

JBC\_Net



WEB MANAGER

INSTALLATION GUIDE

**JBC**  
The Soldering Co.



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## Introduction

More than 85 years of experience have placed JBC at the technological forefront of tools for soldering and rework operations in electronics.

Innovation, efficiency, and reliability are the key features of a wide range of products which have been designed to satisfy the most demanding requirements of professionals.

One of the tools of JBC Net system is the Web Manager which allows you to manage JBC soldering stations. Like any software, it has some previous requirements. Now we are going to describe how to install it, step by step.

## Intended recipients

This manual is written for users of JBC Web Manager and explains how to install the previous requirements of this software.

## System requirements

The Web Manager software does not require installation on the user's computer because it uses a web browser to access the different stations. The following operating systems and browsers are compatible:

- Windows 7 or latest version. (64 Bit versions are recommended)
- Windows 2008 server or latest version.
- Internet Explorer 9 or latest version.
- Firefox 8 or latest version.
- Chrome 14 or latest version.

Other browsers may work with the Web Manager application, but not all the functions may be available.

## Web Manager Requirements

- Internet Information Services (IIS) 10.0 Express (<https://www.microsoft.com/es-es/download/details.aspx?id=48264>).
- Microsoft® SQL Server® 2012 Express With Tools (<https://www.microsoft.com/es-es/download/details.aspx?id=29062>).

## Installation

### Internet Information Services (IIS)

The user has to execute the IIS Express.

Then, we have to enable some components of IIS.

In Panel Control, we have to Access to

“Programs and Characteristics” -> “Enable or disable Windows characteristics”.

The following options have to be checked:

- Internet Information Services
  - Web administration tools
    - Compatibility with the administration of IIS 6
    - Compatibility with the IIS 6 and IIS metabase configuration
    - IIS administration console
    - IIS administration tools and scripts
    - IIS administration service
  - World Wide Web Services
    - Application development features
      - ASP.NET 4.6
      - .NET 4.6 Extensibility
      - ISAPI extensions
      - ISAPI filters
    - Common HTTP features
      - Static content
      - Default document
    - Security
      - Basic authentication
      - Windows authentication
      - Request filter

The user has to check if the installation is ok. To do it, open a navigator and introduce the next url:

<http://localhost> . The web page showed has to be:

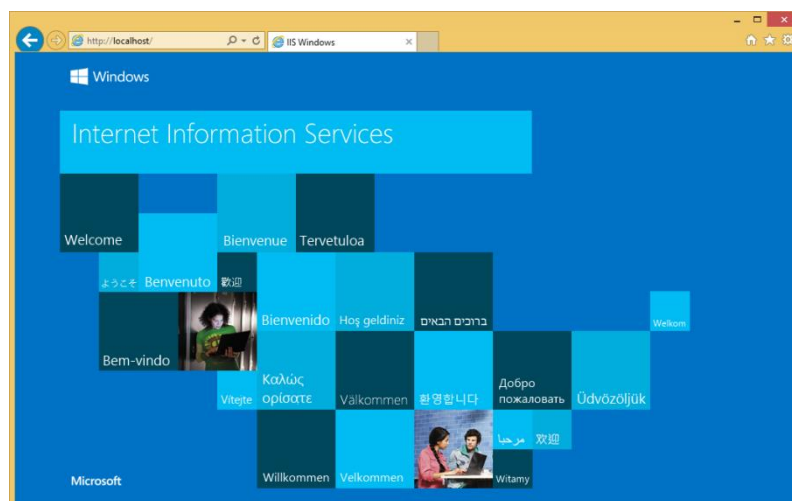


Image 1. IE localhost web apperance

## Microsoft SQL Server

We recommend to install Microsoft SQL Server with an Ethernet connection.

Now the user has to configure SQL Server. Step by step:



Image 2. SQL Server installation

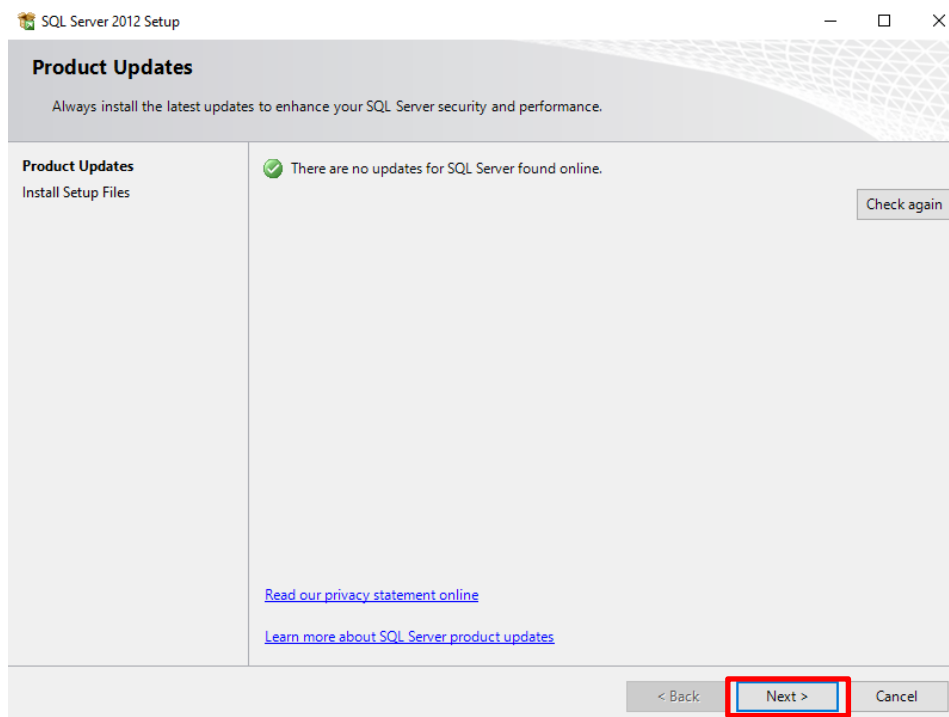


Image 3. SQL Server installation

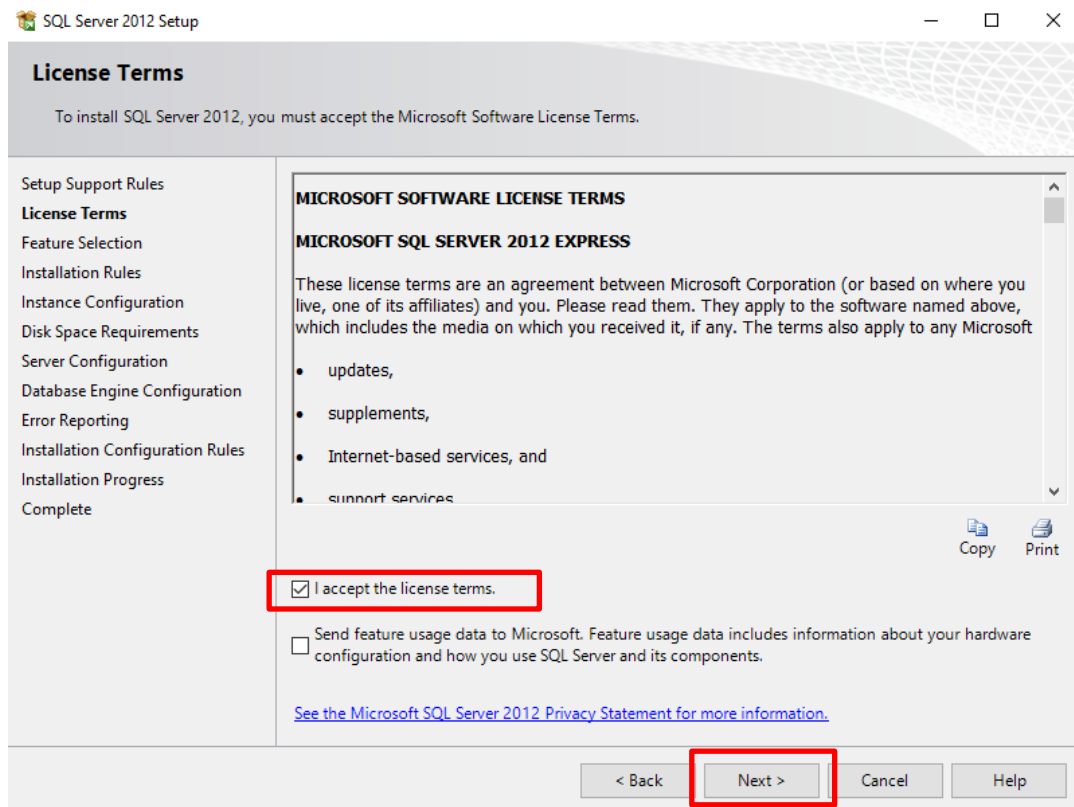


Image 4. SQL Server installation

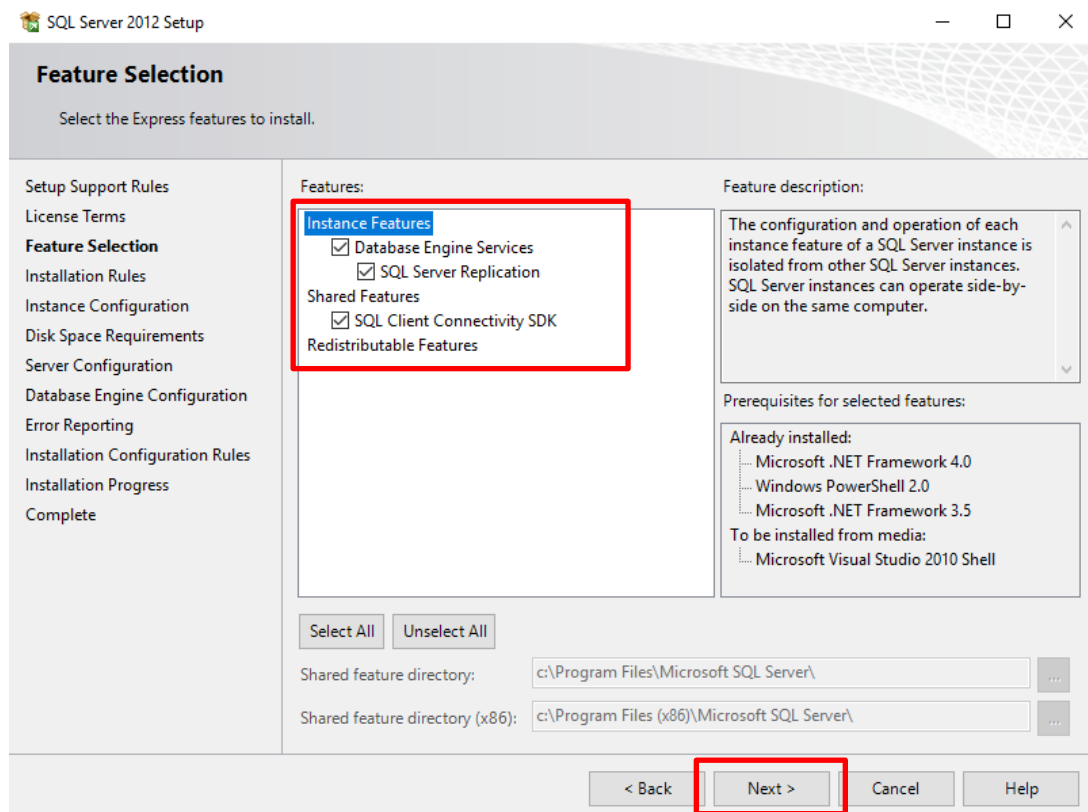


Image 5. SQL Server installation

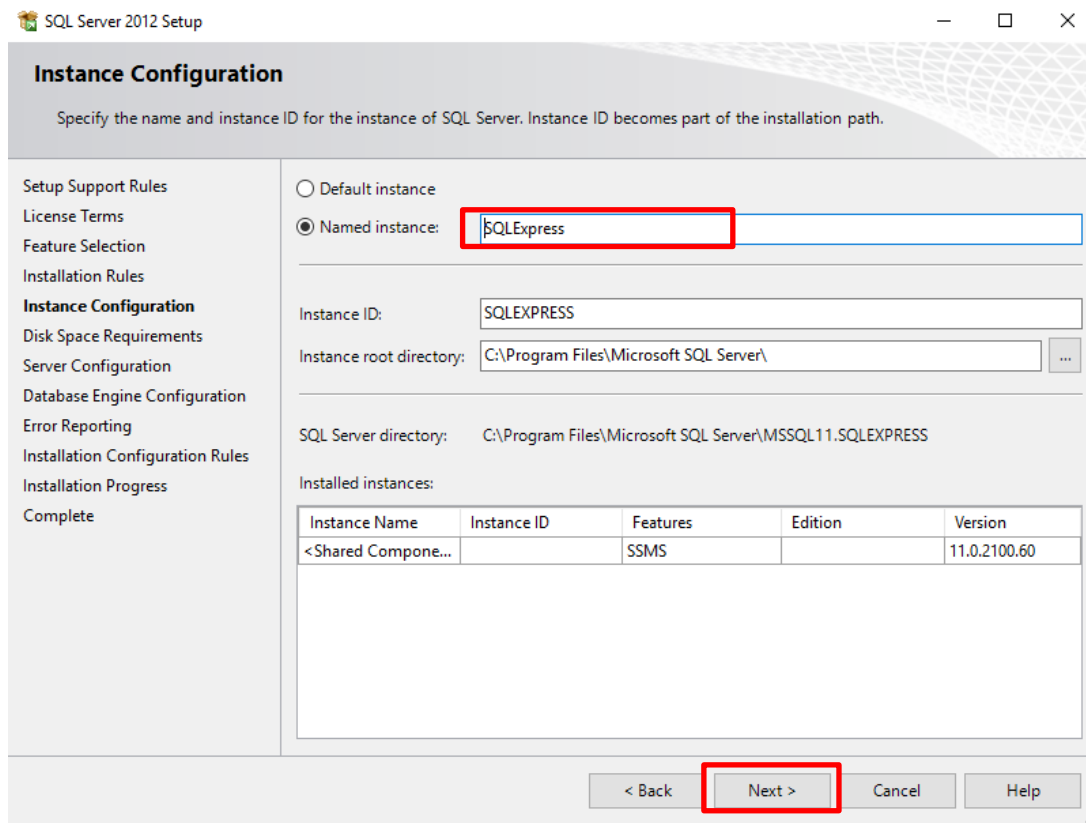


Image 6. SQL Server installation

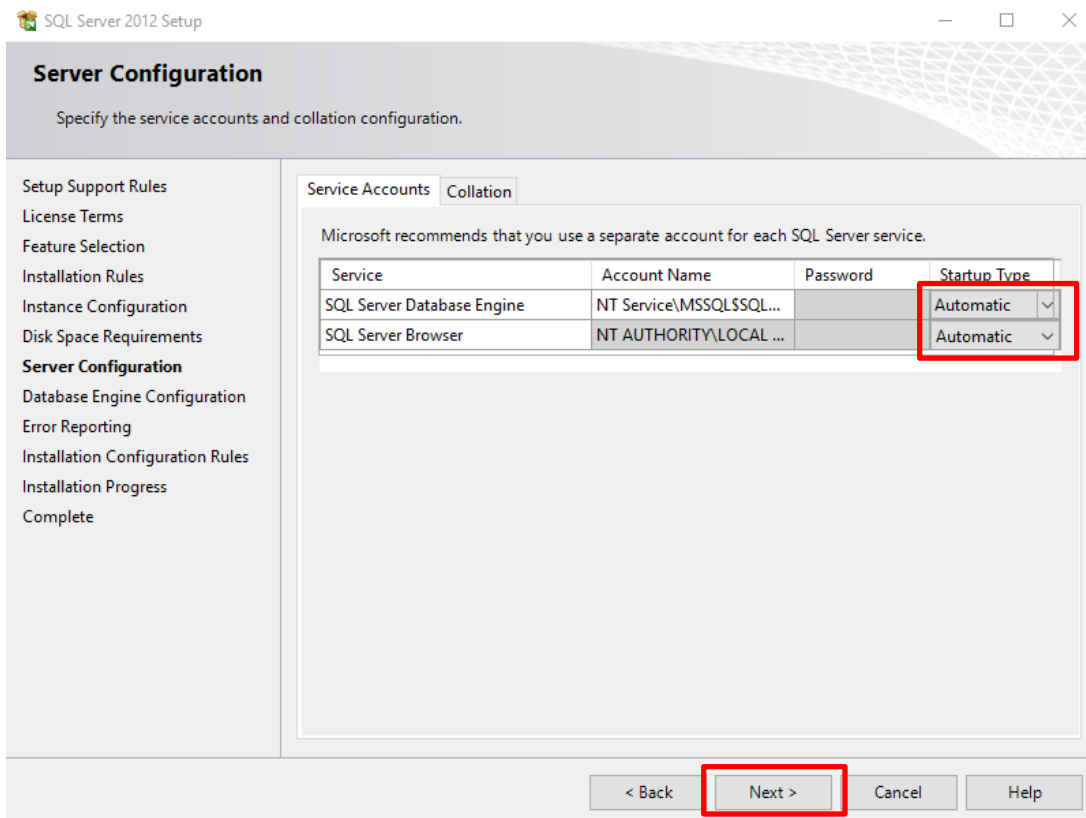


Image 7. SQL Server installation



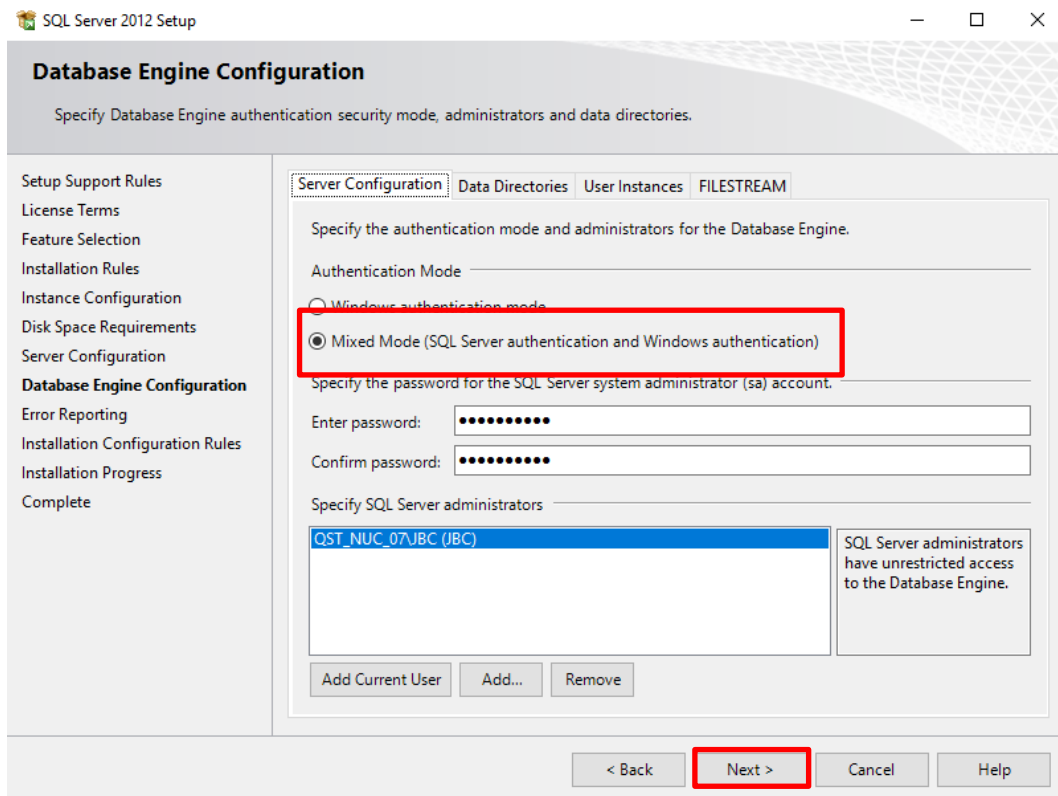


Image 8. SQL Server installation

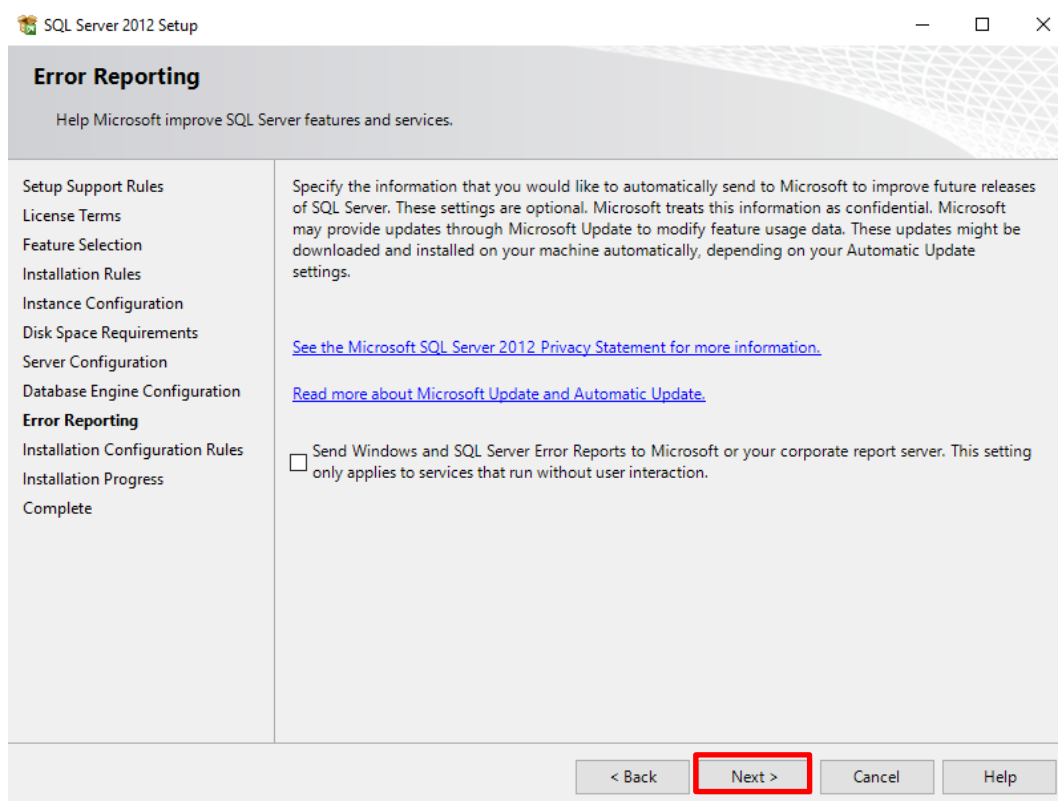


Image 9. SQL Server installation

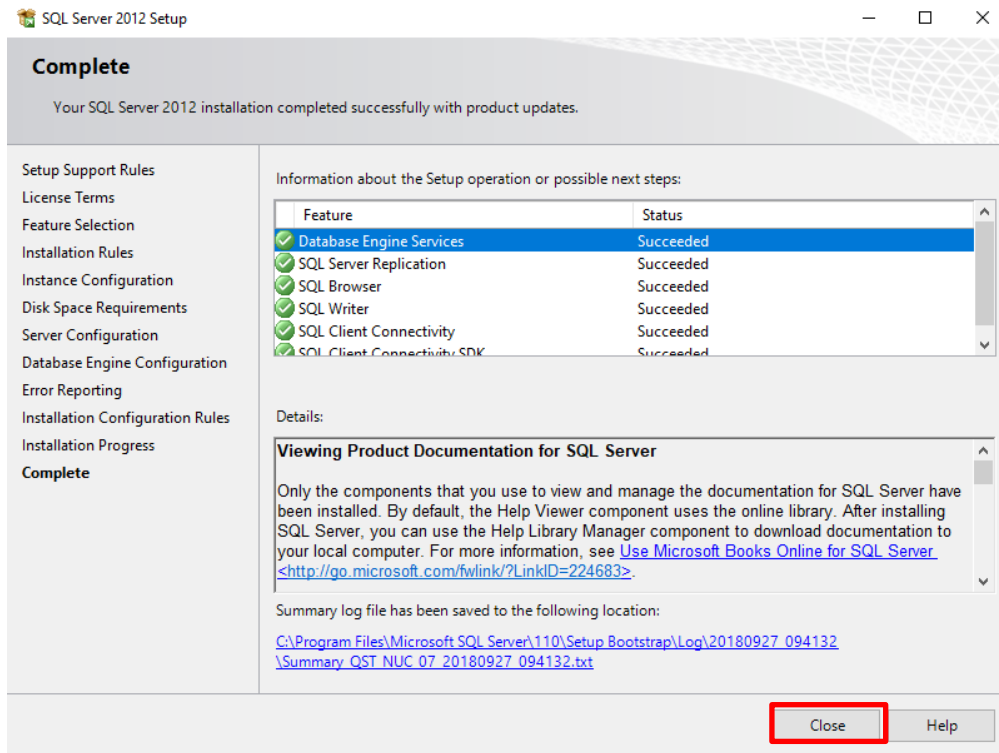


Image 10. SQL Server installation

Now it's installed correctly. Then the user has to open "SQL Server Management Studio 2012".

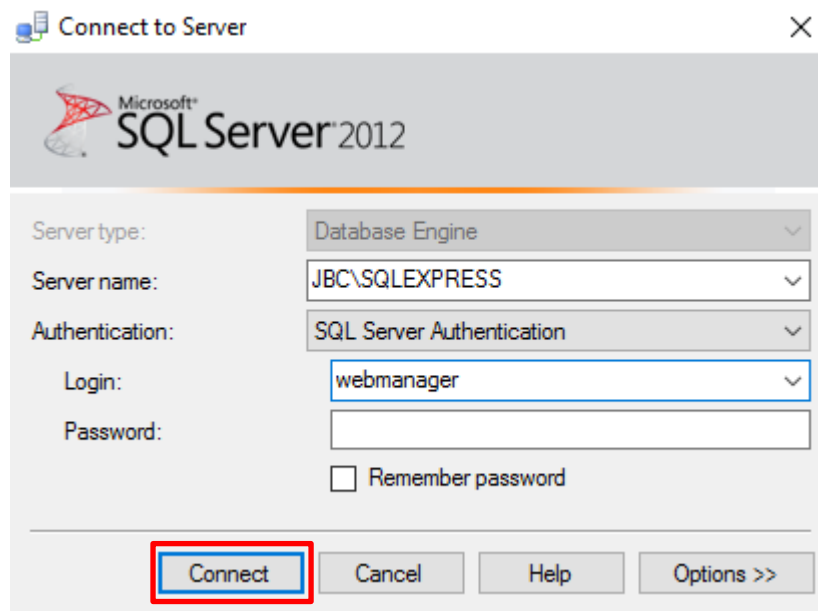


Image 11. SQL Server opening window

Then the user has to create a new database called “WebManager”.

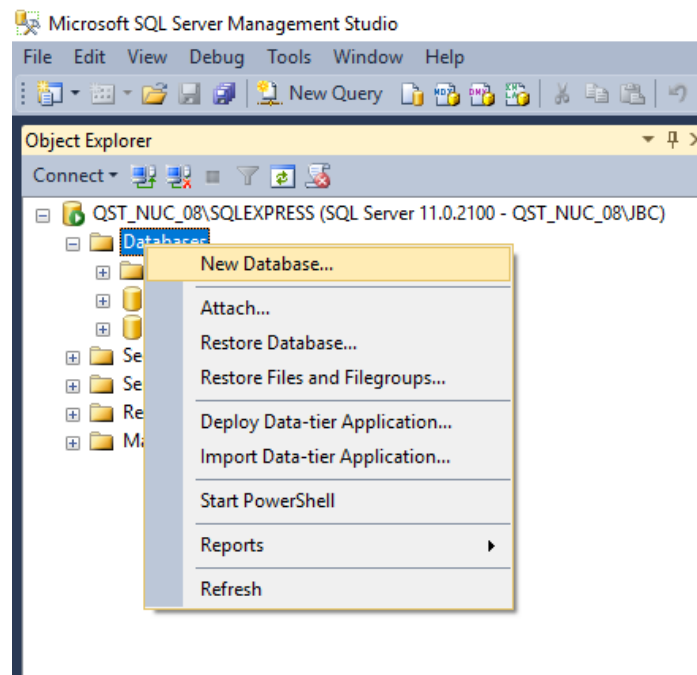


Image 12. SQL Server

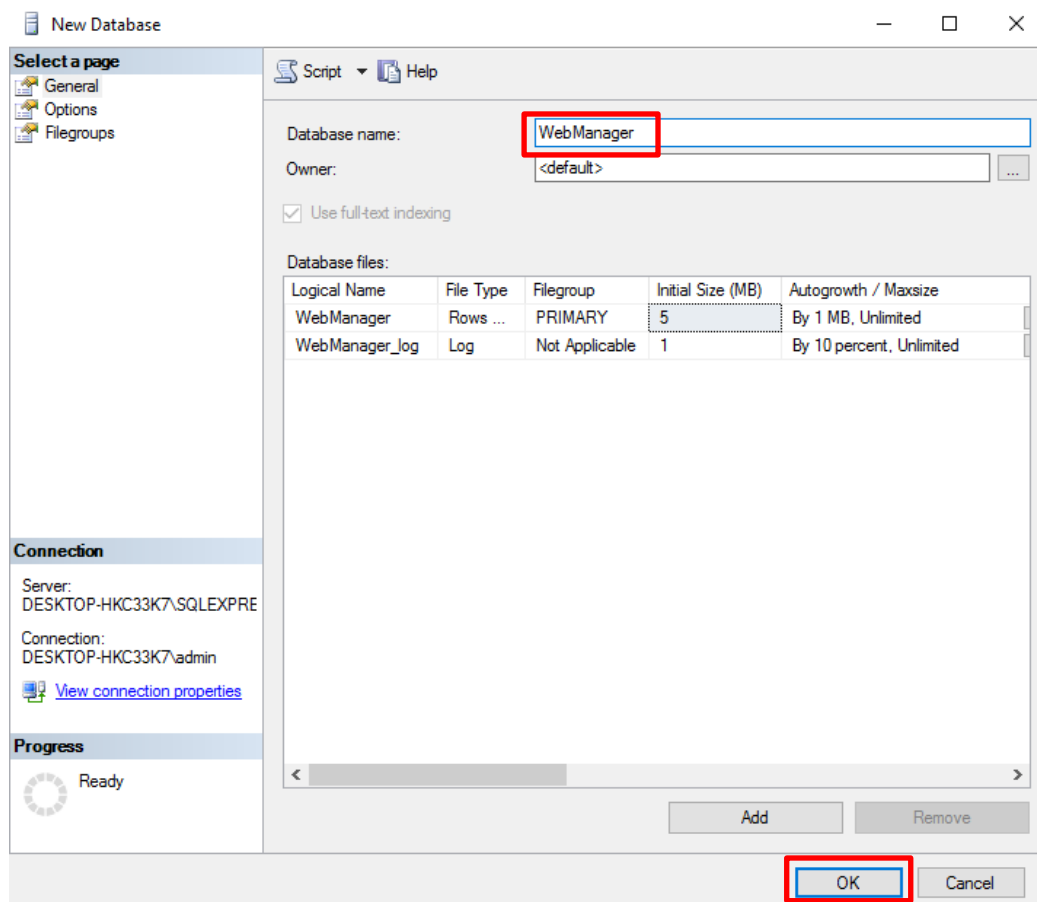


Image 13. SQL Server

Then the user has to create a new login and configure to be used in Web Manager database.

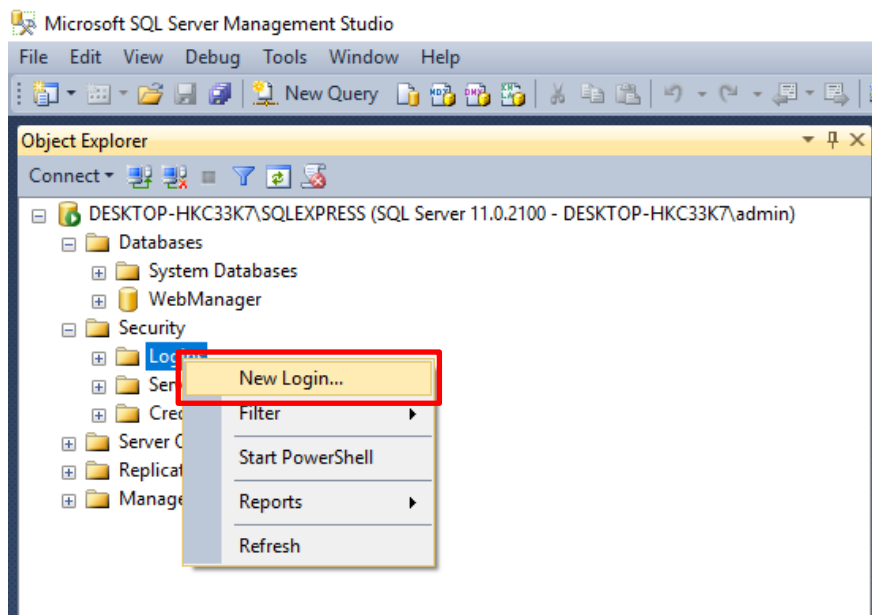


Image 14. SQL Server

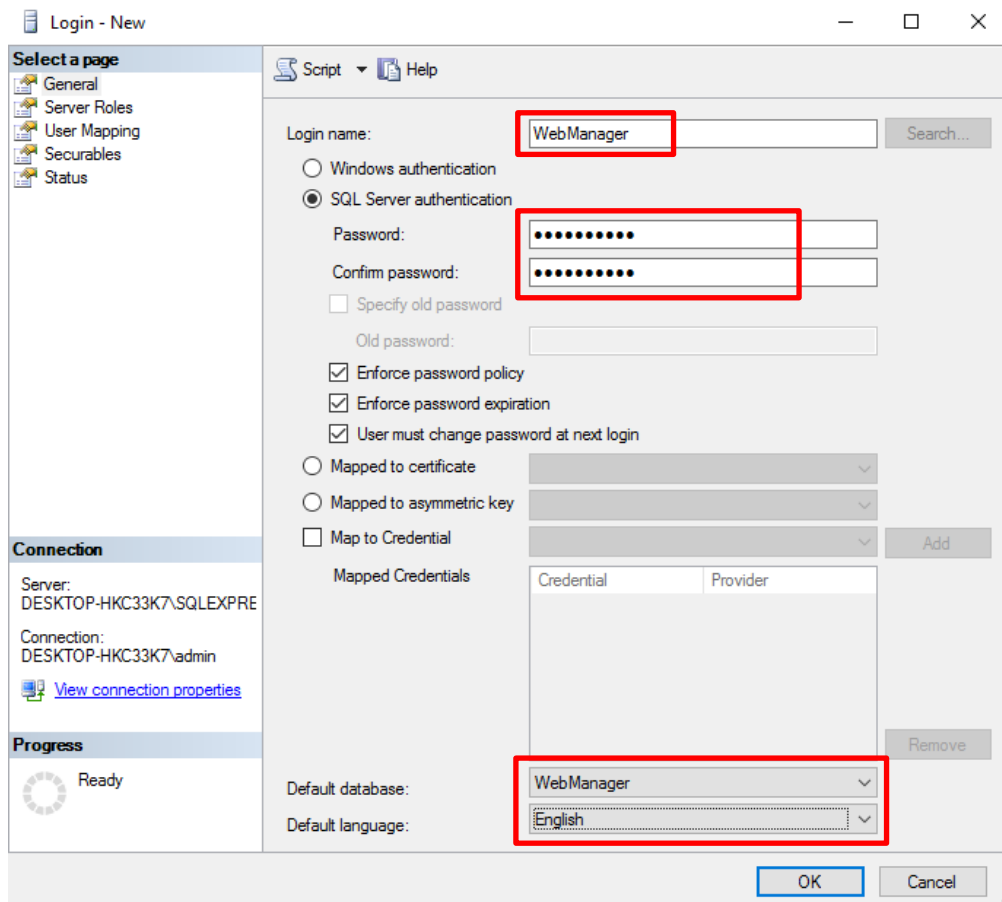


Image 15. SQL Server

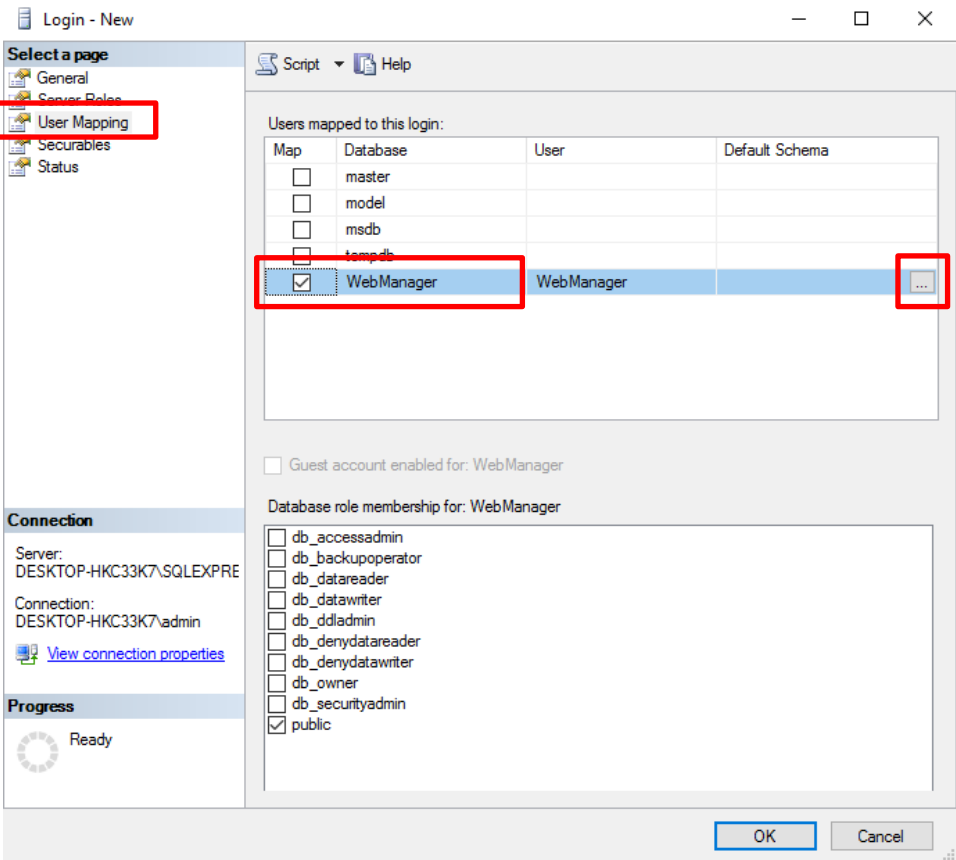


Image 16. SQL Server

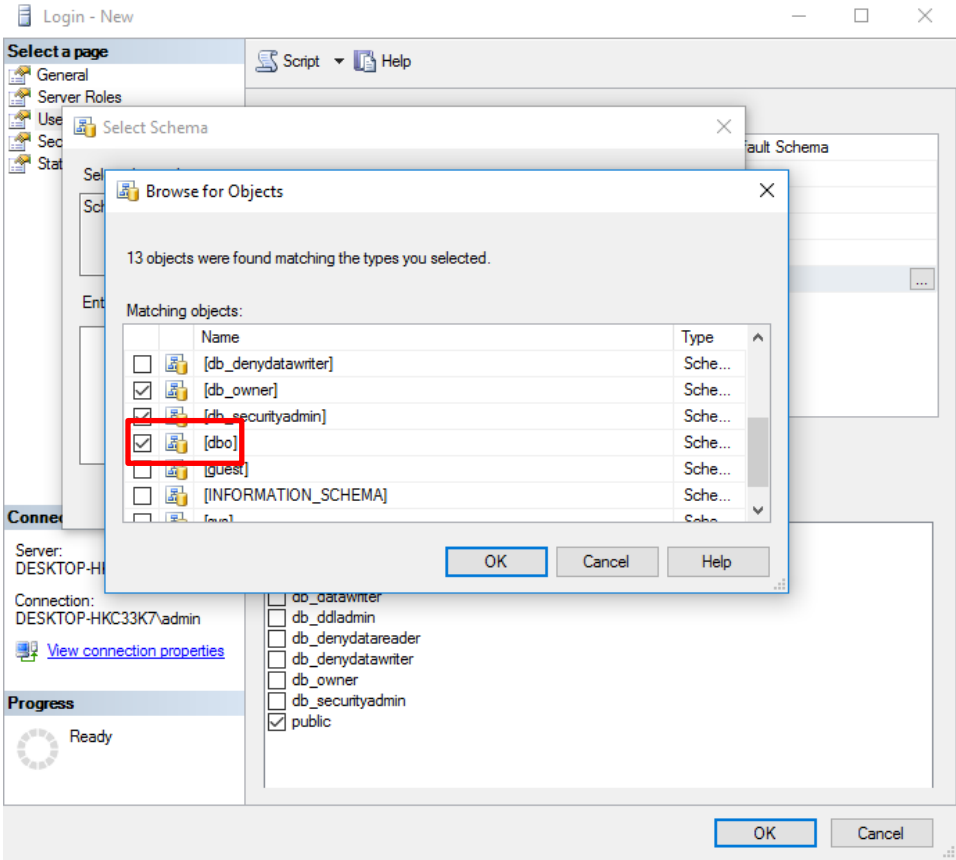


Image 17. SQL Server

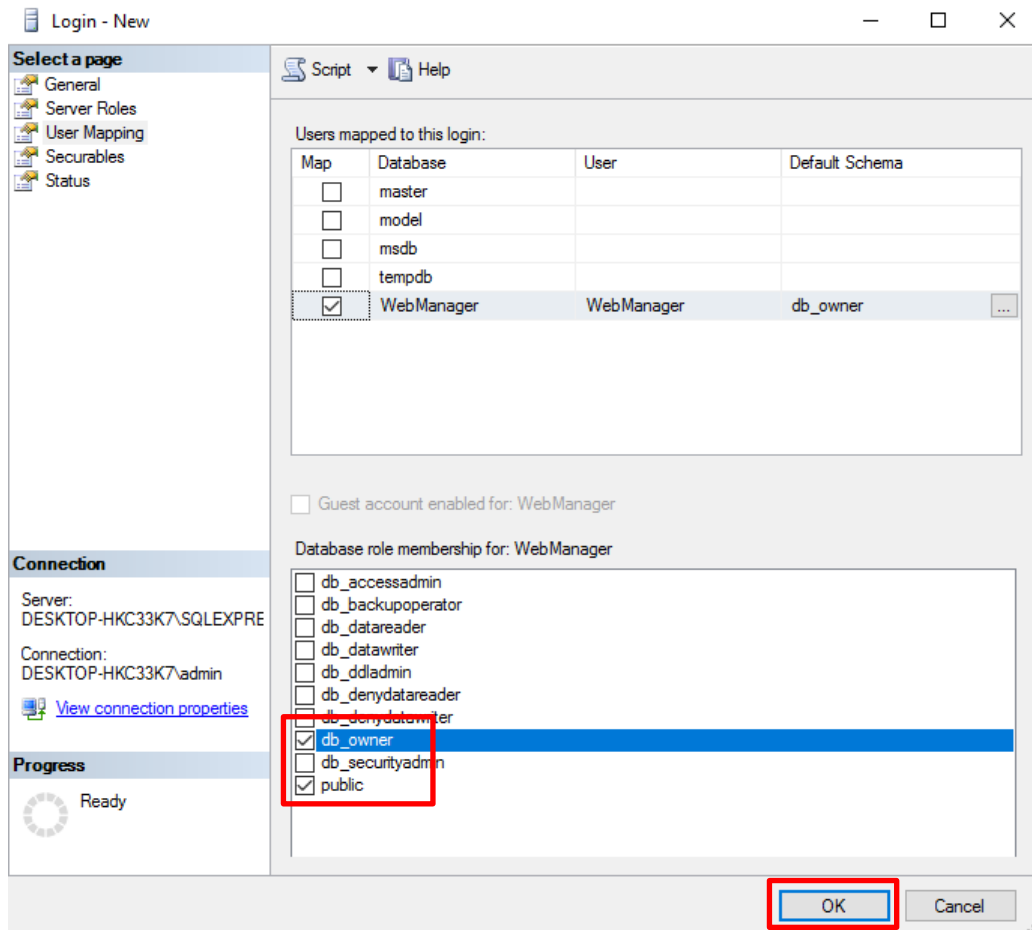


Image 18. SQL Server

Then the user can run the WebManager installer “Setup”.

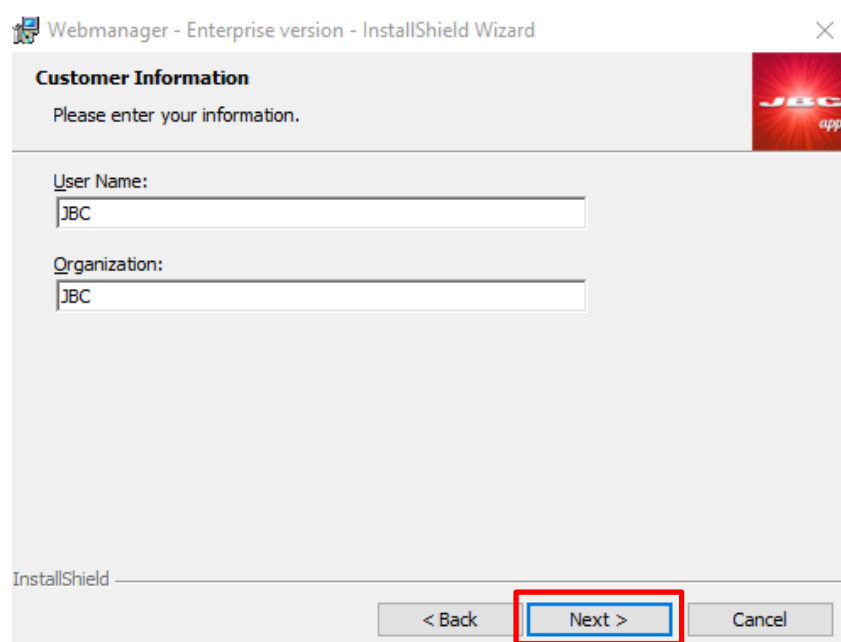
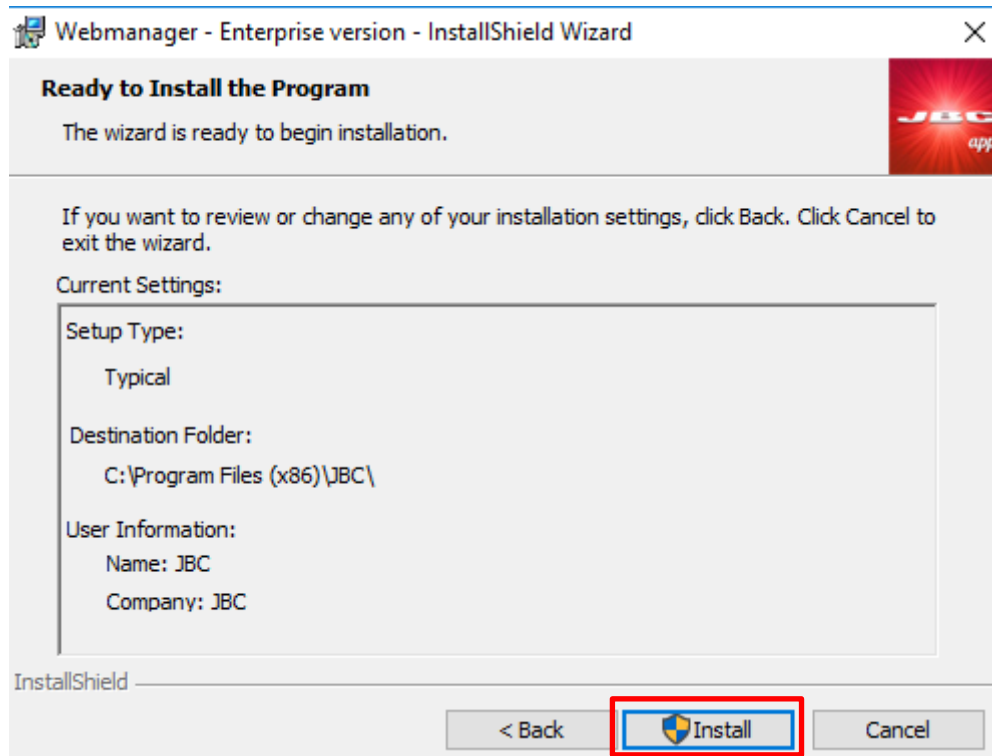
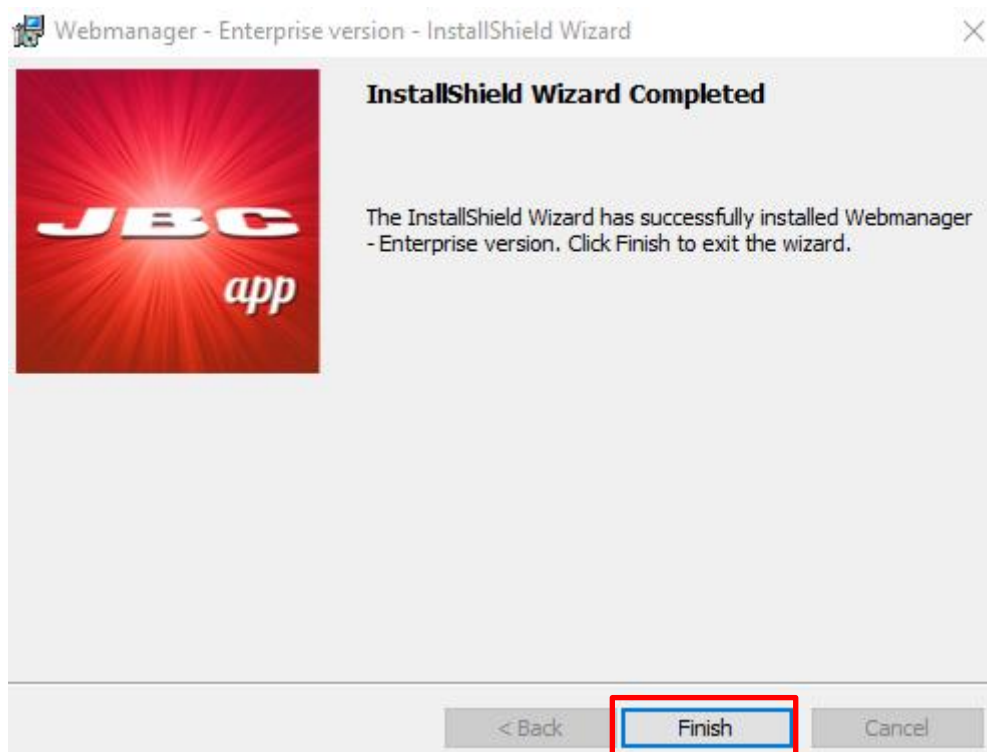


Image 19. WebManager installation

*Image 20. WebManager installation**Image 21. WebManager installation*

Then, the user has to navigate in the next URL: <http://localhost/WebManager>

The screenshot shows the JBC WebManager configuration interface. At the top, the JBC logo and website URL 'www.jbctools.com' are displayed. Below this is a navigation bar with five tabs: 'Presentation', 'Admin. Data', 'Email Data', 'Database Data', and 'Execute'. The 'Admin. Data' tab is currently selected. A progress bar is located below the navigation bar. The main content area contains a text box with the following instructions: 'For proper installation of the application then this information will be requested:'. Below this, there is a list of requirements: '- Data about the administrator user of the Web Manager.', '- Data for using email: smtp server, port, user and password.', '- Data to connect to a Sql Server database: server name, database name, user and password.', and '- After entering this data, the installer deletes all...'. A language dropdown menu is set to 'English'. At the bottom, there are 'Cancel' and 'Next' buttons. The 'Next' button is highlighted with a red rectangle.

Image 22. WebManager configuration

The screenshot shows the JBC WebManager configuration interface, specifically the 'Admin. Data' step. The navigation bar and progress bar are the same as in the previous image. The main content area is titled 'Entering administrator data'. It contains five input fields: two for the username (both containing 'jbc'), one for the email address (containing 'jbc@jbctools.com'), and two for passwords (both masked with '\*\*\*\*\*'). These input fields are grouped within a red rectangular border. To the right of the input fields, there is a summary table with two rows: 'Presentation' with a green checkmark, and 'Entering administrator data'. At the bottom, there are 'Cancel', 'Previous', and 'Next' buttons. The 'Next' button is highlighted with a red rectangle.

Image 23. WebManager configuration



The next step is optional, the user can configure the SMTP server, if it doesn't apply press "Next".

The screenshot shows the JBC WebManager configuration window. At the top, the JBC logo and website URL are displayed. Below the logo is a progress bar with five steps: Presentation, Admin. Data, Email Data, Database Data, and Execute. The 'Email Data' step is currently active. The main area is titled 'Entering email data' and contains five input fields: SMTP Server, Port, User, Password, and Repeat Password. To the right of these fields is a summary table with three rows: 'Presentation' with a green checkmark, 'Entering administrator data' with a green checkmark, and 'Entering email data' with a green checkmark. At the bottom of the window are three buttons: 'Cancel', 'Previous', and 'Next'. The 'Next' button is highlighted with a red rectangle.

Image 24. WebManager configuration

The user has to configure the Database link:

The screenshot shows the JBC WebManager configuration window. At the top, the JBC logo and website URL are displayed. Below the logo is a progress bar with five steps: Presentation, Admin. Data, Email Data, Database Data, and Execute. The 'Database Data' step is currently active. The main area is titled 'Entering WebManager database data' and contains four input fields: a text field with 'DESKTOP-HKC33K7\SQLEXPRESS', a text field with 'WebManager', a text field with 'webmanager', and a password field with masked characters. To the right of these fields is a summary table with one row: 'Connection OK' with a green checkmark. Below the input fields is a 'Connection Test' button. At the bottom of the window are three buttons: 'Cancel', 'Previous', and 'Next'. The 'Next' button is highlighted with a red rectangle.

Image 25. WebManager configuration

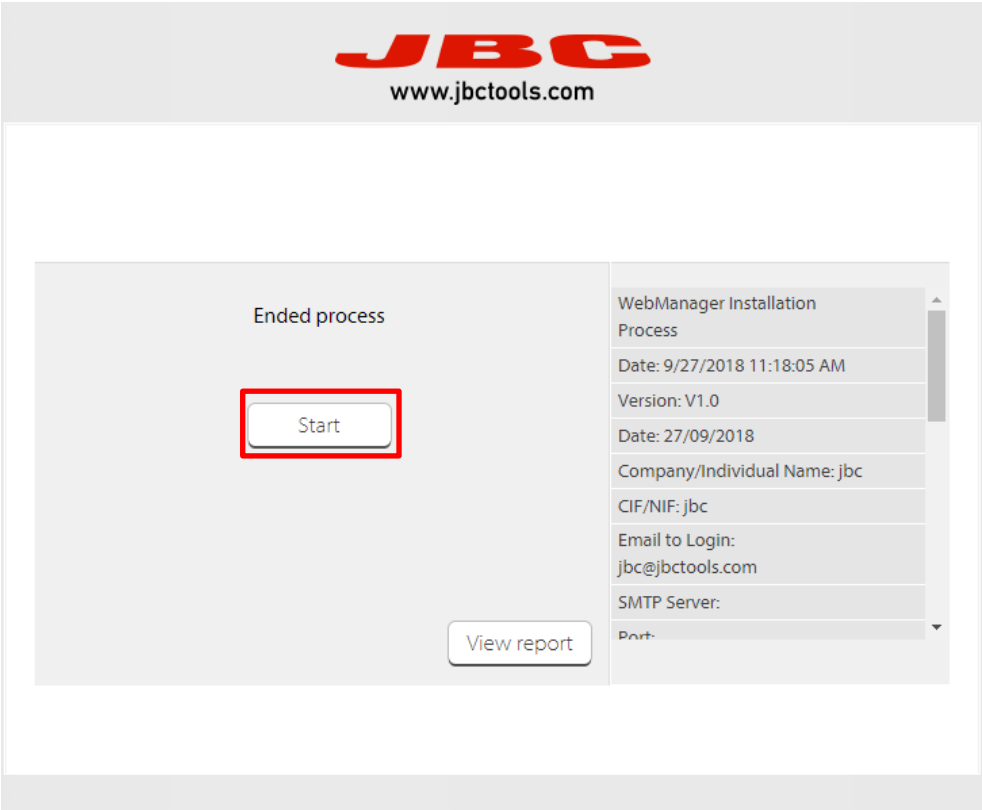


Image 26. WebManager configuration

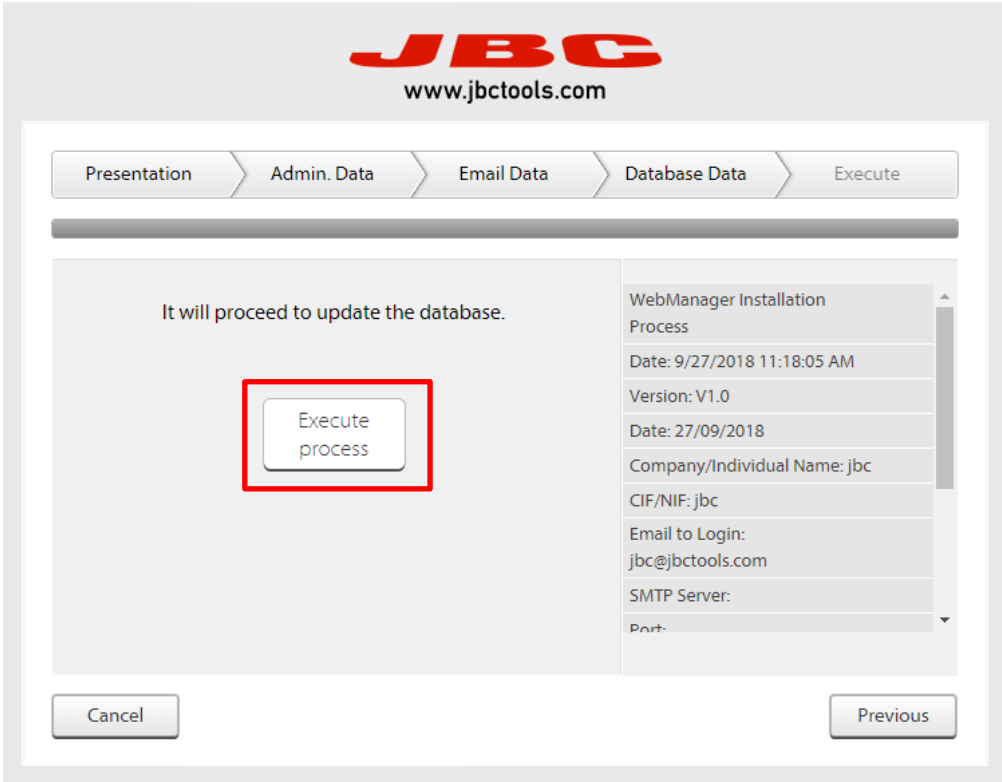


Image 27. WebManager configuration

Then, the user has to login and update the system.

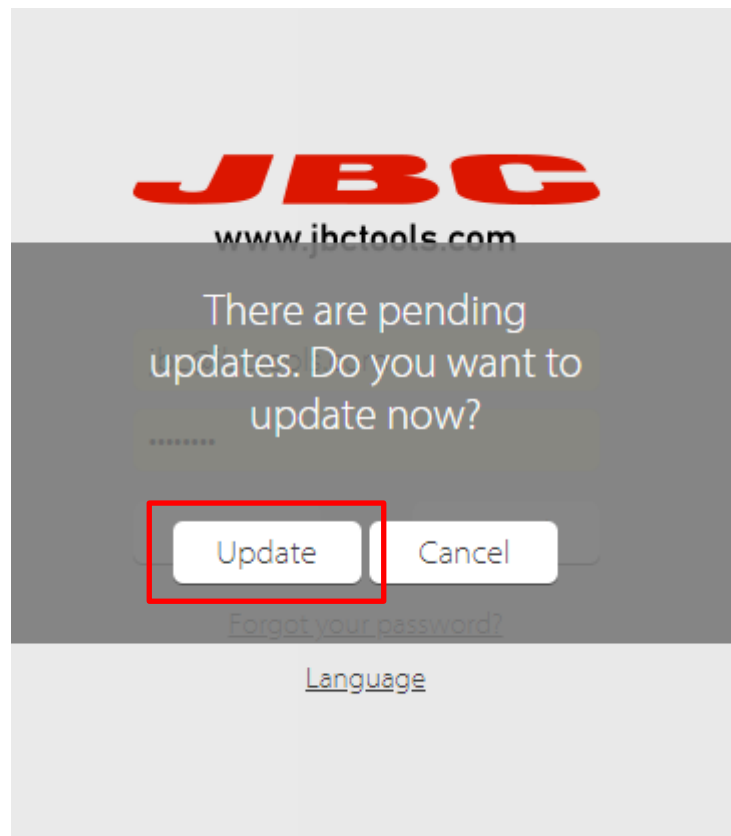


Image 28. WebManager configuration

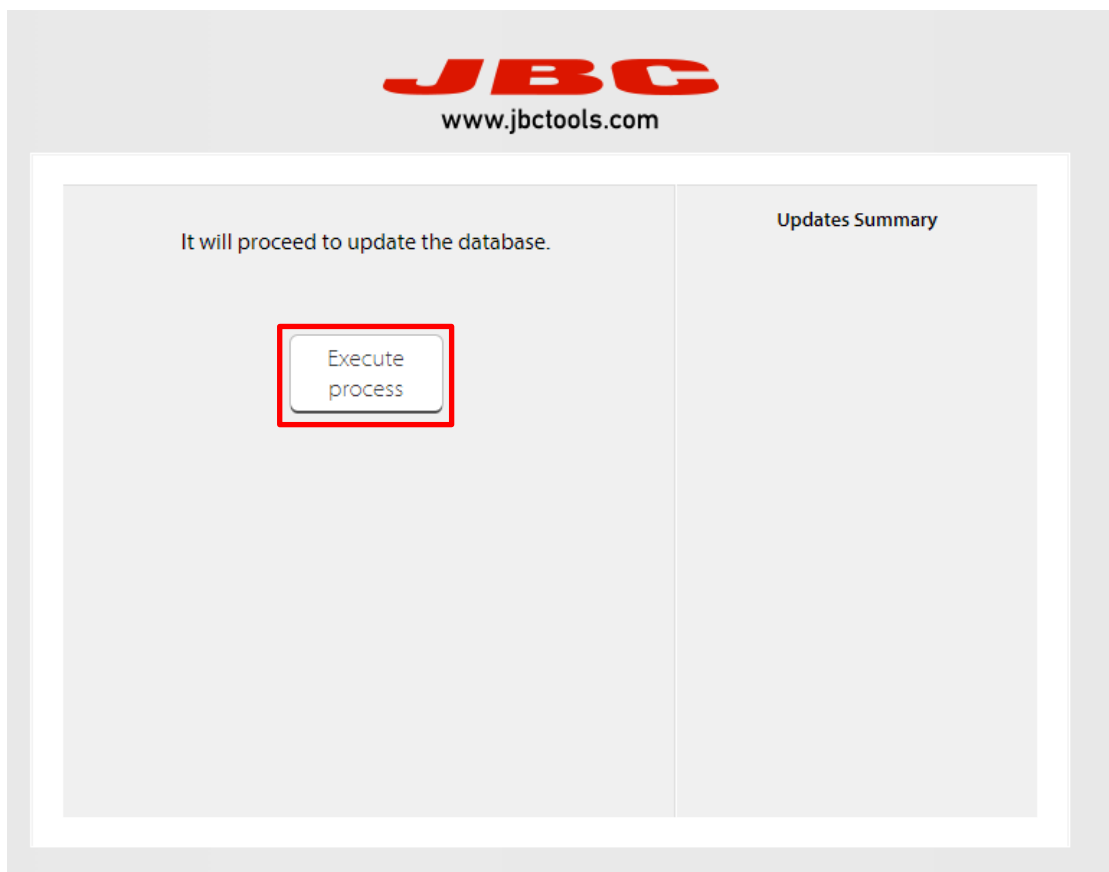


Image 29. WebManager configuration

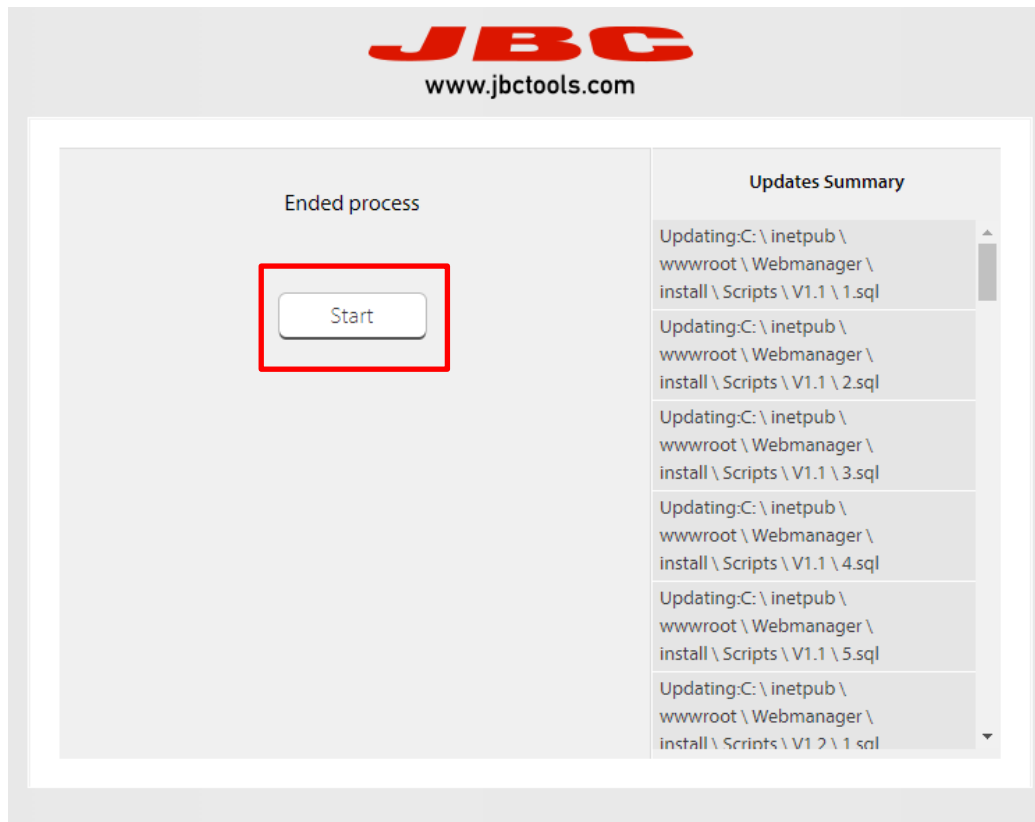


Image 30. WebManager configuration

Finally, the Web Manager it's installed correctly. The next step is press the button "Discovery" to search the Station Controller service and the stations connected.

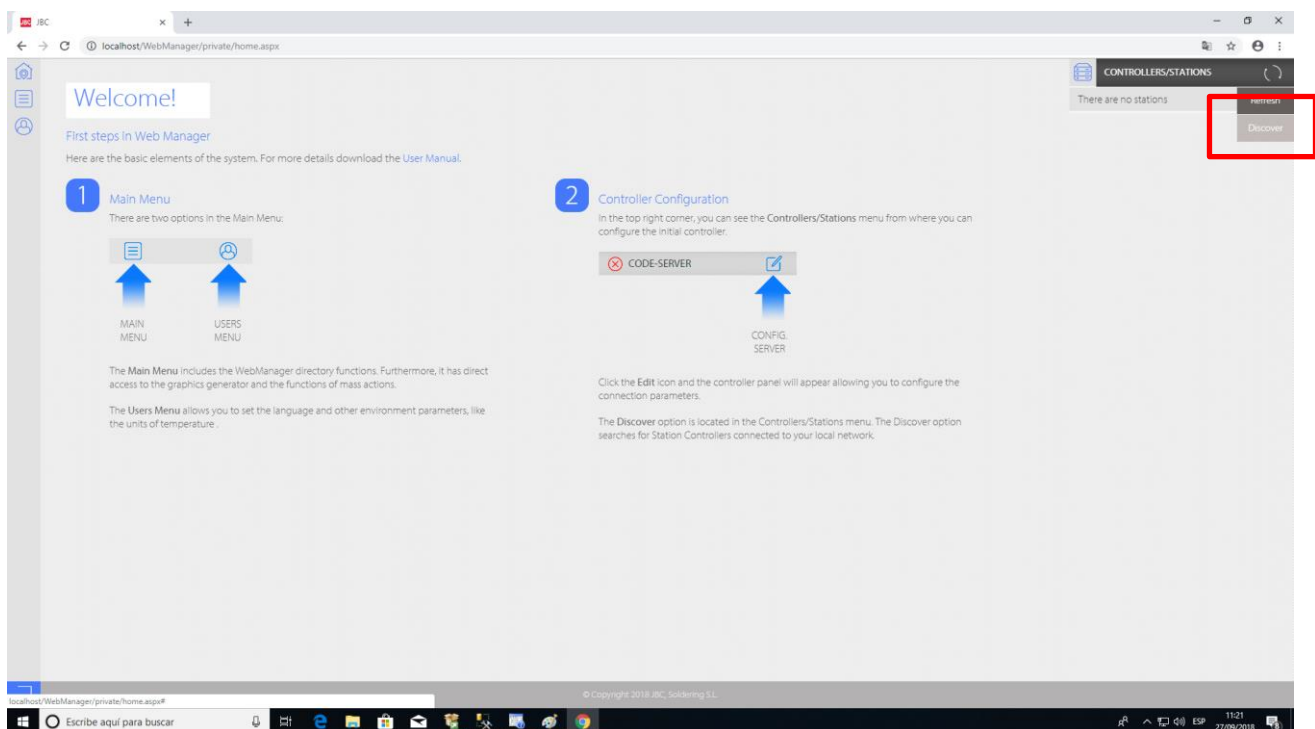


Image 31. WebManager

