IBM Security Verify Privilege On-Premises
Version 10.9

Installation Guide

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Introduction

This installation guide applies to installations on Windows Server 2016.

ASP.NET WEBSITE

Privilege Vault 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

Privilege Vault 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 Privilege Vault for the first time, review the full list of system requirements and recommendations, which you can view with the IBM Software Product Compatibility Reports tool.

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 Privilege Vault.
2. Run Microsoft Update on your server to make sure that all components are up-to-date.

Privilege Vault installer

DOWNLOAD THE LATEST VERSION OF PRIVILEGE VAULT

The latest version of Privilege Vault 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 Privilege Vault 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.
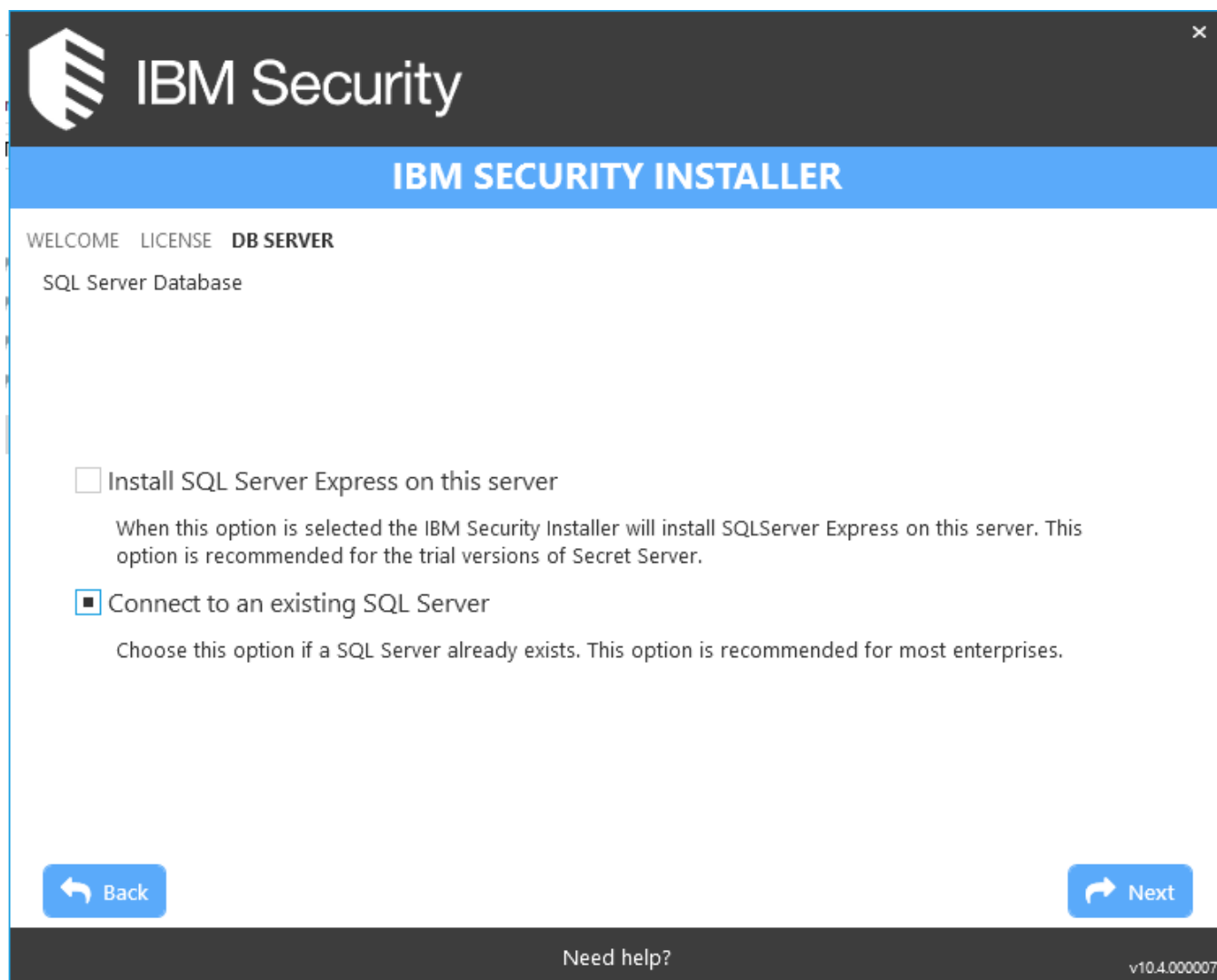
Pre-Requisites

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 Privilege Vault and Privilege Manager uses. You must click **Test Connection** and complete the test successfully before installation can continue. After connection is established, click **Next**.

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 Privilege Vault user. Remember these credentials as they are necessary to log in to the web application after installation completes.

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 Privilege Vault and Privilege Manager.

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.
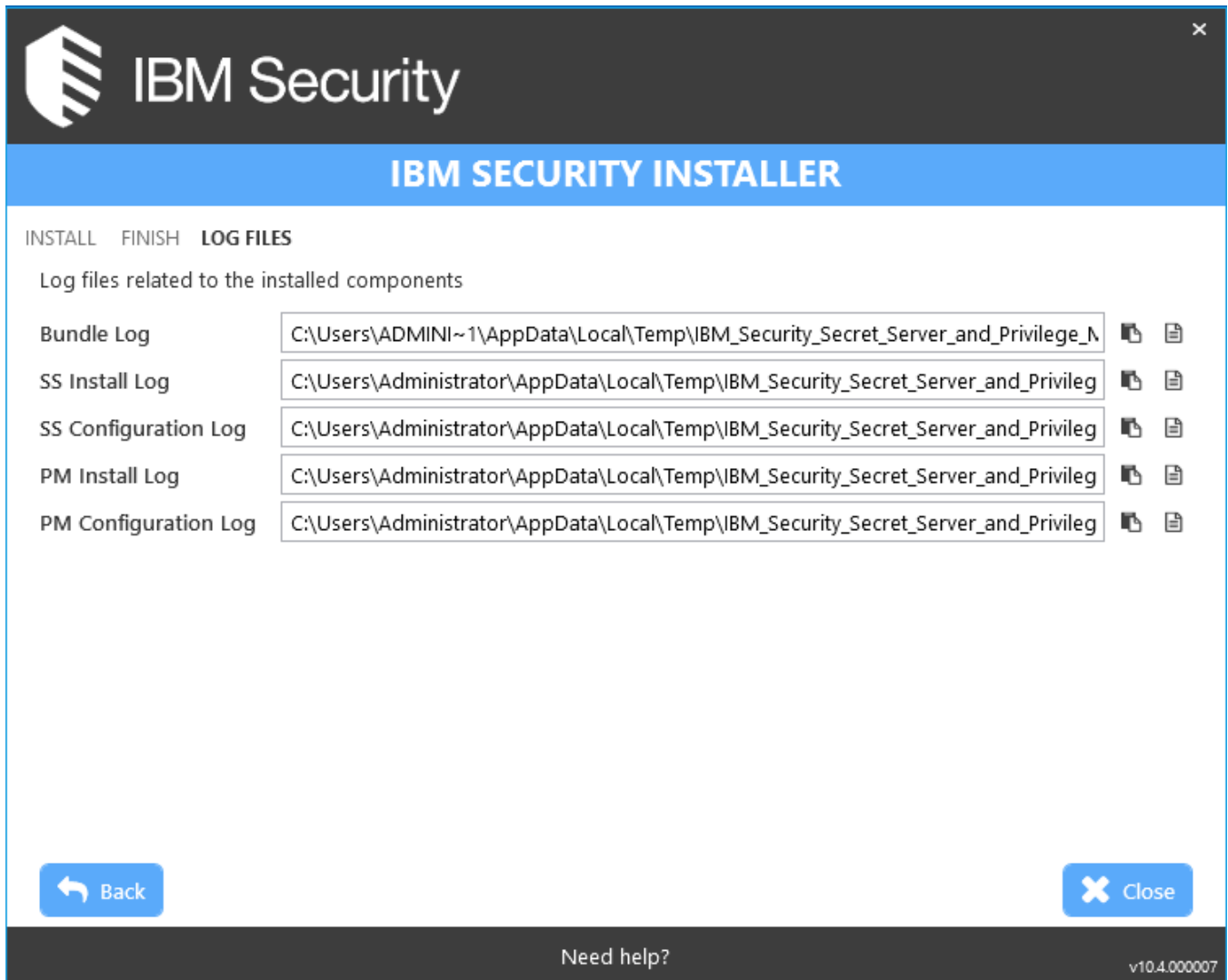
Install

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

Log Files

After the applications are installed, the installer opens a web browser to the Privilege Vault 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 Privilege Vault

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

For information about using Privilege Vault, see resources that are listed in the support portal.

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**.