

In this installation guide, you will find the information needed to install the Aranda Service Management On Premise (ASMS) application, identify the requirements for the product implementation, and learn about the configuration for connecting to the database

Prerequisites

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System Requirements

The following requirements are defined for the implementation of Aranda Service Management in an On Premise installation.

	Web Application Server / Services
Dedication	Dedicated use for ASMS Suite (Do not share your usage with other applications)
Storage	- Space Required: Minimum 64GB - Unit Type: Solid State Drive (SSD) - Partitions: Dedicated partition is recommended for web console installation. A dedicated partition is recommended for the database (MDF and LDF files)(*) * In the case of installation of the solution on the same server where the database resides.
Processing	4 CPU / 8 vCPU 2.1 GHz or higher.
Connectivity	Gigabit Ethernet network card (1GBps or higher)
Database	Versions: SQL Server 2019, SQL Server 2022 Editions: Standard (for Test Environments), Enterprise (for Production Environments) and Express (only for Proofs of Concept). Licensing: It is recommended that you license the database by Core. Collation: SQL_Latin1_General_CP1_CI_AI Permissions: User for database creation (DBTools): Fixed role member db_owner. Database Service User: Fixed Role Member db_datareader and db_datawriter. Execute permissions on the dbo schema
Operating system	Version: Windows Server 2019, Windows Server 2022. Edition: Standard or Superior. Installation Account: Local and/or domain administrator credentials are required for installation

Additional Requirements

- Internet Information Services 10.0 or higher.
- Roles
 - Web Server
 - Common HTTP Features
 - Default Document
 - Directory Browsing
 - Static Content
 - Health and Diagnostics
 - HTTP Logging
 - Performance art
 - Static Content
 - Security
 - Request Filtering
 - URL Authorization
 - Windows Authentication
 - Application Development
 - .NET Extensibility 4.7
 - ASP
 - ASP .NET 4.
 - ISAPI Extensions
 - ISAPI Filters
 - Management Tools
 - IIS Management Console
 - IIS 6 Management Compability
 - IIS6 Metabase Compability
 - Characteristics
 - .NET Framework 4.7 Features

- .NET Framework 4.7
 - ASP .NET 4.7
 - WCF Services
 - HTTP Activation
 - Message Queuing
 - Named Pipe Activation
 - TCP Activation
 - TCP Port Sharing
- .NET Framework 4.8 Features
 - .NET Framework 4.8
 - ASP .NET 4.8
 - WCF Services
 - HTTP Activation
 - Message Queuing
 - Named Pipe Activation
 - TCP Activation
 - TCP Port Sharing

📖 Note: Remember that before starting the installation of Aranda Service Management Suite it is necessary to create the database schema through the Aranda Database Tools v9.

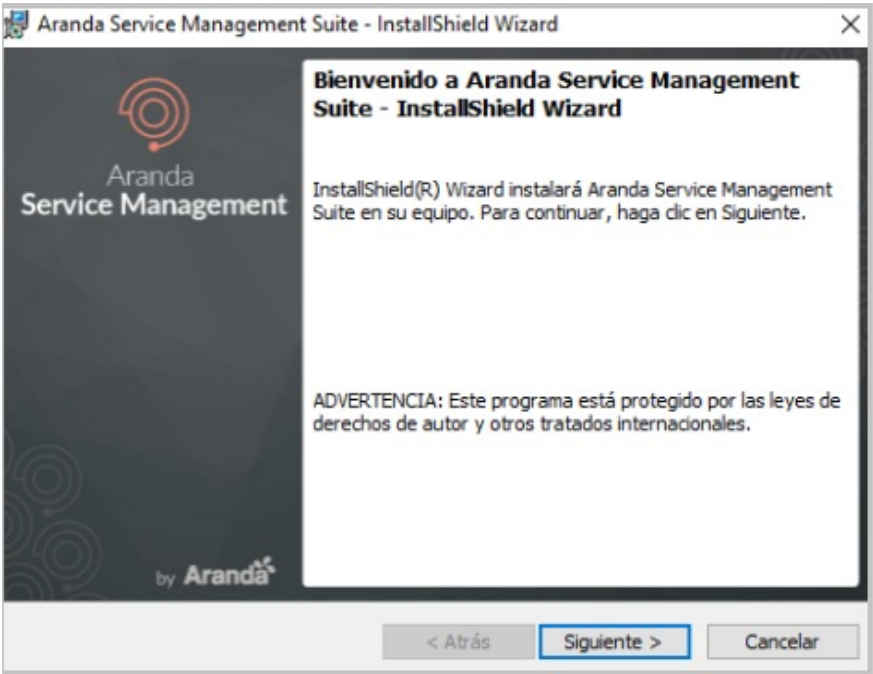
See the [User Manual Aranda Database Tools V9](#)

ASMS Installation

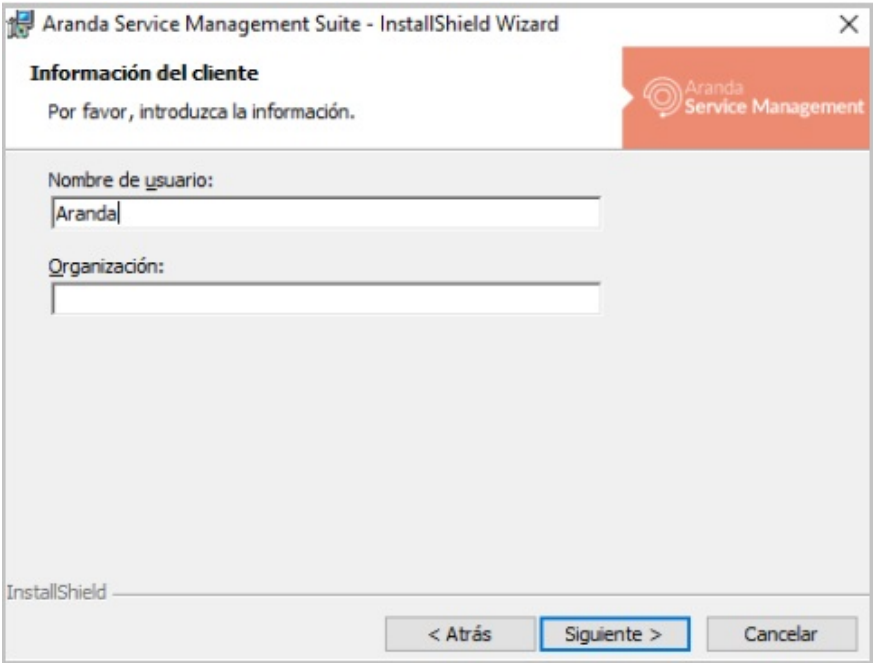
Installation of ASMS On Premise

The installer Aranda.ASMS.Installer installs four websites (ASMSAdministrator, ASMSSpecialist, ASMSCustomer, and ASMSAPI) and three services (Aranda License Windows Service, Aranda Scheduler Windows Service, and Aranda Worker Windows Service).

1. Double-click on the installer file and you will see the welcome screen. Confirm the installation by clicking the Following.



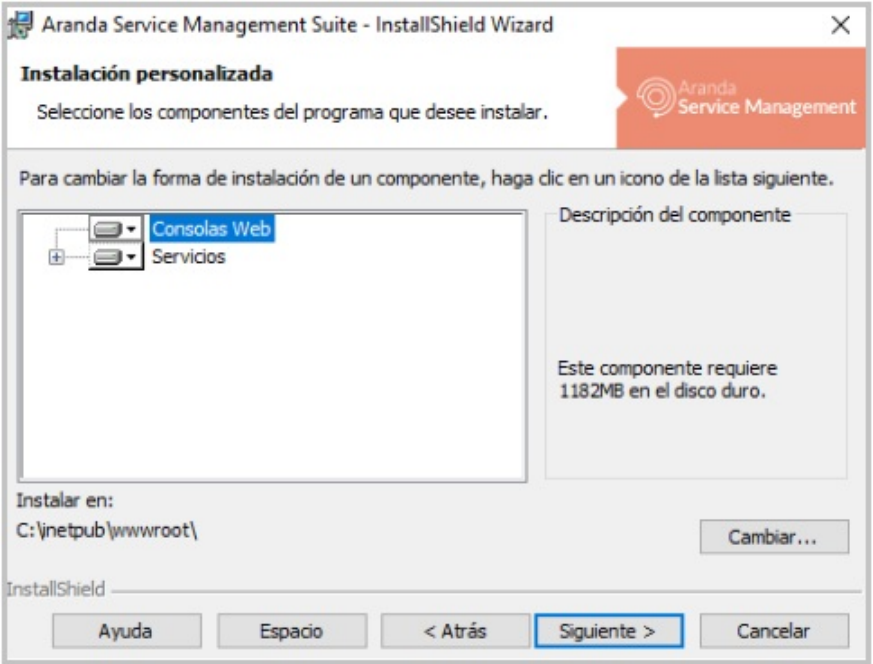
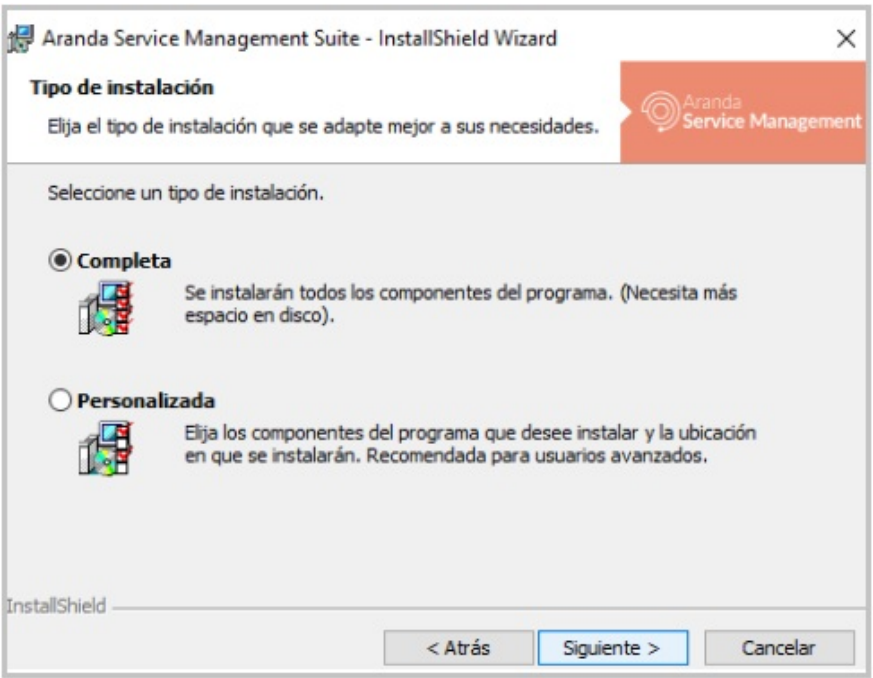
2. In the window Customer Information, enter the user name, organization, and click Following.



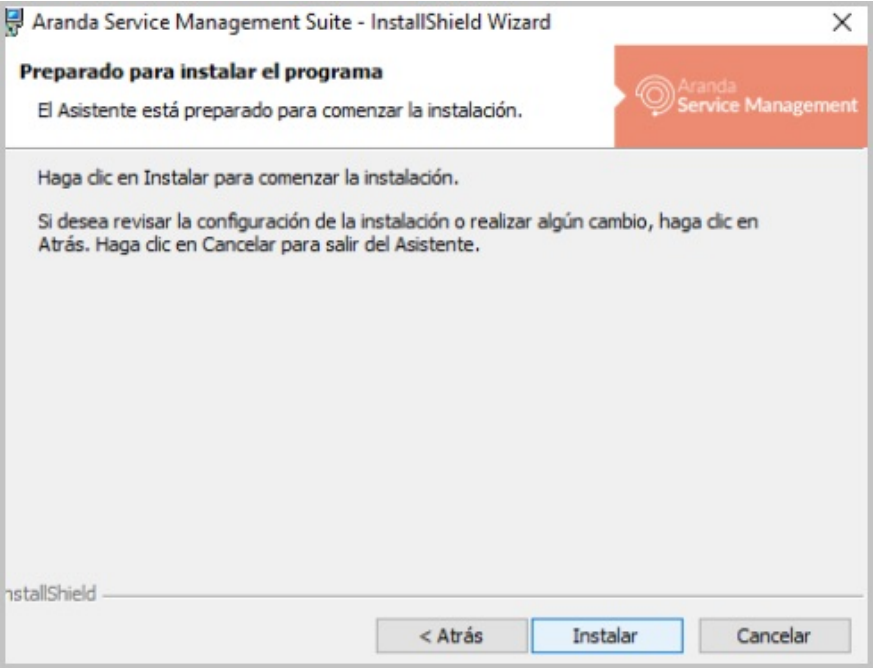
3. In the window Type of installation You can configure the following options:

- Complete: All sites and services will be installed on the default routes.
- Custom: You can change the installation path of websites and services.

⌵ Note: By default, the installation type must be selected Complete. In the case of separating the solution layers (Web, Application) on separate servers, select the Custom



4. Setting the installation type, in the window Preparing to install the program Click Following and then click the Install.

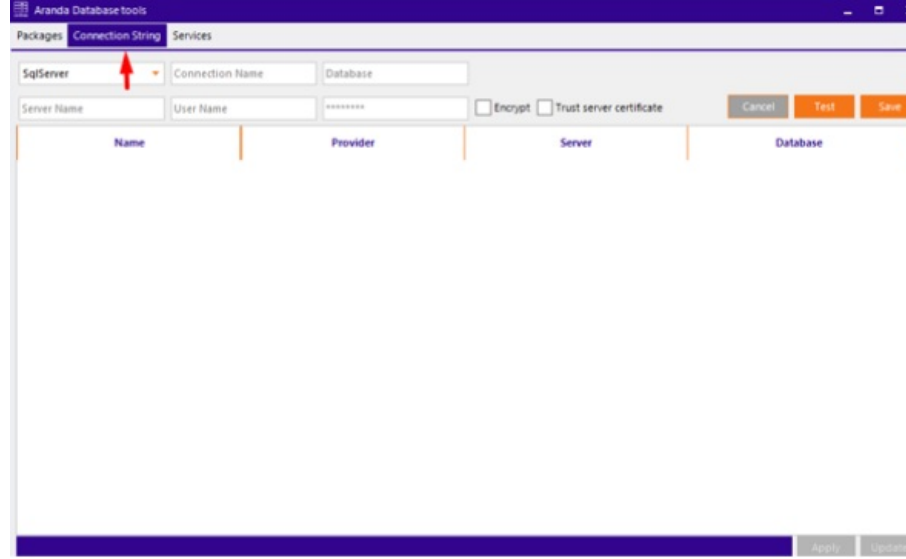


5. When the installation process is finished, click the End.

Database Connection

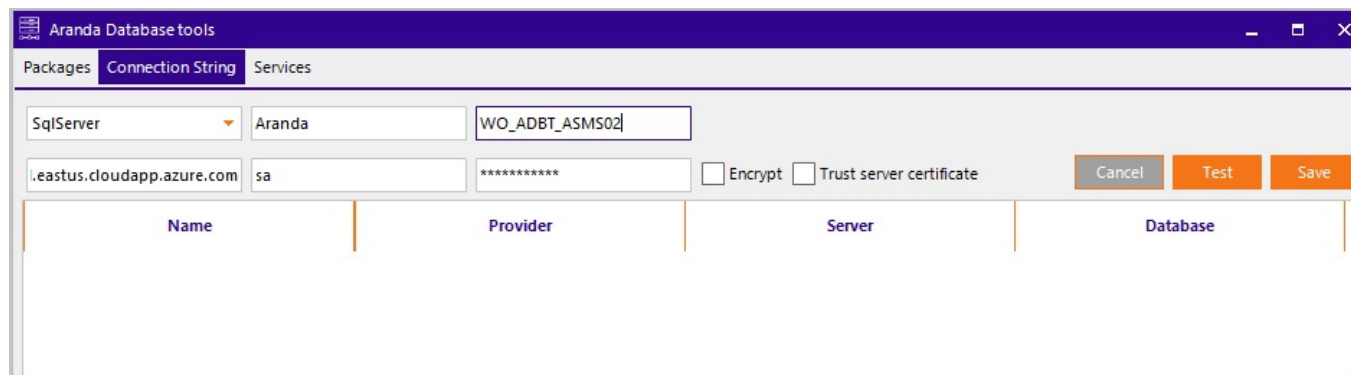
Database Connection

1. Once the installation of Aranda Service Management Suite, proceed to configure the connection strings of the sites and services to the database via the Aranda Database Tools v9. To do this, run the module and click on the Connection String.

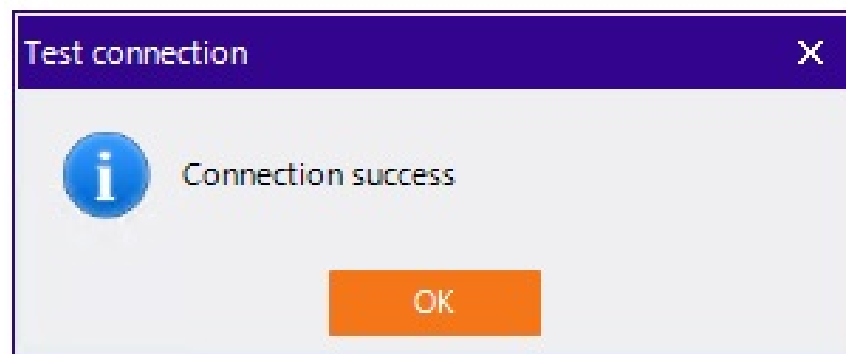


2. Fill in the requested data.

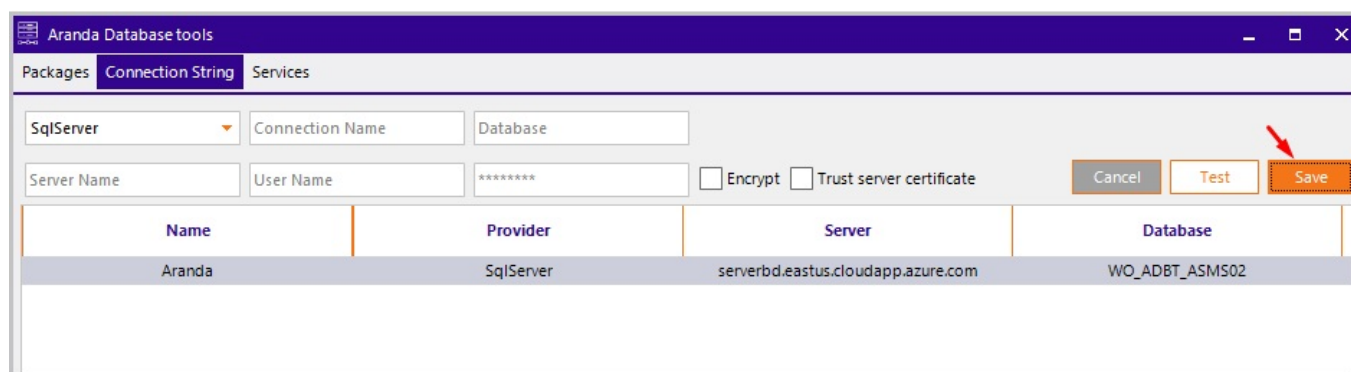
- Select the database engine (SQL Server).
- Give it a name to identify the connection.
- Record the connection data (database name, server name or IP address, and if required username and password).
- In case the database port is different from the default port (1433 for SQL Server), the server must be written as servername:port (e.g. ARANDADBSERVER:5555)
- By default, the “Encrypt” option should be checked to ensure that the connection between the solution and the database is encrypted.



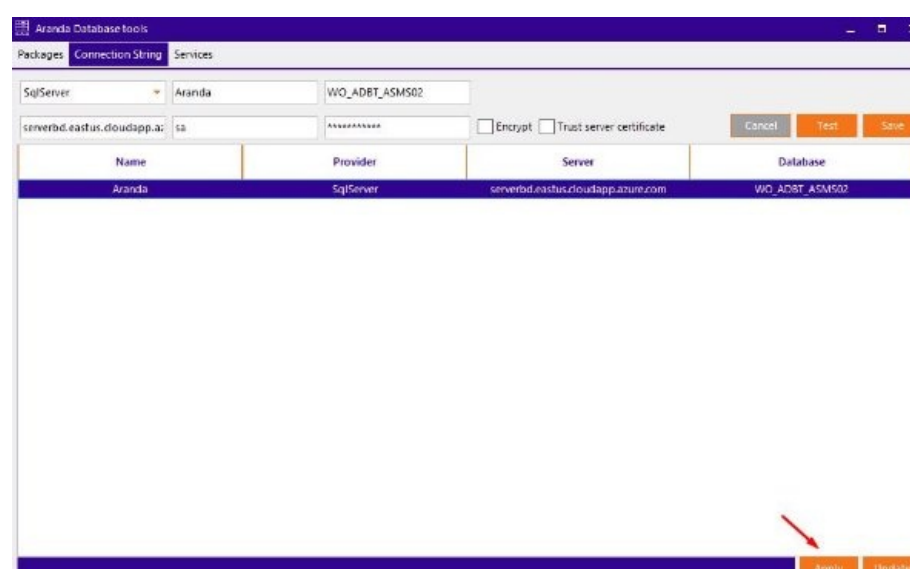
3. Click the Test to check the connection.



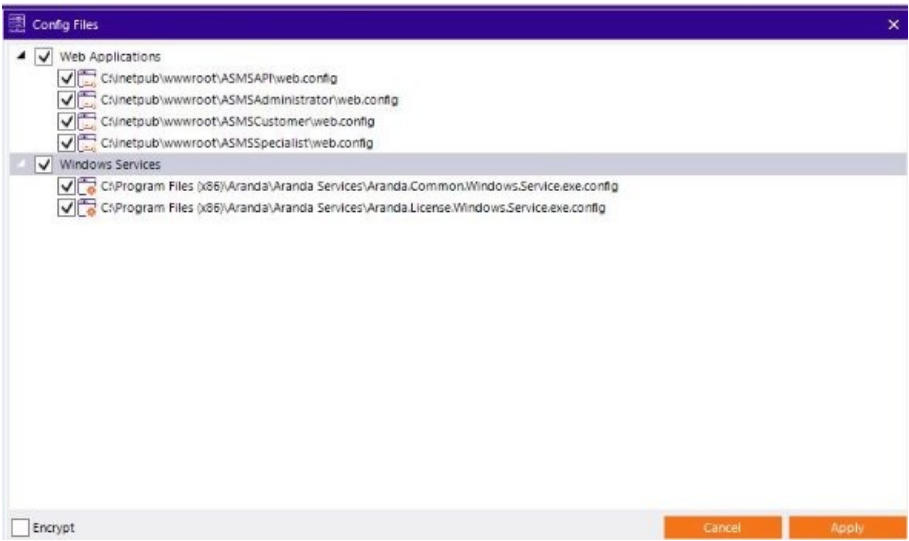
4. To finish click on the Save to save the connection.



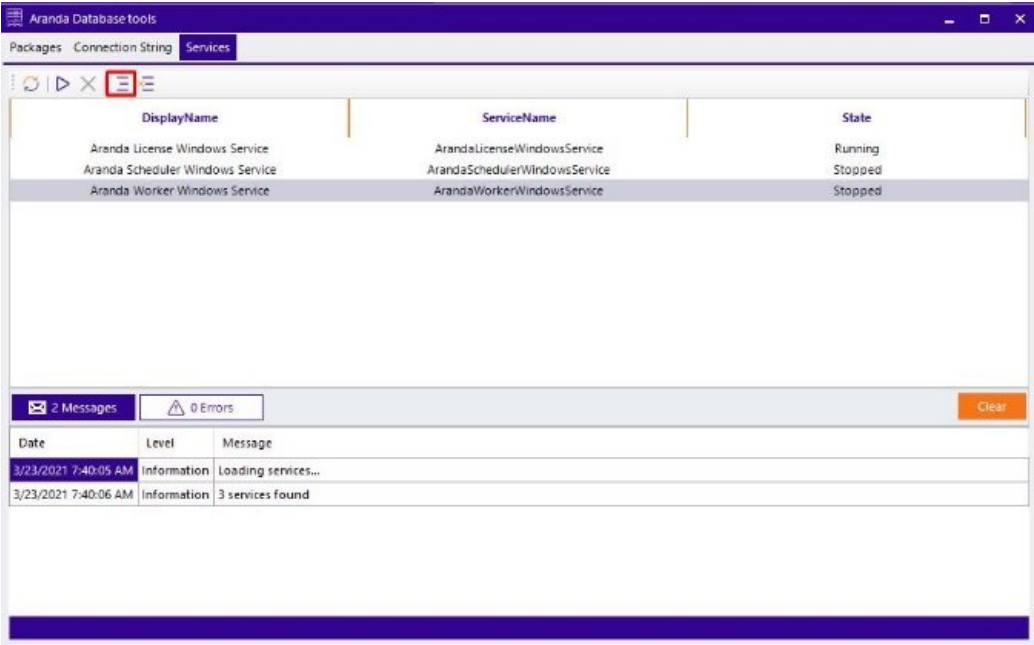
5. To apply connection strings to installed applications, select the previously created connection and click the Apply.



6. A window is enabled with the list of applications and services available on the server.



7. Select all the websites and services corresponding to ASMS and click on the Apply, If you want to encrypt the connection, check the box Encrypt in the lower-left corner. 8. To finish, click on the Services and start all services.



9. Once the connection is established, you will be able to access the websites to start with the configuration of Aranda Service Management Suite through the following URL: [http\(s\)://name_servidor:port/ASMSAdministrator/](http(s)://name_servidor:port/ASMSAdministrator/).

