Cloud agnostic
- Built-in reconciliation
- Optimized and secure
- Built-in scheduler

SOLUTION BENEFITS

- 40% reduction in time-to-market
- TCO lowered by over 40% in terms of optimized license, storage, support etc.
- More than 50% savings in migration efforts due to improvement in productivity

MICROSOFT INTEGRATION BENEFIT

- End to end migration friendly technology stack
- Out-of-the-box migration modules to move to Azure ecosystem
- Scalability and ease of integration
- Increased data transfer speeds

Cloud Data Warehouse Readiness Solution on Microsoft Azure

Leveraging the migration friendly Azure technology stack, the solution facilitates both Database and Data Lake Migration. Database migration helps to move data from on-premise legacy databases like oracle, Teradata to PostGreSQL and SQL database on Azure cloud. Azure Blob services are used for staging & archival of data.

Azure Data Lake Migration from Gen1 to Gen2

Moves data of all formats from ADLS Gen1 to Gen2 using Azure Data Factory jobs

Teradata to Azure SQLDB

Extracts data from Teradata, stages it in Azure Blob and finally loads in Azure SQL DB

Oracle to Postgres

Migrates data and user (role & privileges) from Oracle to Postgre while staging in Blob. Migration scripts can be downloaded for execution in the production server.

SQL server/Teradata to Azure SQL & Synapse

SQL server as source and Synapse as target are not available.

Customer Success: Oracle to PostgreSQL Transformation Solution

This solution automates the migration by connecting to Oracle database, scanning it automatically and extracting its structure or data. Ora2PG generates SQL scripts that can be loaded to PostgreSQL database. It helps in accelerating migration through generation of assessment report and script.

Enhanced Productivity

70% improvement in Data Migration effort

Seamless conversion

Parallel reading and parallel writing

Easily Customizable

Can easily add new features based on the customer requirement

Intelligent Enterprises powered by Cloud Data Warehouse Readiness Solution

Ask a question via email: gtm-ps@wipro365.onmicrosoft.com

Learn more: https://www.wipro.com/blogs/vinay-phanindra/how-to-make-data-migration-to-the-cloud-fast-and-easy/