**TEST DATA MANAGEMENT**

**Test Data Management**

TDM is the process of fulfilling the test data needs of testing teams by ensuring that test data of the right quality is provisioned in suitable quantity, correct format and proper environment, at the appropriate time

**Test Data Management Tools**

1.Informatica

2.CA Test Data Manager (DataMarket)

3.Compuware

4.Info Sphere Optim

5.LISA solutions

6.Dhlphix

7.Solix

8.Original software

9.TechArcis

10.vTestcenter

**Informatica**

Informatica Test Data Management Tool is a top tool that provides automated data subsetting, data masking, data connectivity, and test data-generation capabilities.

It automatically detects sensitive data locations. This is fulfilling the increasing demand for test data.

It also completes all the demands of the application owner, infrastructure, developers, testers, etc.

**CA Test Data Manager (DataMarket)**

CA Test Data Manager is another top tool that provides highly synthetic data generation solutions. The design of this tool is very flexible to simplify the functionality of the testing.

It is a product of CA technologies. It acquires the DataMaker of Grid-tools. It is also called Agile Designer, DataFinder, Fast DataMaker, and DataMaker.

It provides high-performance data subsetting, data masking, test matching, etc. It supports all standard types of file. With all these features,

**Compuware**  Compuware’s Test data tool is another popular testing tool that provides optimized test data mgt.

Through this tool, we can easily create test data. The tool provides masking, translating, generating, aging, analyzing, and validating testing data. The new feature of the tool is that it fulfills all the conditions of the mainframe test.

**Info Sphere Optim**

Info Sphere Optim tool has a built-in workflow and on-demand service facilities. This feature helps in continuous testing and agile software development.

The tool provides real-time data testing, uses right-sized test databases that optimize, and automate the process of test data.

**LISA solutions**

LISA Solutions is an automatic testing tool that creates a virtual dataset that gives a high level of functional accuracy.

The tool can import test data from different types of data sources such as excel sheets, XML, log files, etc.

Tester or developers can easily manipulate the test data and integrate it into a single place.

**Dhlphix**

Delphix Test data tool provides high quality and faster testing. During development, testing, training, or reporting, redundant data is shared across all this process.

This sharing of data is called data virtualization or virtual data. The virtual data of the tool provides complete, full size and real data sets in a few minutes that takes very few spaces.

**Solix**

Solix test data tool automatically creates test data subsets for testing, development, masking, patching, training, and outsourcing.

The tool also creates and manages clone production data subsets from large databases.

**Original software**

Original software data management tool regulatory control and protects data. The tool effectively creates test data that reduces risks like disk space, data verification, confidentiality of test data, etc.

The tool also uses the principle of Accurate Quality Management [AQM]. Manual implementation of AQM is not possible. AQM checks visible test results and database effects.

**TechArcis**

TechArcis test data tool is an easy to use and effective tool that automatically creates complete, accurate, and secure test data.

The tool performs a customized test data mgt that provides flexibility in the testing environment. It regularly updates the whole test data delivery process.

**vTestcenter**

vTestcenter tool is a scalable data testing tool that confirms data consistency and reusability and generates powerful test reports. Scalable means from small teams to large workgroups can use vTestcenter.

Testing specifications, implementation, and execution or reporting, all require full traceability and vTestcenter fulfill this.

The open interface of the tool easily integrates with the existing test tool landscape.