



Informatica Test Data Management Baseline Deployment

Overview

SSG's Test Data Management (TDM) baseline deployment will enable you to benefit from the knowledge and experience of our Information Lifecycle Management professionals as they collaborate with you to analyze and enhance the quality of your test data. This engagement combines the functionality of Informatica's Data Subset and Data Masking products to provide an end-to-end solution for subsetting and securing nonproduction application instances.

During the TDM baseline deployment, you will identify high data growth application areas, profile your system and identify sensitive elements throughout your databases, define subset criteria for each high growth area, create lean copies of production with full data and application integrity, learn to mask with predefined policies and rules, define a repeatable process for provisioning nonproduction environments, and masking each of those new provisioned nonproduction application instances.

Our Value Proposition

A Test Data Management Baseline Deployment by one of our Senior Consultants provides special added value due to their wide experience in Information Lifecycle Management. Reusable strategies and deliverables will be useful far beyond the deployment. Expand your Test Data Management knowledge with our expertise and best practices.

Key Program Deliverables

- ▼ Informatica Test Data Management Installation and Custom Configuration
- ▼ Test Data Management Methodology and Best Practices
- ▼ Subset entities for high volume database tables with business object relationships and subset partners for 2 applications
- ▼ Subset testing for storage savings with application integrity
- ▼ Data Domain creation to ensure sensitive data is identified during profiling
- ▼ Policy strategy for a pre-defined set of sensitive data elements
- ▼ Policy and rule development for sensitive data elements
- ▼ Performance tuning of subset and masking processing to optimize clock time
- ▼ Knowledge transfer

Benefits

- ▼ Experienced SSG Consultants provide Test Data Management experience, resulting in optimal configuration, rapid delivery, quality deliverables, and a well-defined roadmap for deployment
- ▼ Develop a complete strategy for provisioning non-production environments with subsetted application instances where sensitive data elements are masked
- ▼ Learn to reduce data volume with minimal application impact
- ▼ Build reusable policies for all sensitive data elements
- ▼ Understand how to combine data masking and data subsetting objectives into one repeatable provisioning process
- ▼ Through in-depth knowledge transfer, gain essential product expertise for managing and maintaining the Test Data Management solution and process

Typical Duration

- ▼ 4 Weeks

Staff Level

- ▼ Senior Consultant

Key Program Details

The Test Data Management Baseline Deployment engagement will include the following accomplishments. Success of the engagement will rely on having access to the hardware and software systems, a representative sample of data, and ample time with business and IT personnel.

- ▼ Determine your desired downsized databases and the audience for each
- ▼ Identify high volume/high growth tables that are subsetting candidates
- ▼ Determine subset criteria for each audience based on reduction goals
- ▼ Design entities for the tables to be subsetted while preserving application integrity
- ▼ Incorporate data masking policies with subset processes, if applicable
- ▼ Prepare testing strategy to iterate twice through the process to achieve optimal storage savings, integrity and process efficiency
- ▼ Document provisioning process to support subsetting appropriate non-production copies
- ▼ Establish policy for maintaining a lean non-production infrastructure
- ▼ Identify up to 15 unique data elements to be masked (limited to 200 columns across 50 database tables)
- ▼ Best practices for each sensitive data element, including use and creation of dictionaries, requirements for deterministic masking, and applicability of templates
- ▼ Design policies for each data element and unit test on a representative application database to determine if the policy design should be revised.
- ▼ Apply profiling strategy with up to 15 data domains
- ▼ Mask all sensitive data columns in a selected application database to test the end-to-end process
- ▼ Test masked application for functional integrity and revise as appropriate
- ▼ Document steps to be used to apply profiling, policies and rules, and provisioning processes to a new application database
- ▼ Determine if a shared service concept will be used or if each application team will need to learn Data Masking and develop a corresponding training plan
- ▼ Implement a communication and change management plan to explain the masking strategy and impact on functional and technical application users
- ▼ Knowledge transfer sufficient to expand subsetting and masking scope to other large databases in the enterprise

About SSG

Founded in 1997, SSG is a Dallas-based Informatica Elite Business Partner and Oracle Gold Partner with consulting practices specialized around Data Management (Informatica Platform) and Billing and Revenue Management (Oracle BRM).

Our Data Management Practice is both an Informatica Channel Partner and Informatica Consulting Partner. We focus on solution sales and delivery around the Informatica Platform and related Informatica Professional Services addressing Data Integration, Data Quality, Information Lifecycle Management (ILM), Master Data Management (MDM) and Cloud Integration.

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