Informatica

Informatica® Dynamic Data Masking
9.8.2

Release Guide

Informatica Dynamic Data Masking Release Guide
9.8.2
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Preface

The *Informatica Dynamic Data Masking Release Guide* is written for system administrators who are responsible for the configuration of Dynamic Data Masking. This guide assumes that you have knowledge of your operating systems, relational database concepts, and the database engines in your environment. The *Informatica Dynamic Data Masking Release Guide* lists new features and enhancements and behavior changes between versions.

Informatica Resources

Informatica Network

Informatica Network hosts Informatica Global Customer Support, the Informatica Knowledge Base, and other product resources. To access Informatica Network, visit https://network.informatica.com.

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Informatica Velocity

Informatica Velocity is a collection of tips and best practices developed by Informatica Professional Services. Developed from the real-world experience of hundreds of data management projects, Informatica Velocity represents the collective knowledge of our consultants who have worked with organizations from around the world to plan, develop, deploy, and maintain successful data management solutions.

If you are an Informatica Network member, you can access Informatica Velocity resources at http://velocity.informatica.com.

If you have questions, comments, or ideas about Informatica Velocity, contact Informatica Professional Services at ips@informatica.com.

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To find your local Informatica Global Customer Support telephone number, visit the Informatica website at the following link:
http://www.informatica.com/us/services-and-training/support-services/global-support-centers.

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Part I: Dynamic Data Masking Verison 9.8.2

This part contains the following chapter:

- New Features and Enhancements (9.8.2), 10

CHAPTER 1

New Features and Enhancements (9.8.2)

This chapter includes the following topic:

- New Features and Enhancements for Version 9.8.2, 10

New Features and Enhancements for Version 9.8.2

This section describes the new features and enhancements for version 9.8.2.

Dynamic Data Masking Server New Features and Enhancements

This section describes the new features and enhancements for the Dynamic Data Masking Server for version 9.8.2.

SSL Communication

The Dynamic Data Masking Server uses SSL communication. You can enable SSL communication between the Dynamic Data Masking Server and the Data Vault, and between the Dynamic Data Masking Server and the Data Vault client. When you enable SSL communication in the Data Vault, SSL communication is automatically enabled in the Dynamic Data Masking Server.

For more information about SSL communication in Dynamic Data Masking, see the *Dynamic Data Masking 9.8.2 Administrator Guide*.

Security Rule Parser Matcher

The Parser matcher identifies requests that Dynamic Data Masking is unable to parse. You can use the Parser matcher with security rule actions to change the request. For example, you can use the Block Statement rule action to block requests that Dynamic Data Masking cannot parse.

For more information about the Parser matcher, see the *Dynamic Data Masking 9.8.2 User Guide*.

Part II: Dynamic Data Masking Version 9.8.1

This part contains the following chapter:

- New Features and Enhancements (9.8.1), 12

CHAPTER 2

New Features and Enhancements (9.8.1)

This chapter includes the following topic:

- New Features and Enhancements for Version 9.8.1, 12

New Features and Enhancements for Version 9.8.1

This section describes the new features and enhancements for version 9.8.1.

Dynamic Data Masking Server New Features and Enhancements

This section describes the new features and enhancements for the Dynamic Data Masking Server for version 9.8.1.

Generic Database Node

Dynamic Data Masking impersonates the user context for a generic database node.

You can enter a sanity check script in the Management Console to verify that the connection to the database is valid.

For more information about the generic database node, see the *Dynamic Data Masking 9.8.1 Administrator Guide*.

Predefined Security Rule Sets

The Dynamic Data Masking installation contains predefined security rule sets that you can use with a generic database node if you want to run commands that alter the user context. The rule set captures the commands and updates the Dynamic Data Masking symbols for the session.

You can use predefined rule sets for the following databases:

- Greenplum
- MySQL
- Netezza

For more information about the predefined security rule sets, see the *Dynamic Data Masking 9.8.1 Administrator Guide*.

Server Control

You can use the following Server Control commands:

server support

Creates a .zip archive of Dynamic Data Masking logs. You can send the encrypted log archive to Informatica Global Customer Support to troubleshoot issues with Dynamic Data Masking.

server encrypt

Encrypts a file that contains sensitive information so that you can send the file to Informatica Global Customer Support. Informatica Global Customer Support can decrypt files that you encrypt with the `encrypt` command.

For more information about Server Control commands, see the *Dynamic Data Masking 9.8.1 Administrator Guide*.

Mask Rule Action

The security rule Mask action contains a **Keep original number of rows** checkbox that you can use to preserve the original number of rows in the masked output when the query contains the DISTINCT operator or a GROUP BY, HAVING, or ORDER BY clause. The default value is unchecked. The unchecked value is backward compatible with previous versions of Dynamic Data Masking.

You can mask SQL batch in Sybase and Microsoft SQL Server databases.

For more information about the Mask action, see the *Dynamic Data Masking 9.8.1 User Guide*.

Troubleshooting

You can create an encrypted log archive .zip file that you can send to Informatica Global Customer Support to troubleshoot issues with Dynamic Data Masking. You can create the file in the Management Console or with the Server Control `server support` command.

For information about how to create the file, see the *Dynamic Data Masking 9.8.1 Administrator Guide*.

Generic JDBC and ODBC Wrapper New Features and Enhancements

This section describes the new features and enhancements for the Dynamic Data Masking generic JDBC and ODBC wrappers for version 9.8.1.

JDBC Wrapper Logging

The Dynamic Data Masking installation contains a template configuration file for JDBC logging. If you use the DDM for JDBC service, you can configure logging on the client machine to debug the JDBC wrapper.

For information about configuring JDBC logging, see the *Dynamic Data Masking 9.8.1 Administrator Guide*.

ODBC Wrapper Logging

The Dynamic Data Masking installation contains a template configuration file for ODBC logging. If you use the DDM for ODBC service, you can configure logging on the client machine to debug the Driver Manager proxy.

For information about configuring ODBC logging, see the *Dynamic Data Masking 9.8.1 Administrator Guide*.

Management Console New Features and Enhancements

This section describes the new features and enhancements for the Management Console for version 9.8.1.

Menu

The Tree menu contains a **Support** option that you can use to create an encrypted .zip archive of Dynamic Data Masking logs. You can send the log archive to Informatica Global Customer Support to troubleshoot issues with Dynamic Data Masking.

For more information about the Management Console, see the *Dynamic Data Masking 9.8.1 User Guide*.

Accelerator New Features and Enhancements

This section describes the new features and enhancements for the accelerators for version 9.8.1.

Stored Procedure Accelerator for DB2

When you set up the stored procedure accelerator for DB2, you can create the CLEANUP_TEMP_OBJECTS procedure and schedule the procedure job to drop the temporary tables and stored procedures that the accelerator creates in the DB2 TempDB schema as part of the masking process.

For more information about the stored procedure accelerator for DB2, see the *Dynamic Data Masking 9.8.1 Stored Procedure Accelerator Guide for DB2*.

Stored Procedure Accelerator for Microsoft SQL Server

When you set up the stored procedure for Microsoft SQL Server, you can create the CLEANUP_TEMP_OBJECTS procedure and schedule the procedure job to drop the temporary tables that the accelerator creates in the TempDB database as part of the masking process.

For more information about the stored procedure accelerator for Microsoft SQL Server, see the *Dynamic Data Masking 9.8.1 Stored Procedure Accelerator Guide for Microsoft SQL Server*.

Stored Procedure Accelerator for Sybase

When you set up the stored procedure accelerator for Sybase, you can create a cleanup task on Windows or a cleanup job on Linux to drop the temporary tables and stored procedures that the accelerator creates in the temporary database as part of the masking process.

For more information about the stored procedure accelerator for Sybase, see the *Dynamic Data Masking 9.8.1 Stored Procedure Accelerator Guide for Sybase*.

Part III: Dynamic Data Masking Version 9.8.0

This part contains the following chapters:

- New Features and Enhancements (9.8.0), 16
- Updates and Changed Behavior (9.8.0), 18

CHAPTER 3

New Features and Enhancements (9.8.0)

This chapter includes the following topic:

- New Features and Enhancements for Version 9.8.0, 16

New Features and Enhancements for Version 9.8.0

This section describes the new features and enhancements for version 9.8.0.

Accelerator New Features and Enhancements

This section describes the new features and enhancements for the accelerators for version 9.8.0.

Stored Procedure Accelerator for Oracle

The Stored Procedure Accelerator for Oracle supports prepared statement caching.

Optionally, you can use the MATCH_FUNCTION and MATCH_FUNCTION_PARAMS symbols and a user-defined function to determine whether to mask a stored procedure. You define the symbols in the DefMaskRSSym rule and specify the number of arguments that you want to pass to the function.

For more information, see the *Dynamic Data Masking 9.8.0 Stored Procedure Accelerator Guide for Oracle*.

Dynamic Data Masking Server New Features and Enhancements

This section describes the new features and enhancements for the Dynamic Data Masking Server for version 9.8.0.

Connection Rules

Dynamic Data Masking version 9.8.0 contains the following connection rule matchers:

Check Database DSN Matcher

The Check Database DSN matcher identifies a request based on the data source name of the database. The Check Database DSN matcher is available for the DDM for ODBC service.

Check Database URL Matcher

The Check Database URL matcher identifies a request based on the URL that the client application gives for the driver. The Check Database URL matcher is available for the DDM for JDBC service.

Check Property Matcher

The Check Property Matcher identifies a request based on a property provided by the ODBC or JDBC driver. The Check Property matcher is available for the DDM for ODBC and DDM for JDBC services.

For more information about the connection rule matchers, see the *Dynamic Data Masking 9.8.0 User Guide*.

Generic Database Node

Create a Generic Database connection node to mask data for a database that uses JDBC or ODBC connectivity. Dynamic Data Masking retrieves metadata from the database to mask the SQL request and sends the altered request back to the client. The client then sends the masked request to the database and the database returns masked data.

For more information about the Generic Database node, see the *Dynamic Data Masking 9.8.0 Administrator Guide*.

Services

The Dynamic Data Masking Server contains services for JDBC and ODBC connectivity. Use the DDM for JDBC service to mask data for a database that uses JDBC connectivity. Use the DDM for ODBC service to mask data for a database that uses ODBC connectivity.

For more information about the DDM for JDBC and DDM for ODBC services, see the *Dynamic Data Masking 9.8.0 Administrator Guide*.

CHAPTER 4

Updates and Changed Behavior (9.8.0)

This chapter includes the following topic:

- Updates and Changed Behavior for Version 9.8.0, 18

Updates and Changed Behavior for Version 9.8.0

This section describes the updates and changed behavior for version 9.8.0.

Installation Updates and Changed Behavior

This section describes the updates and changed behavior for installation for version 9.8.0.

Dynamic Data Masking Server

On Windows, the Dynamic Data Masking Server installation updates the system path to include the Dynamic Data Masking installation jre\bin directory.

Previously, the Dynamic Data Masking Server installation required the Java DLL files to be in the Windows system directory.

For more information, see the *Dynamic Data Masking 9.8.0 Installation and Upgrade Guide*.

Java Version

On Windows and Linux, Java SE 7 is installed with the Dynamic Data Masking Server. On UNIX, the machine where you install the Dynamic Data Masking Server must have Java SE 7 installed.

Previously, the installer installed Java SE 6 on Windows and Linux, and the UNIX machine had to have Java SE 6 installed.

For more information, see the *Dynamic Data Masking 9.8.0 Installation and Upgrade Guide*.

Accelerator Updates and Changed Behavior

This section describes the updates and changed behavior for Dynamic Data Masking accelerators for version 9.8.0.

Stored Procedure Accelerator for Oracle

Effective version 9.8.0, you must compile the DDM_SP_MASKING PL/SQL package before you set up the accelerator. Previously, you did not have to compile a package.

For more information, see the *Dynamic Data Masking 9.8.0 Stored Procedure Accelerator Guide for Oracle*.

Part IV: Dynamic Data Masking Version 9.7.0

This part contains the following chapter:

- New Features and Enhancements (9.7.0), 21

CHAPTER 5

New Features and Enhancements (9.7.0)

This chapter includes the following topic:

- New Features and Enhancements for Version 9.7.0, 21

New Features and Enhancements for Version 9.7.0

This section describes the new features and enhancements for version 9.7.0.

Accelerator New Features and Enhancements

This section describes the new features and enhancements for the accelerators for version 9.7.0.

Stored Procedure Accelerator for Oracle

The Stored Procedure Accelerator for Oracle masks stored procedures and user-defined functions in an Oracle database.

For more information, see the *Dynamic Data Masking 9.7.0 Stored Procedure Accelerator for Oracle*.

Part V: Dynamic Data Masking Version 9.6.2

This part contains the following chapter:

- New Features and Enhancements (9.6.2), 23

CHAPTER 6

New Features and Enhancements (9.6.2)

This chapter includes the following topic:

- New Features and Enhancements for Version 9.6.2, 23

New Features and Enhancements for Version 9.6.2

This section describes the new features and enhancements for version 9.6.2.

Dynamic Data Masking Server New Features and Enhancements

This section describes the new features and enhancements for the Dynamic Data Masking Server for version 9.6.2.

Check Server Name Matcher

You can use the Check Server Name connection rule matcher to apply the connection rule action based on the name of the Dynamic Data Masking Server that receives the request.

For more information about the Check Server Name connection rule matcher, see the *Dynamic Data Masking 9.6.2 User Guide*.

Microsoft SQL Server Database Connection

You can use the Server Instance Name parameter to connect to a Microsoft SQL Server database that is configured to use dynamic port allocation.

For more information about the Server Instance Name parameter, see the *Dynamic Data Masking 9.6.2 Administrator Guide*.

Server Control

You can use the following Server Control commands:

config export

Exports a Dynamic Data Masking database or security rule set from the Dynamic Data Masking Server.

config import

Imports a Dynamic Data Masking database or security rule set into one or more Dynamic Data Masking Servers.

config setDBPassword

Sets the password for the Dynamic Data Masking databases in one or more Dynamic Data Masking Servers.

config sync

Synchronizes the Dynamic Data Masking configuration between one source Dynamic Data Masking Server and one or more target Dynamic Data Masking Servers.

service export

Exports a Dynamic Data Masking service from the Dynamic Data Masking Server.

service import

Imports a Dynamic Data Masking service into one or more Dynamic Data Masking Servers.

For more information about Server Control commands, see the *Dynamic Data Masking 9.6.2 Administrator Guide*.

Accelerator New Features and Enhancements

This section describes the new features and enhancements for the accelerators for version 9.6.2.

Stored Procedure Accelerator for DB2

The Stored Procedure Accelerator for DB2 masks stored procedures that use the OUT CURSOR parameter.

For more information, see the *Dynamic Data Masking 9.6.2 Stored Procedure Accelerator for DB2*.

Stored Procedure Accelerator for Sybase

You can use the Stored Procedure Accelerator for Sybase to mask Sybase ASE stored procedures in Dynamic Data Masking. The accelerator contains two .jar files that Dynamic Data Masking uses to alter the stored procedures and example security rules.

For more information, see the *Dynamic Data Masking 9.6.2 Stored Procedure Accelerator for Sybase*.

Part VI: Dynamic Data Masking Version 9.6.1

This part contains the following chapters:

- New Features and Enhancements (9.6.1), 26
- Updates and Changed Behavior (9.6.1), 28

CHAPTER 7

New Features and Enhancements (9.6.1)

This chapter includes the following topic:

- New Features and Enhancements for Version 9.6.1, 26

New Features and Enhancements for Version 9.6.1

This section describes the new features and enhancements for version 9.6.1.

Dynamic Data Masking Server New Features and Enhancements

This section describes the new features and enhancements for the Dynamic Data Masking Server for version 9.6.1.

Check Database Connection Matcher

You can use the connection rule Check Database Connection matcher to direct requests based on the availability of the database connection.

For more information about the Check Database Connection matcher, see the *Dynamic Data Masking 9.6.1 User Guide*.

Load Control Rule Action

You can use the Load Control connection rule action to configure high availability for the Dynamic Data Masking Server for DB2 databases.

For more information about the Load Control action, see the *Dynamic Data Masking 9.6.1 User Guide*.

PL/SQL Function Rule Action

You can use the PL/SQL Function security rule action to replace an incoming request with a valid query that Dynamic Data Masking sends to the database for execution.

For more information about the PL/SQL Function security rule action, see the *Dynamic Data Masking 9.6.1 User Guide*.

Server Control

You can use the log Server Control command to set and display the Dynamic Data Masking Server log level.

You can use the setDBPassword Server Control command to change the password that Dynamic Data Masking uses to connect to the database.

You can use the sync Server Control command to sync the Management Console tree of a local Dynamic Data Masking Server with the Management Console tree of a remote Dynamic Data Masking Server.

For more information about Server Control commands, see the *Dynamic Data Masking 9.6.1 Administrator Guide*.

Management Console New Features and Enhancements

This section describes the new features and enhancements for the Management Console for version 9.6.1.

Security Rule Simulator

You can simulate security rules, security rule folders, and security rule sets with the Security Rule Simulator. Use the Security Rule Simulator to verify that you created the security rules correctly.

For more information, see the *Dynamic Data Masking 9.6.1 User Guide*.

Accelerator New Features and Enhancements

This section describes the new features and enhancements for the accelerators for version 9.6.1.

Stored Procedure Accelerator for DB2

You can use the Stored Procedure Accelerator for DB2 to mask IBM DB2 stored procedures and stored functions in Dynamic Data Masking. The accelerator contains two .jar files that Dynamic Data Masking uses to alter the stored procedures and example security rules.

For more information, see the *Dynamic Data Masking 9.6.1 Stored Procedure Accelerator for DB2*.

CHAPTER 8

Updates and Changed Behavior (9.6.1)

This chapter includes the following topic:

- Updates and Changed Behavior for Version 9.6.1, 28

Updates and Changed Behavior for Version 9.6.1

This section describes the updates and changed behavior for version 9.6.1.

Accelerator Updates and Changed Behavior

This section describes the updates and changed behavior for Dynamic Data Masking accelerators for version 9.6.1.

Stored Procedure Accelerator for Microsoft SQL Server

Effective version 9.6.1, the Stored Procedure Accelerator for Microsoft SQL Server contains .xml files with the following names:

- SQLServer_HRStoredProcMasksRS.xml
- SQLServer_HRStoredProcRS.xml
- SQLServer_StoredProcMasksRSTmpl.xml
- SQLServer_StoredProcRSTmpl.xml

Previously, the files had the following names:

- HRStoredProcMasksRS.xml
- HRStoredProcRS.xml
- StoredProcMasksRSTmpl.xml
- StoredProcRSTmpl.xml

Part VII: Dynamic Data Masking Version 9.6.0

This part contains the following chapter:

- New Features and Enhancements (9.6.0), 30

CHAPTER 9

New Features and Enhancements (9.6.0)

This chapter includes the following topic:

- New Features and Enhancements for Version 9.6.0, 30

New Features and Enhancements for Version 9.6.0

This section describes the new features and enhancements for version 9.6.0.

Dynamic Data Masking Server New Features and Enhancements

This section describes the new features and enhancements for the Dynamic Data Masking Server for version 9.6.0.

Define Symbol Rule Action

You can define multiple symbols with the Define Symbol security rule action. You can specify whether you want the symbol to exist for the client session or the SQL request.

For more information, see the *Dynamic Data Masking 9.6.0 User Guide*.

Loggers

The Management Console contains logger and appender nodes that you create to log security rule events. Use the loggers in security rules with the Log Message rule action to define the events that you want to log. Appenders define the format of the log information.

For more information, see the *Dynamic Data Masking 9.6.0 Administrator Guide*.

Replace Table Rule Action

The Replace Table security rule action replaces the FROM clause of an SQL request to remove rows that contain sensitive data from the result set.

For more information, see the *Dynamic Data Masking 9.6.0 User Guide*.

Accelerator New Features and Enhancements

This section describes the new features and enhancements for the accelerators for version 9.6.0.

Data Archive Accelerator

You can use the Data Archive accelerator to implement Dynamic Data Masking for Data Vault. The Data Archive accelerator contains a .jar file that Dynamic Data Masking uses to extract user and user role information from the SQL request. The accelerator contains an example set of security rules that mask sensitive data in the Loyalty demo database.

For more information, see the *Dynamic Data Masking 9.6.0 Data Archive Accelerator Guide*.

Stored Procedure Accelerator

You can use the Stored Procedure accelerator to mask Microsoft SQL Server stored procedures and stored functions in Dynamic Data Masking. The stored procedure accelerator contains two .jar files that Dynamic Data Masking uses to alter the stored routines and example security rule sets.

For more information, see the *Dynamic Data Masking 9.6.0 Stored Procedure Accelerator Guide*.

Part VIII: Dynamic Data Masking Version 9.5.3

This part contains the following chapter:

- New Features and Enhancements (9.5.3), 33

CHAPTER 10

New Features and Enhancements (9.5.3)

This chapter includes the following topic:

- New Features and Enhancements for Version 9.5.3, 33

New Features and Enhancements for Version 9.5.3

This section describes the new features and enhancements for version 9.5.3.

Dynamic Data Masking Server New Features and Enhancements

The Dynamic Data Masking Server contains services for Hive and File Archive Service. The Dynamic Data Masking for Hive service routes requests to Hive databases. The Dynamic Data Masking for File Archive Service service routes requests to File Archive Service databases.

You can use Dynamic Data Masking Transparent Archive to redirect an SQL request sent to a Microsoft SQL Server database. Dynamic Data Masking redirects the request to a File Archive Service database.

You can use Dynamic Data Masking to access a Netezza database with a server link between a Microsoft SQL Server database and the Netezza database.

Management Console New Features and Enhancements

Connection rules contain a Transparent Archive rule action that you use to configure Transparent Archive.

Part IX: Dynamic Data Masking Version 9.5.2

This part contains the following chapters:

- New Features and Enhancements (9.5.2), 35
- Updates and Changed Behavior (9.5.2), 37

CHAPTER 11

New Features and Enhancements (9.5.2)

This chapter includes the following topic:

- New Features and Enhancements for Version 9.5.2, 35

New Features and Enhancements for Version 9.5.2

This section describes the new features and enhancements for version 9.5.2.

Dynamic Data Masking Server New Features and Enhancements

This section describes the new features and enhancements for the Dynamic Data Masking Server for version 9.5.2.

Configuration

The configuration file, config.cfg, and the public key file, config.pbk, have a digital signature that updates when a user performs an operation on the Dynamic Data Masking Server through the Management Console. The Dynamic Data Masking Server does not start if it cannot verify the public key against the configuration file.

Dynamic Data Masking Services

The Dynamic Data Masking Server contains services for Informix native protocol, Teradata, and Sybase. The Dynamic Data Masking for Informix native protocol routes requests to Informix databases using the native Informix protocol. The Dynamic Data Masking for Teradata service routes requests to Teradata databases. The Dynamic Data Masking for Sybase service routes requests to Sybase databases.

The Dynamic Data Masking for Microsoft SQL Server service is available for Linux 32 bit, Linux 64 bit, and UNIX.

Management Console New Features and Enhancements

This section describes the new features and enhancements for the Management Console for version 9.5.2.

Access Control

You can manage users and user groups with the authorizations option in the Management Console. You can define the Management Console tree nodes that an LDAP user or an LDAP user group can edit.

Detailed Audit Trail

The detailed audit trail file contains comprehensive audit information about changes made within the Management Console.

Installation New Features and Enhancements

This section describes the new features and enhancements for installation for version 9.5.2.

Silent Installation

You can use silent installation to install and upgrade the Dynamic Data Masking Server and Management Console without user interaction.

Upgrade

You can manually upgrade the Dynamic Data Masking for Microsoft SQL Server service.

Accelerator New Features and Enhancements

This section describes the new features and enhancements for the accelerators for version 9.5.2.

Active Directory Accelerator

The Active Directory accelerator contains predefined rules that allow you to mask data based on the LDAP user or LDAP group that accesses the database. You can define LDAP attributes and LDAP attribute values to define the data you want to mask.

CHAPTER 12

Updates and Changed Behavior (9.5.2)

This chapter includes the following topic:

- Updates and Changed Behavior for Version 9.5.2, 37

Updates and Changed Behavior for Version 9.5.2

This section describes the updates and changed behavior for version 9.5.2.

Management Console Updates and Changed Behavior

This section describes the updates and changed behavior for the Management Console for version 9.5.2.

Security Rule Sets

Effective version 9.5.2, you add a security rule set to a domain node in the Management Console tree.

Previously, you added a security rule set to the Dynamic Data Masking Server node.

Part X: Dynamic Data Masking Version 9.5.1

This part contains the following chapter:

- New Features and Enhancements (9.5.1), 39

CHAPTER 13

New Features and Enhancements (9.5.1)

This chapter includes the following topic:

- New Features and Enhancements for Version 9.5.1, 39

New Features and Enhancements for Version 9.5.1

This section describes the new features and enhancements for version 9.5.1.

Installation New Features and Enhancements

This section describes the new features and enhancements for installation for version 9.5.1.

Upgrade

You can upgrade Dynamic Data Masking.

Dynamic Data Masking Server New Features and Enhancements

This section describes the new features and enhancements for the Dynamic Data Masking Server for version 9.5.1.

Dynamic Data Masking Services

The Dynamic Data Masking Server contains a service for Informix Distributed Relational Database Architecture (DRDA). The DDM for Informix DRDA service routes requests to Informix DRDA databases.

Management Console New Features and Enhancements

This section describes the new features and enhancements for the Management Console for version 9.5.1.

Cut, Copy, and Paste

You can cut, copy, and paste rules, rule folders, database nodes, and domain nodes.

Accelerators New Features and Enhancements

This section describes the new features and enhancements for the accelerators for version 9.5.1.

SAP Accelerator

The SAP accelerator configures Dynamic Data Masking to work with SAP. Dynamic Data Masking performs data masking with the SAP cache.

Siebel Accelerator

The Siebel accelerator package contains predefined security rules. You can import the rules into the Dynamic Data Masking Management Console to facilitate Dynamic Data Masking implementation. The accelerator package contains rules mask data for unauthorized Siebel users and users that belong to unauthorized Siebel positions.

Active Directory Accelerator

The Active Directory accelerator authorizes access to the database based on user credentials. The accelerator contains sample security rules and connection parameters for an LDAP directory.

Log Loader New Features and Enhancements

This section describes the new features and enhancements for the Log Loader for version 9.5.1.

Log Loader

The Log Loader is a program that reads the rule.log file and loads the log information into database tables. You use the database tables to read and sort rule log information. The Log Loader is a separate program from Dynamic Data Masking.

Reports

Dynamic Data Masking Reports is a program that reads the database tables that the Log Loader creates. The Reports program creates PDF and HTML files of the log information.

Part XI: Dynamic Data Masking Version 9.5.0

This part contains the following chapters:

- New Features and Enhancements (9.5.0), 42
- Updates and Changed Behavior (9.5.0), 44

CHAPTER 14

New Features and Enhancements (9.5.0)

This chapter includes the following topic:

- New Features and Enhancements for Version 9.5.0, 42

New Features and Enhancements for Version 9.5.0

This section describes the new features and enhancements for version 9.5.0.

Dynamic Data Masking Server New Features and Enhancements

This section describes the new features and enhancements for the Dynamic Data Masking Server for version 9.5.0.

Server Control

The Server Control program is a command line interface that you use to manage and configure the Dynamic Data Masking Server and start and stop the Dynamic Data Masking services.

Dynamic Data Masking Services

The Dynamic Data Masking Server contains services for DB2 and Microsoft SQL Server. The Dynamic Data Masking for DB2 service routes requests to DB2 databases. The Dynamic Data Masking for Microsoft SQL Server service routes requests to Microsoft SQL Server databases.

Management Console New Features and Enhancements

This section describes the new features and enhancements for the Management Console for version 9.5.0.

Domain Node

You use a domain node to group other nodes. You can use domains to create a visual representation of the structure of the databases within an organization.

Service Node

Dynamic Data Masking service nodes can now route queries to DB2 and Microsoft SQL Server databases.

Server Node

The Dynamic Data Masking Server manages databases located under a parent domain or all sub domains of the Server node in the tree. You can move the Server node within the Management Console tree.

auditTrail.log

The auditTrail.log file logs changes made within the Management Console.

CHAPTER 15

Updates and Changed Behavior (9.5.0)

This chapter includes the following topic:

- Updates and Changed Behavior for Version 9.5.0, 44

Updates and Changed Behavior for Version 9.5.0

This section describes the updates and changed behavior for version 9.5.0.

Management Console Updates and Changed Behavior

This section describes the updates and changed behavior for the Management Console for version 9.5.0.

Services Editor

You define the listener ports that the Dynamic Data Masking service uses to monitor incoming connection requests in the Services Editor in the Management Console. You can define listener ports for Oracle, DB2, and Microsoft SQL Server databases.

Previously, you defined listener ports in the DNR Manager for Oracle databases.

Connection Rules

You use a connection rule to define the criteria that the Rule Engine uses to identify a connection and the target database.

Previously, the name for connection rule was switching rule.

Installation Updates and Changed Behavior

This section describes the updates and changed behavior for installation for version 9.5.0.

Server Start

When you install Dynamic Data Masking, the Dynamic Data Masking Server starts automatically.

Previously, you started the Dynamic Data Masking server manually after installation.