

Optim Data Masking Solution



IBM InfoSphere Optim Data Masking Solution Version 2.2.0

Quick Start Guide

This guide helps you set up a typical configuration for using Optim Data Masking Solution.



National language version: To obtain the Quick Start Guide in other languages, access the PDF files on the Quick Start CD.

Overview

IBM® InfoSphere™ Optim™ Data Masking Solution masks intelligently the personal information used in a data source. Use Optim Data Masking Solution to prepare realistic but fictional data for testing whenever privacy concerns keep you from using production data in your test or development systems.

Optim Data Masking Solution consists of the following components: Optim Designer, Optim Manager, Optim Management Server, Optim Proxy, and Optim Executor.

1 Step 1: Access your software and documentation



If you download your product from Passport Advantage®, follow the instructions in the download document available at <http://www.ibm.com/support/docview.wss?context=SSGMCR&dc=D400&uid=swg24029380>

This product offering includes:

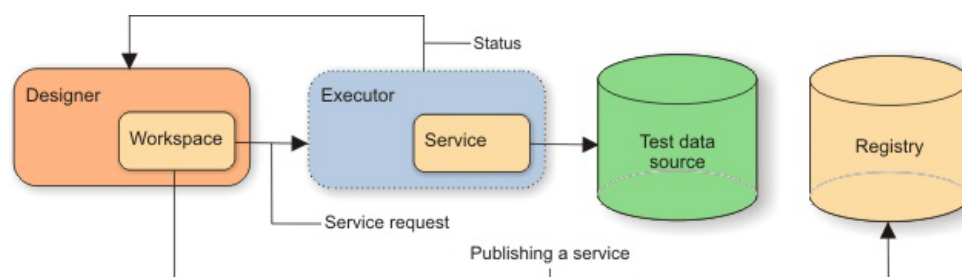
- Quick Start CD
- Two Optim Data Masking Solution installation and documentation discs (a disc for Microsoft Windows and a disc for Red Hat Enterprise Linux, IBM AIX®, and Solaris), each containing the Optim components and prerequisite software, such as IBM InfoSphere Data Architect

2 Step 2: Evaluate your hardware and system configuration

See the detailed system requirements document at <http://www.ibm.com/support/docview.wss?uid=swg27020911>.

3 Step 3: Review the Optim Designer architecture

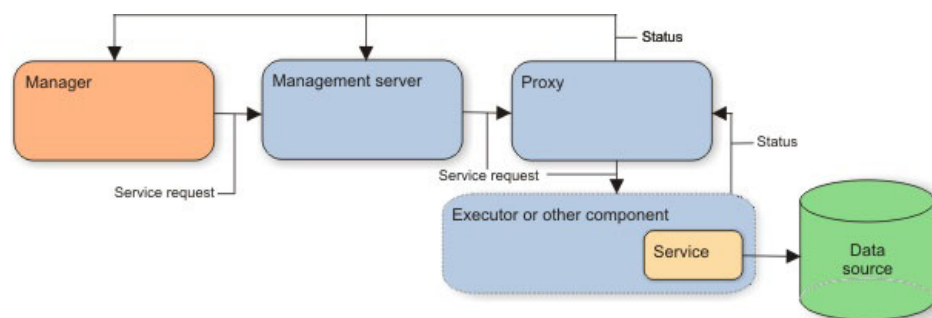
Optim Designer is the component of Optim Data Masking Solution that you use to design data management services. You can also use the designer to launch processes on Optim and Optim for z/OS® (sold separately). The designer requires InfoSphere Data Architect, which is included on the installation disc. Install InfoSphere Data Architect either before you install the designer or at the same time that you install the designer.



The diagram illustrates the process of designing, testing, and publishing a data management service. Use the designer to design data management services. The services and their related artifacts are stored in a designer workspace while you are designing the services. To test the services against a test data source, first install an instance of the executor that is accessible from the designer computer. After you install the executor, and you configure the designer to use the executor, you can run the service against the test data source. When a service is ready for production, use the designer to publish the service. The published service and its related artifacts are stored in the registry.

4 Step 4: Review the Optim runtime environment architecture

Use the Optim runtime environment to run production data management services. The Optim runtime environment consists of several components: the manager, the management server, the proxy, and the executor.



The diagram illustrates the process of running a data management service. Use the manager to send a service request to the management server. The management server forwards the service request to a proxy, and the proxy starts an instance of the executor. The executor runs the service, and the service performs the tasks in its service plan. The proxy monitors the executor while the executor runs the service, and returns the status of the service to the manager and management server. When the service is complete, the executor returns the service status to the proxy and closes itself. The proxy returns the service status to the manager and management server.

5 Step 5: Install and Configure Optim Data Masking Solution



You can install the components of Optim Data Masking Solution as you need them. For example, install the designer to start designing data management services, install the executor at a later time when you are ready to test the services, and install and configure the components of the Optim runtime environment when you are ready to publish and run the services in production.

For more information on how to install and configure the components of Optim Data Masking Solution, see the installation and configuration documentation.

6 Step 6: Design services using Optim Designer



To design a data management service, you must first create models that indicate the structure of the data that you want to change. You can then create data access plans for these models. These data access plans contain policies that indicate what data is to be copied or changed and how the data is to be changed. You can then create services that specify a source model, a target model, and a map between the two. The services use the policies contained within the source model's data access plan to determine how the service copies or changes data. You can also add policies directly to the service. You can then test the service on a test data source. When the service is ready, you can publish the service and its associated artifacts to the registry.

For more information on how to design services using the designer and its associated components, see the Optim Designer user documentation.

7 Step 7: Run services using Optim Manager



After you have published a service to the registry, you can use the manager to run the service.

For more information on how to run services using the manager, see the Optim Manager user documentation.

More information



For more information, see the following resources:

- Optim website at <http://www.ibm.com/software/data/data-management/optim/>
- Optim support website <http://www.ibm.com/software/data/data-management/optim/support/>

