

IBM Security Secret Server  
Version 10.4

*Installation Guide*

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# Introduction

This installation guide applies to installations on Windows Server 2016.

## ASP.NET WEBSITE

Secret Server is installed as an ASP.NET website. The setup.exe file sets up the website with the correct permissions and creates the settings in IIS.

## SQL SERVER DATABASE

Secret Server requires an instance of SQL Server for the database and is installed by the setup.exe file if it is missing. The SQL Server database requires an SQL account with *db\_owner* permission to complete the installation.

## ADMINISTRATIVE ACCESS

Throughout the installation, you must be an administrator to perform most of these actions. Ensure that you are logged on to your system with a Windows account that has administrative rights.

## Prerequisites

**Important:** Except for the Operating System, the following prerequisites are installed automatically by the installer. If you already have some of them installed or wish to install them yourself, then the installer skips over them.

If you are installing Secret Server for the first time, review the full list of system requirements and recommendations, which are located [HERE](#).

### SYSTEM REQUIREMENTS OVERVIEW

- **Windows Server 2016** operating system (2012 or later is suggested)
- Microsoft **SQL Server 2012** or later (Standard edition or higher is suggested)
- Microsoft **Internet Information Services (IIS) 7** or later
- Microsoft **.NET Framework 4.6.1** or later

**Note:** Windows Server 2016 comes with the .NET Framework already installed.

### MORE RECOMMENDATIONS

1. Use an SSL certificate for Secret Server.
2. Run [Microsoft Update](#) on your server to make sure that all components are up-to-date.

## Secret Server installer

### DOWNLOAD THE LATEST VERSION OF SECRET SERVER

The latest version of Secret Server is available for [download](#). By clicking the “Automated” Installer link, a setup.exe file is downloaded to your computer. It is suggested that you run the setup.exe file as an administrator.

### RUNNING THE INSTALLER

#### Welcome

On the **Welcome** window, verify that the Secret Server box is selected, and click **Next**. Installing Privilege Manager is optional. Click **Next** to proceed.



## Database

The **Database** page allows the user to choose to install SQL Express or connect to an existing SQL Server. When SQL Express is selected, the installer requires internet access to download the installation for SQL Server Express. The Express edition is only suggested for trial and sandbox environments.

- If internet access is not available a link to download SQL Server Express is displayed. At that point, they are expected to install SQL Server Express and then restart the installer.
- If internet access is available SQL Server Express is installed.



## Pre-Requisites

The **Pre-Requisites** page ensures that every prerequisite is set up correctly. Listed prerequisites can be installed outside of the installer, but if not, the installer can install and configure them. Consider the page as non-IBM

server configuration. If issues exist, see the vendor-provided resources online to get the solution you need, as these prerequisites are not installation features that are specific to IBM.



## Database Connection

The **Database Connection** page contains the connection information that both Secret Server and Privilege Manager uses. You must click **Test Connection** and complete the test successfully before installation can continue. After connection is established, click **Next**.

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## IBM SECURITY INSTALLER

WELCOME LICENSE DB SERVER PRE-REQUISITES **DB CONNECTION** CREATE USER

### SQL Server Location

**Server name or IP** 5.7

**Database name** ssdb

### SQL Authentication

SQL Server Authentication (SQL Server authentication requires Mixed Mode)

**User name** admin

**Password** ●●●●●●

Windows Authentication using Service Account

Advanced (not required)

Back Test Connection Next

Need help? v10.4.000007

If you choose **SQL Server Authentication**, next the Database Connection Window **Account** tab prompts for the server location where your SQL database is installed. Provide the **Server Name** or **IP address** for your Database server and Authenticate with Administrator SQL credentials. If your database does not yet exist, when you click "Test Connection" the Installer creates it. After the connection test completes successfully, click **Next**.

## Create User

Enter the information for the initial Secret Server user. Remember these credentials as they are necessary to log in to the web application after installation completes.



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## IBM SECURITY INSTALLER

WELCOME LICENSE DB SERVER PRE-REQUISITES DB CONNECTION **CREATE USER** EMAIL

Please enter credentials for your initial Secret Server Administrator.

**User Name**

**Display Name**

**Email**

**Password**

**Confirm Password**

**⚠ IMPORTANT: KEEP THIS INFORMATION**

This user name and password is used to administer Secret Server. It is the initial administrator and will be used to install licenses, create users, and setup advanced features. If you lose the password for this account, you will be unable to use these credentials in the event of an emergency.

I understand

Need help? v10.4.000007

## Email Server

Enter connection information for the email server. This step is also optional and can be configured later in the application. Configure email for both Secret Server and Privilege Manager.

The screenshot shows the 'EMAIL' configuration step in the IBM Security Installer. The interface includes a breadcrumb trail: WELCOME | LICENSE | DB SERVER | PRE-REQUISITES | DB CONNECTION | CREATE USER | **EMAIL**. Below the breadcrumb, there is a heading 'EMAIL' and a prompt: 'Please enter the connection information for the Email Server that will be used to send outgoing notifications.' The form contains several fields: 'Email Server' (text input), 'From Address' (text input), 'Use SSL' (checkbox), 'Use Custom Port' (checkbox), 'Port' (text input with '25' and a help icon), 'Authentication required' (checkbox), 'User name' (text input), 'Domain' (text input with a help icon), and 'Password' (text input). At the bottom, there are four buttons: 'Back', 'Skip Email', 'Send Test Email', and 'Next'. The footer contains 'Need help?' and the version number 'v10.4.000007'.

## Review

On the **Review** page, most settings are set to user defaults and they can still choose to modify those settings. Certain validations occur before the installation can begin.

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### IBM SECURITY INSTALLER

WELCOME LICENSE DB SERVER PRE-REQUISITES DB CONNECTION ACCOUNT CREATE USER EMAIL **REVIEW**

Review the installation options and then click Install to continue.

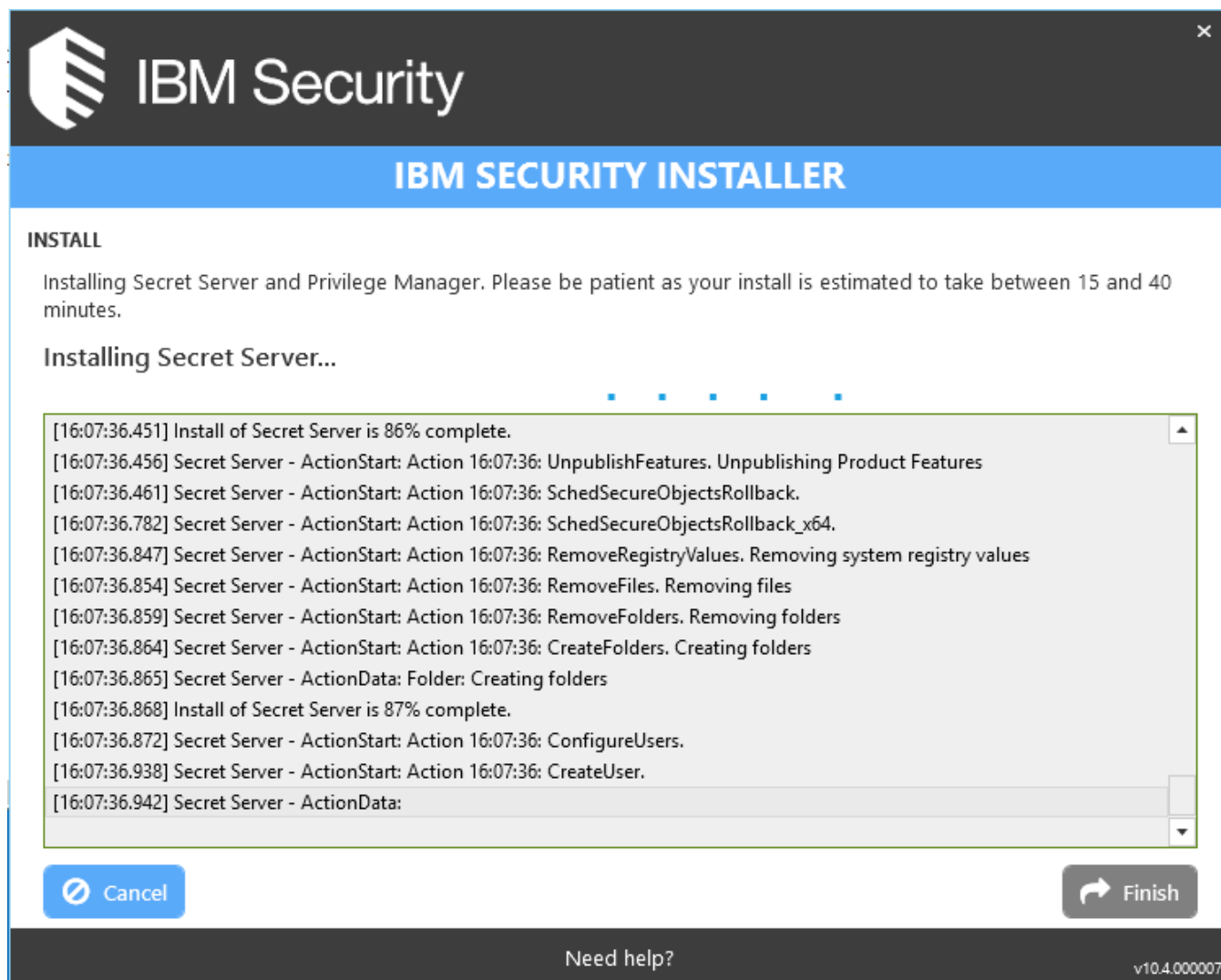
Name	Setting	
SQL Server	<b>Using Existing SQL Server</b>	<a href="#">Modify</a>
Database Connection	<b>ssdb on demodb (trusted auth)</b>	<a href="#">Modify</a>
Encryption Configuration	<b>New File</b>	<a href="#">Modify</a>
Site Name	<b>Default Web Site</b>	<a href="#">Modify</a>
Secret Server Destination	<b>C:\inetpub\wwwroot\SecretServer</b>	<a href="#">Modify</a>
Secret Server App Name	<b>SecretServer running as DEMODB\administrator</b>	<a href="#">Modify</a>
Privilege Manager Destination	<b>C:\inetpub\wwwroot\TMS</b>	<a href="#">Modify</a>
Privilege Manager App Name	<b>TMS running as DEMODB\administrator</b>	<a href="#">Modify</a>
Create User	<b>admin</b>	<a href="#">Modify</a>
Email Server	<b>Skipped</b>	<a href="#">Modify</a>

Back Install

Need help? v10.4.000007

## Install

The **Install** page shows the status from log files as both Secret Server and Privilege Manager are installed.



## Log Files

After the applications are installed, the installer opens a web browser to the Secret Server login page. Installation is complete and you can start by using both Secret and Privilege Manager. If the installation fails or you want to view the logs from the installation, click **View Log Files**.



## Browsing to Secret Server

After the installation completes successfully, click the provided **Secret Server URL** to browse to your setup landing page or open a browser and browse to where your Secret Server is located, for example: **<http://localhost/secretserver>**.

For information about using Secret Server, see resources that are listed in the support portal [here](#).

## Browsing to Privilege Manager

When the install has successfully completed, click the provided **Privilege Manager URL** to navigate directly to your setup landing page or open a browser and navigate to where your Privilege Manager is located, for example: **<http://localhost/TMS/PrivilegeManager>**.