ORACLE

Consulting

Identity Governance Service

Datamodel PID-Generator

Release 1.0.0

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Preface

Audience

This guide is intended for resource administrators and target system integration teams.

Confidentiality

The material contained in this documentation represents proprietary, confidential information pertaining to Oracle products and methods.

The audience agrees that the information in this documentation shall not be disclosed outside of Oracle, and shall not be duplicated, used, or disclosed for any purpose other than to evaluate this procedure.

Typographical Conventions

The following text conventions are used in this document.

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Conventions Directory Variables

The following table explains variables that might be used in this document.

Variable	Meaning
JAVA_HOME	The location where the supported Java Development Kit (JDK) was installed.
ORACLE_BASE	The base directory where Oracle products are installed.
ORACLE_HOME	The location for a product's binaries. For the application tier host computers, it should be stored on a shared disk.
IGS_BASE	The location for the *Identity Governance Service*> For the application tier host computers, it should be stored on a shared disk.

Symbol Conventions

The following table explains symbols that might be used in this document.

Convention	Meaning
[ ]	Contains optional arguments and command options.

Convention	Meaning
{	}	Contains a set of choices for a required command option.
${ }	Indicates a variable reference.
-	Joins simultaneous multiple keystrokes.
+	Joins consecutive multiple keystrokes.
>	Indicates menu item selection in a graphical user interface.

Introduction

For access to resources (applications, data) made available by the internet, the enhancement of the existing user IDs intended for this purpose with an additional anonymized ID (hereinafter referred to as PID) is described according to a uniform logic.

The PID is used for identification as well as for technical/data protection logging. Among other things, it should not be possible to draw any conclusions about the people involved outside the carrier network.

This guide describes the installation process of the generator's centrally provided database schema.

Install the Database Schema

This chapter describes how to install the data model objects of the PID generator belonging to *Identity Governance Services*.

This chapter does not describe how to set up an instance of the target database. Consult the manufactor's documentation for creating an instance for the target database.

> **❗ Important**
>
> *PID Generator* supports at the time being Oracle® as a target database only.

To install the database schema required for *Identity Governance Services*, a set of scripts provided with prepared DDL statements. Those scripts create all required tables and default indices.

To be able to install any objects you need access to the Oracle Database either locally or remotely. An installation of *SQL*Plus* is required to be able to execute the provided scripts.

> **⚠ Warning**
>
> The database role **DBA** is required to perform the installation.

The installation of the generator schema objects as part of the *Identity Governance Services* consists of:

- [Create Schema Objects](#)

Create Schema Objects

To install the generator schema objects execute the steps:

1. Open a command line for the operating system from which access to the database instance is possible.

2. Locate the directory of the provided scripts and navigate to it:

   ```
   cd <IGS_BASE>/anonymousidBackend/src/main/resources/pid
   ```

3. Load the database schema of *PID Generator* by executing the following command:

   ```
   sqlplus / as sysdba @create
   ```

After running the script to install the database schema, the log files should be checked for errors during execution. These log files are in the same directory as the script used to load the database schema (see step 3).

> **✎ Note**
>
> When running the script for the first time, it is normal to encounter errors like *ORA-04080* or *ORA-00942*.