Datasheet

At GPS we know the dedication required to make parameterization changes in a production environment, and the large amount of manual testing we need to achieve a successful migration / upgrade or change in our Oracle environment. Have a tool that allows us to reproduce and analyze queries in different environments WILL SAVE time for DBA teams and cost and risks for our clients.

GPS Query Performance centralizes the battery of tests necessary to certify the success of any change in the Oracle environment:

- **Application** upgrade, **Oracle** version or **Operating System** change.
- **Code** change in the application, due to new regulations or functionality
- **Data model** modifications: Indexes, partitioning, materialized views
- **Hardware** changes, **patches** or database **parameter** changes.

Strengths

- **Compare** all your **Queries** at once from different metrics.

- Helps you prepare your **Oracle** migrations in a simple and risk-free way.

- Anticipate surprises in go live, monitoring changes in the execution plan and other performance measures.

- Identify queries with problems that allow adjustments to avoid degradations in version upgrades.

- Show detailed reports on the **impact of your changes.**

- **Save time and TCO** with a simple license.

¿How does Query-performance work?

¿How does QP collect the queries and their performances? **GPS-QP** can collect the queries and the statistics of its executions from the following sources:

- **Memory.** From here we can get the number of executions, time, disk Reading, etc.
- **AWR**. From these interval-scheduled captures, we will be able to get the heaviest queries that have been executed in that time slot.
- **STS (SQL Tuning Set).** Same as AWR, but personally selecting the set of queries to perform the tuning study.
- **Trace file**. allows you to collect information from an Oracle trace file generated from the database.

After getting the performance from the **Oracle Source**, we launch this set against the **Target Oracle** getting data to generate comparative and detailed reports of the behavior of these queries in both scenarios.

Anticipa   Mide   Ajusta   Informa

Anticipate problems

Without the need for large investments of time and money, get the performance metrics of all your **Queries**, avoiding surprising downgrades in go live.

Measure the behaviour of your Queries instantly

You will be able to decide in wich **Queries** you want to measure the behaviour after the changes of platforms, code or Oracle version, getting the execution plan, times and other measures to compare almost inmediately.

Adjust only what you need

Allows for quick identification of changes in the execution plans, so that you focus the analysis of the **Queries** with the greatest impact or those that present changes.

Report the impact of the changes

Collects data and statistics from the current environment to compare before and after changes. Stores this data for later use in new changes in the platform. Centralizes and allows from a simple interface access to data, executions, **Queries** and reports.
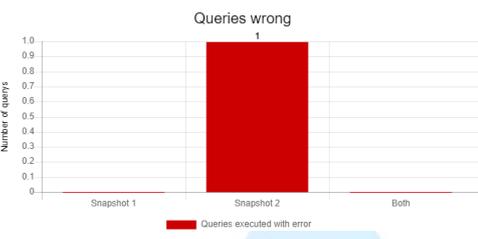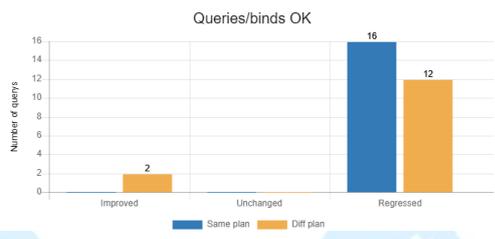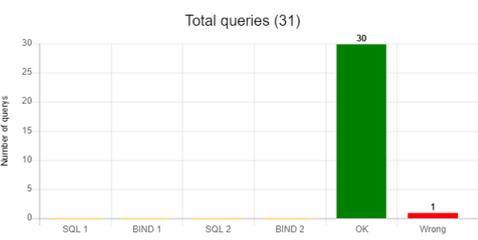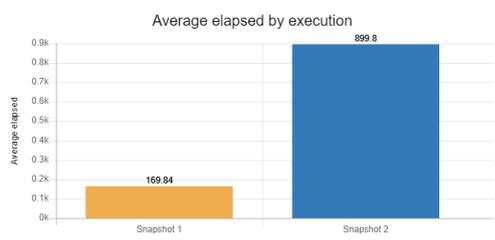
PostgreSQL Compatibility

New Functionality that allows checking the behavior of the main metrics of the Queries captured in Oracle in a PostgreSQL environment

REQUEST A DEMO in https://www.query-performance.com/queryperformance/

Analize, Execute & Compare Queries in ORACLE Platform

Average elapsed by execution

899.8

169.84

Snapshot 1   Snapshot 2

Total queries (31)

30

1

SQL 1   BIND 1   SQL 2   BIND 2   OK   Wrong

Queries/binds OK

16

12

2

Improved   Unchanged   Regressed

■ Same plan   ■ Diff plan

Queries wrong

1

Snapshot 1   Snapshot 2   Both

■ Queries executed with error

Anticipa   Mide   Ajusta   Informa