



Data Warehouse Cloud Migration Assessment Service

Overview

As you evaluate opportunities to migrate your data and analytics infrastructure to a cloud-based offering, Teleran Services can help you. We begin with a thorough fact-based assessment of how your current on-premises solution is being used through automated usage monitoring, data gathering and analysis. Teleran Services then provides insight and advice regarding:

- Equivalent cloud resources required and projected costs.
- Inefficiencies in your current on-premises environment that can be addressed to lower cloud resource requirements and costs.
- Identifying higher priority migration activities, risks, level of effort, and incremental costs that you can expect.

Teleran will leverage its experience in Oracle, SQL Server, IBM DB2, and Teradata on-premises data and analytics to cloud migrations targeting Azure SQL, Azure Synapse, AWS Redshift, Google BigQuery and Snowflake.

Teleran's Approach

Teleran's data and analytics usage monitoring and analysis capabilities are automated in a non-obtrusive patented software solution. The software gathers key metrics of your on-premises data and analytics environment providing the information needed to accurately estimate the price of running these workloads in the cloud. The metrics gathered identify the following:

- Concurrency and peak usage metrics to project maximum cloud compute resources required.
- Usage of resources and data by user communities for a more granular breakdown of cloud compute resources required.
- Inefficient and broken queries that should be fixed or eliminated.
- Periods of little usage that could enable shutdown of some cloud resources to reduce costs.
- Dormant and duplicate data that need not be migrated to the cloud.

Teleran Services staff uses this data and other information it gathers about the current on-premises infrastructure (hardware and software) as input into your potential cloud vendors' pricing calculators. The factual data gathered enables a more accurate, cost-efficient forecast of projected utilization and costs than traditional manual efforts and guesswork.

Teleran also identifies possible migration issues regarding scripts that are proprietary to the on-premises platform and scripts that need not be migrated because they are no longer used. If a migration strategy needs to be put into place that will be mapped to prioritizing existing and newly generated business requirements, Teleran Services can help by facilitating a separate *Business and Analytics Requirements and Solutions Workshop*.

Teleran's Deliverables

Teleran will work with your team to install its software on your servers. It will run the reports and will gather needed information that it uses as input into the cloud vendors' calculators. You will receive the following as part of this service:

- A summary report of the key metrics that Teleran gathered for your current on-premises data and analytics environment.
- A cost estimate of running your workload in a cloud-based solution including input and assumptions that were made.
- A migration roadmap that establishes the priorities, steps, and level of effort to ensure a lower cost, lower risk migration that meets your business and technical requirements.
- Optimizations and recommendations on how to better streamline your current workload and data footprint for the cloud to ensure lower ongoing cloud costs and overall data warehouse performance and efficiency. This includes identifying problematic scripts and queries that should be fixed prior to migration.

Teleran Service Benefits

Clients have been able to achieve the following:

- More accurate estimates of cloud-based infrastructure costs.
- Lowered cloud costs and improved performance in their cloud-based data and analytics platform by applying fixes that Teleran recommended during the migration.
- Faster time to value by eliminating needless migration of underutilized scripts and data sometimes saving man months of effort.

For More Information

For more information on how Teleran On-premises to Cloud Migration Assessment can help you deliver a cost-optimized cloud-based data and analytics solution, visit www.teleran.com or call 1-973-439-1820.