Enterprise Data Warehouse Modernization and Migration Assessment Service for Vertica

Introduction

Micro Focus® Enterprise Data Warehouse (EDW) Modernization and Migration Assessment Service for Vertica facilitates the migration journey to Vertica from Oracle, Netezza, Teradata, or other EDW platforms. The service provides an assessment of data, data processes, and applications that access the data at source platform during the length of the engagement. Services may include assessment by Micro Focus of the customer's migration objectives to help define the migration scope, as well as the development of a high-level strategy that aims to mitigate the potential risks of data migration. The outputs of the Micro Focus Vertica Data Migration Assessment Service may then serve as basis for subsequent design and implementation projects, such as those offered by the Micro Focus Vertica Deployment and Migration Implementation Services or QuickStart Services.

Top Vertica use cases for Data Warehouse Modernization

- Manage huge volumes of data at exabyte scale
- Deliver faster analytics
- Integrate with existing BI, ETL tools
- Complementing open-source innovations
- In-database advanced analytics

Assessment service

The service is delivered onsite for five consecutive Micro Focus standard workdays as further defined in the section titled "Service planning and delivery." During this timeframe, Micro Focus delivery resource(s) are assigned to work with assigned customer representative(s) to assess migration-readiness to Vertica from the customer's primary EDW database. The collaboration between customer representatives and Micro Focus delivery resources is facilitated primarily through virtual-room

meetings. The output of the project is based on the quality and quantity of data collected from the customer. It is important for the customer to ensure that all stakeholders are invited to the meetings, data is provided in a timely manner, and input from all parties is communicated and evaluated in order to support the development of a valid and accurate assessment report.

Service planning and delivery

A Micro Focus consultant schedules the delivery of the service at a time mutually agreed upon between Micro Focus and the customer, which shall be during local Micro Focus standard business days and hours, excluding Micro Focus holidays, unless otherwise agreed upon by Micro Focus.

During the specified duration of the project, the parties typically work toward performing the activities listed in the table below.

DAY 1: ASSESSMENT SERVICE KICKOFF	DAY 2: DATA ANALYSIS	DAY 3: BUSINESS AND ETL/ELT ANALYSIS	DAY 4: DATA VALIDATION AND CHECKPOINT	DAY 5: ASSESSMENT REPORTING
Introduce all of the project participants Introduce the project workflow and timeline Identify the right resources for data-collection activities Present a questionnaire to be filled out by the customer Present a SQL script to be executed by the customer Additional data collection scripts to be executed by the customer if necessary	EDW databases statistics Source platform system statistics Checklist validation	Business processes ETL/ELT processes SLAs BI apps, reporting	Customer validates data points Correct invalid data points Collect additional data points if necessary	Draft report Present report to the customer Project closure

Service limitations

Activities such as, but not limited to, the following are excluded from the service:

- Database assessment other than the customer's primary EDW database
- Detailed data-migration solution design
- Detailed implementation processes or procedures of data migration
- New ETL/ELT processes or tools development and implementation
- New BI apps or reporting development and implementation
- Change or revision of an existing data model from a source database into a new data model
- High availability (HA) or business continuity configuration of primary EDW database

Micro Focus recommendations are provided with the intention of helping the customer assess migration options to Vertica. Any implementation of the recommendations that result as output of the service is outside the scope of these services.

Micro Focus's ability to deliver this service is dependent upon the customer's full and timely cooperation with Micro Focus, as well as the accuracy and completeness of any information and data the customer provides to Micro Focus.

Duration and validity

Delivery of the service will not exceed a maximum of five working days and is performed onsite. For pricing and scheduling assessment services, please reach out to your Micro Focus representative or email us at bigdatainfo@microfocus.com.

Customer responsibility

- Coordinate service delivery within your organization by inviting relevant stakeholders such as IT managers, business owners, database administrators, admins, developers, and app users to the meetings
- Assign a designated project sponsor from your staff who, on your behalf, will grant all approvals, provide information, attend meetings, and otherwise be available to assist Micro Focus in facilitating the delivery of the service.
- Assign technically knowledgeable resources who have expertise in business processes, ETL/ELT processes, BI apps, and reporting, to facilitate data collection by the Micro Focus consulting team.
- Ensure that a questionnaire provided by the Micro Focus consultant is filled out and promptly returned to the Micro Focus consultant.

- Ensure that SQL scripts provided by the Micro Focus consultant are executed at target databases by the database administrator and the output logs are promptly returned to the Micro Focus consultant. Depending on the data collected by initial data collection script, additional scripts may be provided to drill down to particular data points of interest.
- Ensure the accuracy and completeness of data provided to the Micro Focus consultant.
- Make the Micro Focus consultant aware of any known issues that exist in current EDW processes or reports.
- Validate initial data analysis results and provide feedback to the Micro Focus consultant at a project checkpoint meeting.
- Report any incorrect or missing data to the Micro Focus consultant for correction and to facilitate the Micro Focus consultant in collecting the missing data.
- Assume responsibility for following through existing control procedure, if required, to execute data collection scripts.

Assessment report

As part of these services, Micro Focus provides an assessment report deliverable based on the outcome of the

data and information collected, evaluated, and validated during the specified duration of these services. Accordingly, the assessment report is contingent upon the data and information covered during this timeframe, and may cover the following:

- Customer business processes that the current EDW supports
- Current EDW data analysis
- Current ETL/ELT data processes, BI apps, and reports
- Mapping of business processes with their underlined data, ETL/ELT processes and reports
- Customer goals of EDW data migration to Vertica and migration scope definition
- Migration readiness checklist, potential risks of migration
- High-level Micro Focus recommendations on migration strategy, approach, and planning
- Migration implementation effort estimate
- Next steps

"HPE Vertica (now part of Micro Focus) gives us the flexibility to tackle big data. With Vertica, our organization is ready for the challenges retailers are facing—from big data to next-generation analytics."

— Bruce Yen, Director, Business Intelligence, Guess?, Inc.

Options

This is a base service that can be extended. A full migration and managed services option can also be provided.

Benefits

- Accelerate time to value
- Simplify replacement migration
- Lower entry cost
- Protect investment with robust and mature foundation to address future requirements

For more information

Contact your Micro Focus representative or email Micro Focus Big Data Services at bigdatainfo@microfocus.com

Learn more at

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