BMC Compuware Topaz for Enterprise Data
Visualize and manipulate enterprise data with speed and agility

PRODUCT DESCRIPTION
BMC Compuware Topaz for Enterprise Data, part of the BMC Compuware Topaz suite of mainframe development and testing tools, enables developers and data architects to discover, visualize, and work with both mainframe and non-mainframe data in a common, intuitive manner.

BUSINESS CHALLENGE
The core of any application is data, but it’s challenging enough to understand the data within the context of a given application without having to also take in the underlying details behind the data. Further, easy access to good test data and lack of test automation are preventing organizations from delivering faster without impacting quality.

BMC SOLUTION
BMC Compuware Topaz for Enterprise Data provides a single interface for browsing, editing, extracting, and loading mainframe and non-mainframe data. It allows developers to work with data from multiple platforms in a familiar, modern interface that even new developers can easily leverage for data-related tasks. With Topaz for Enterprise Data, developers can increase their understanding of data relationships and data extracts, so they can make code changes with more confidence.

KEY FEATURES
- Visually manage vast quantities of data objects using the Data Relationship Visualizer
- Visually understand and tune complex related data extracts to create optimal test data with the Extract Visualizer
- Edit multiple datatypes with a single Enterprise Data Editor
- Easily compare data
- Process related subsets of data with minimal database expertise
- Maintain relationally intact data based on referential integrity (RI) or application relationships (AR)
- Extract relevant data using easy-to-use selection criteria or key values
- Load data into new or existing objects and apply necessary data transformation rules
- Ensure test cases include consistent and accurate test data through an integration with BMC Compuware Topaz for Total Test
- Leverage Test Data Privacy to mask sensitive data to protect individuals’ identities and business-confidential data

KEY BENEFITS
- Empower developers, test engineers, and analysts to be more self-sufficient by provisioning data when needed, reducing their need to rely on subject matter experts and improving productivity
- Improve application quality with better testing scenarios, simplifying the task of creating complete data extracts for testing purposes
- Streamline data movement within distributed databases, including between different DBMS types

Use Topaz for Enterprise Data to validate data quality and test with efficient, effective, and secure data. Data relationships aid discovery of necessary data for testing applications.
PRODUCT DETAILS

Extract and load related data
Easily create specifications to extract related sets of data from one environment to be loaded into another. Extract just the relevant data needed for testing using easy-to-use selection criteria or starting key values. The extracted data will remain relationally intact based on the RI defined to the database as well as application relationships defined within application code. Data can then be loaded into the environment of choice by applying the necessary data transformation rules.

Edit data with a single enterprise editor
The Enterprise Data Editor provides a single intuitive user interface to edit and browse z/OS, Db2, IMS, zFS, Oracle, and SQL Server data types across the enterprise.

Compare files, including between LPARS
Compare files, including those that exist on different LPARs, to greatly expand your ability to quickly and frequently assess the impact of your changes.

Visualize data relationships
Developers, data architects, analysts, and other IT professionals can visually manage vast quantities of data objects using the Relationship Visualizer, a graphical representation of data relationships across the enterprise.

Visualize data related extracts
The Extract Visualizer makes it easy to visually understand complex related data extracts and gather critical information for how to best tune those extracts to create optimal test data.

Facilitate automated testing
Automate test data setups to ensure the data is accurate before running a test case for a test scenario through an integration between Topaz for Enterprise Data and Topaz for Total Test.

Protect sensitive data
Topaz for Enterprise Data provides Test Data Privacy, a unique solution to help companies address data privacy requirements in their test environments.

FOR MORE INFORMATION
To learn more about BMC Compuware Topaz for Enterprise Data, visit bmc.com.

KEY BENEFITS (CONTINUED)

• Increase data extract tuning opportunities through deeper understanding of data
• Quickly create realistic test data by extracting data from one environment and loading it into another
• Improve compliance with data privacy regulations
• Simplify and accelerate the testing process by enabling developers to compare files located on different LPARs