

# ESET Tech Center

Knowledgebase > ESET PROTECT On-prem > Install Microsoft SQL Server (database) and ESET PROTECT Server on separate computers (8.x – 10.x)

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## Install Microsoft SQL Server (database) and ESET PROTECT Server on separate computers (8.x – 10.x)

Mitch | ESET Nederland - 2023-01-13 - Comments (0) - ESET PROTECT On-prem

### Solution

#### Apache HTTP Proxy users

ESET Bridge replaces Apache HTTP Proxy in ESET PROTECT version 10. All ESET product versions compatible with Apache HTTP Proxy are in Limited Support status. If you currently use Apache HTTP Proxy, we recommend that you [migrate to ESET Bridge](#).

This solution is divided into four parts. Click each part to expand the step-by-step instructions.

1. [Prerequisites](#)
2. [Manually install SQL Express on Computer 1](#)
3. [Allow TCP/IP connections to the SQL database on Computer 1](#)
4. [Install ESET PROTECT Server on Computer 2](#)

### I. Prerequisites

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#### Prerequisites

- Make sure that your system meets the [system requirements for ESET PROTECT](#).
- Visit the [ESET PROTECT All-in-one installer download page](#), select the appropriate installer file for your system and click **Download**. When it finishes downloading, extract the .zip file to an easy-to-find location.

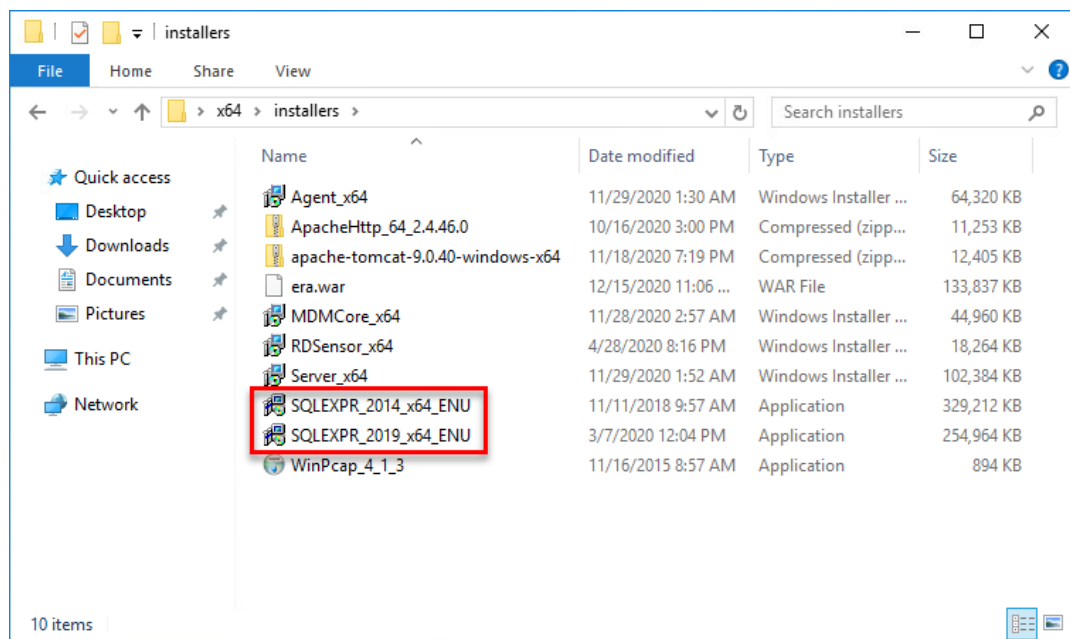
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## II. Manually install SQL Express on Computer 1

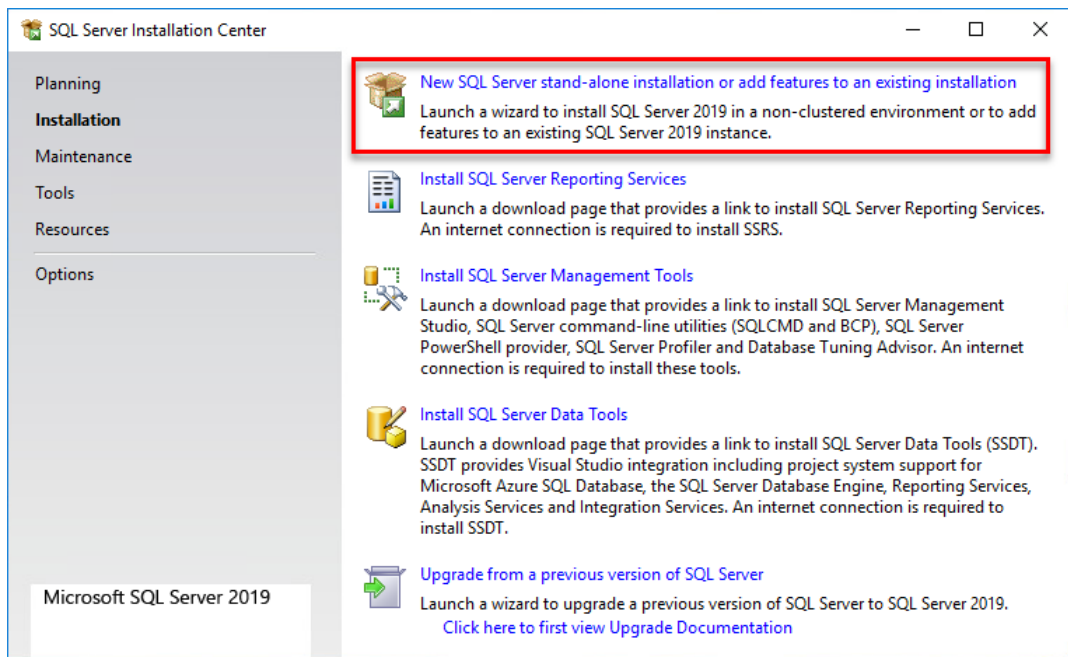
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### Manually install SQL Express on Computer 1

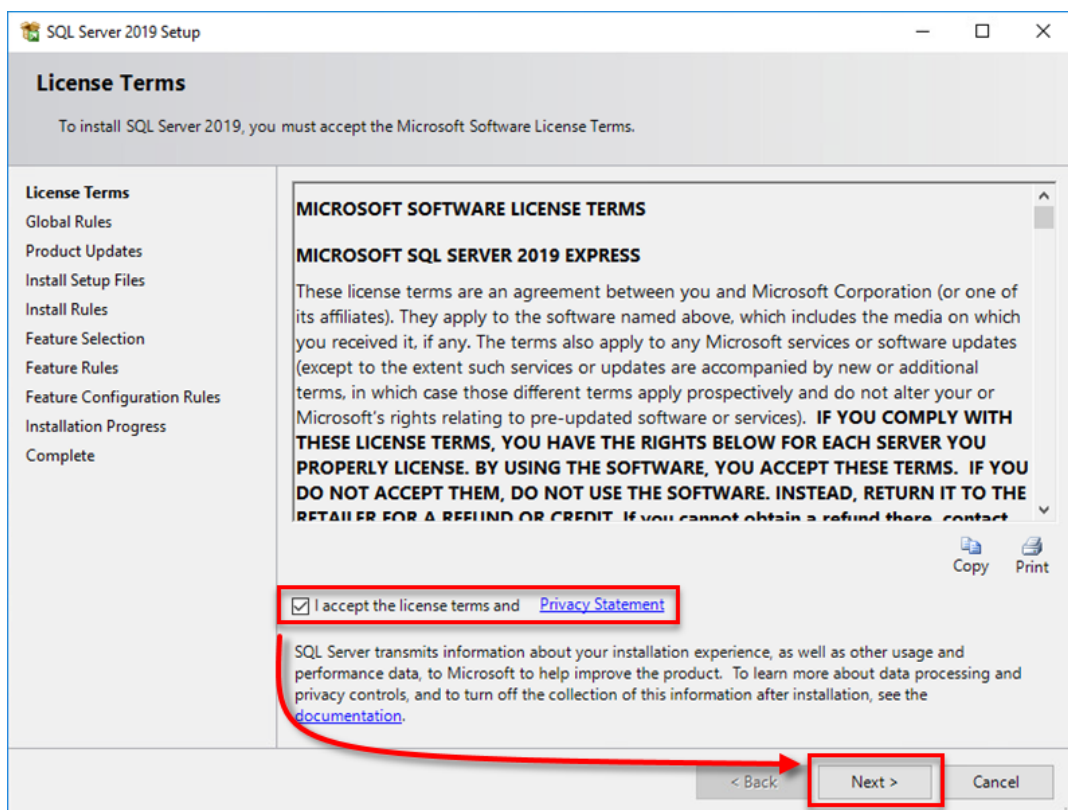
1. Open the **x64** folder that you extracted from the ESET PROTECT All-in-one installer file, navigate to **Installers** and double-click **SQLEXPR\_2019\_x64\_ENU** or **SQLEXPR\_2014\_ENU** depending on the version of SQL Express you want to install (the example below shows the SQL Server 2019 installation).



1. Click **New SQL Server stand-alone installation or add features to an existing installation.**

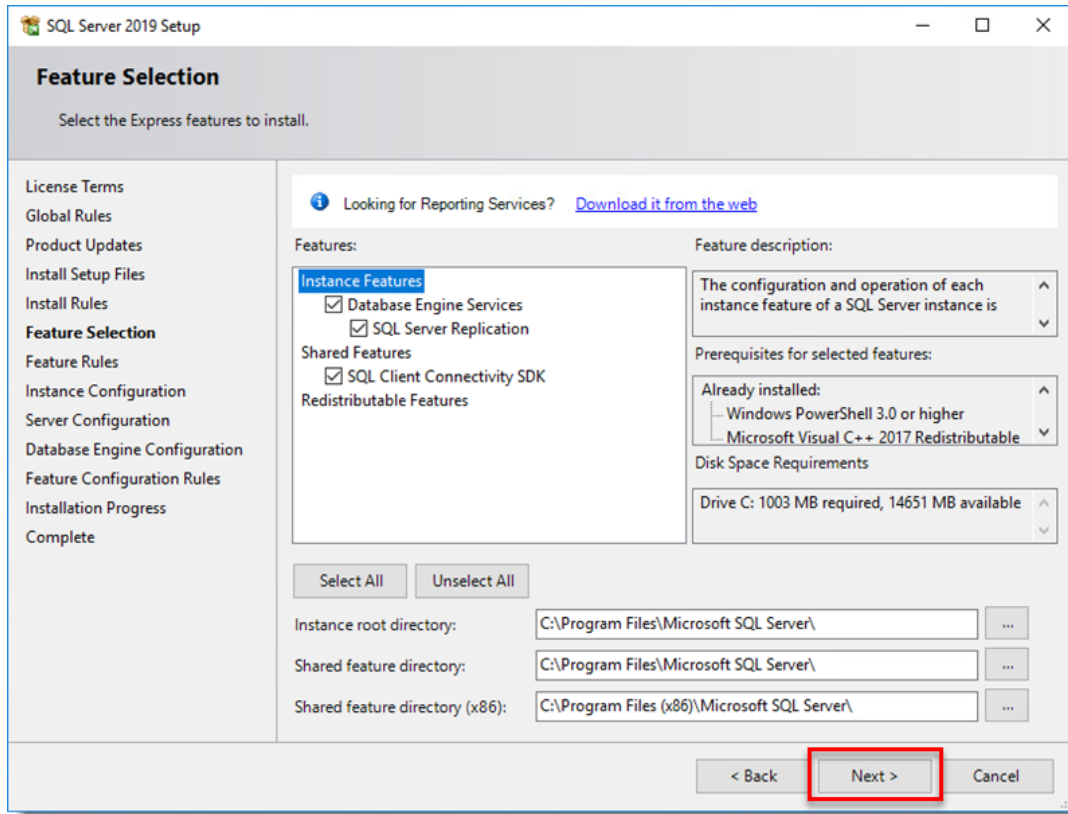


1. Read the SQL Server License Terms, select the check box next to **I accept the license terms and Privacy Statement** and then click **Next**.

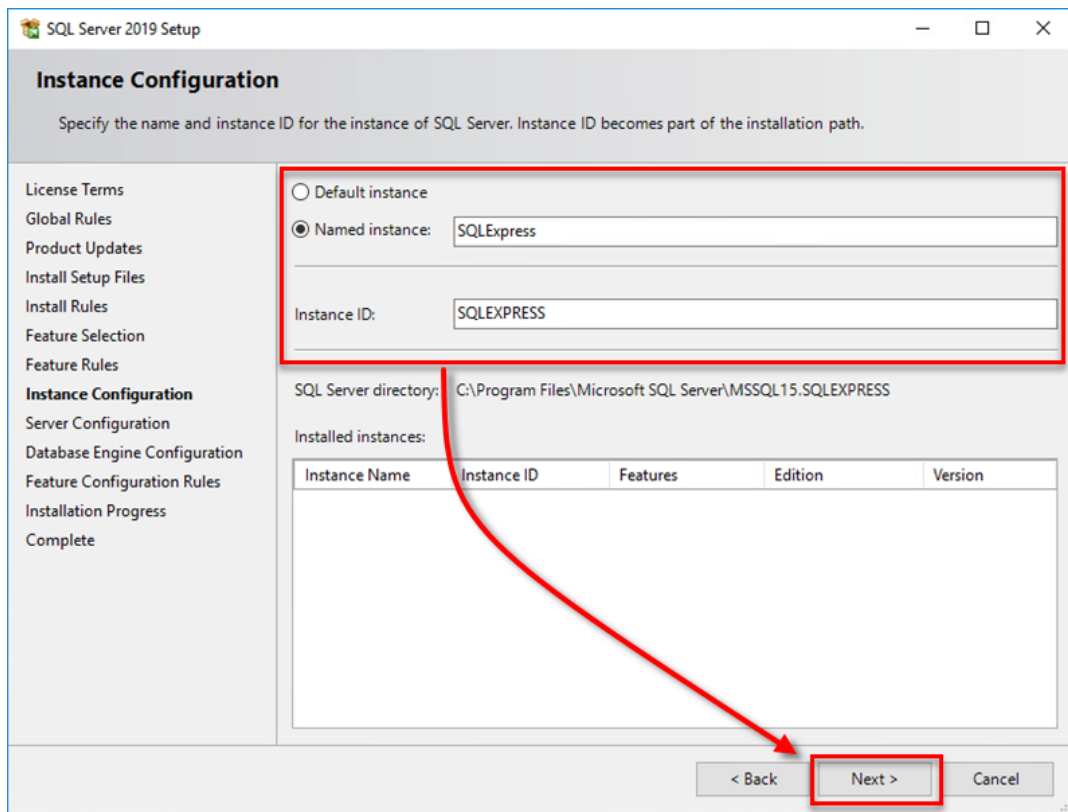


1. After support files have finished installing, leave the default values

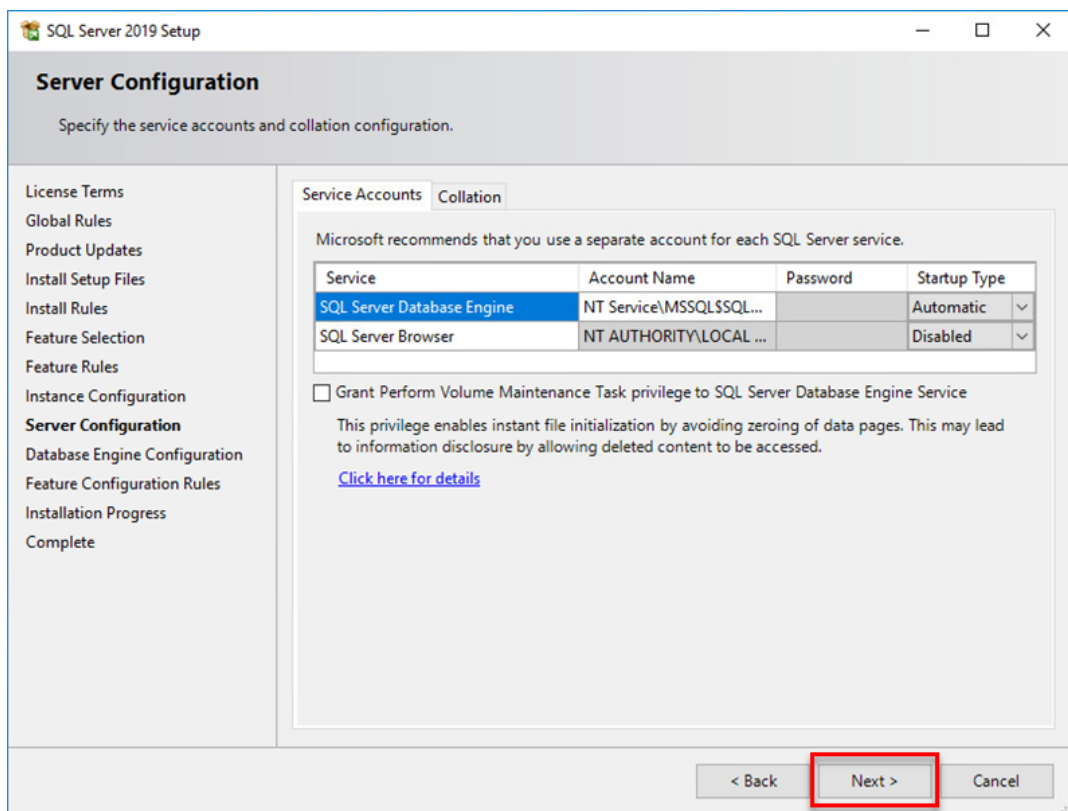
selected and click **Next**.



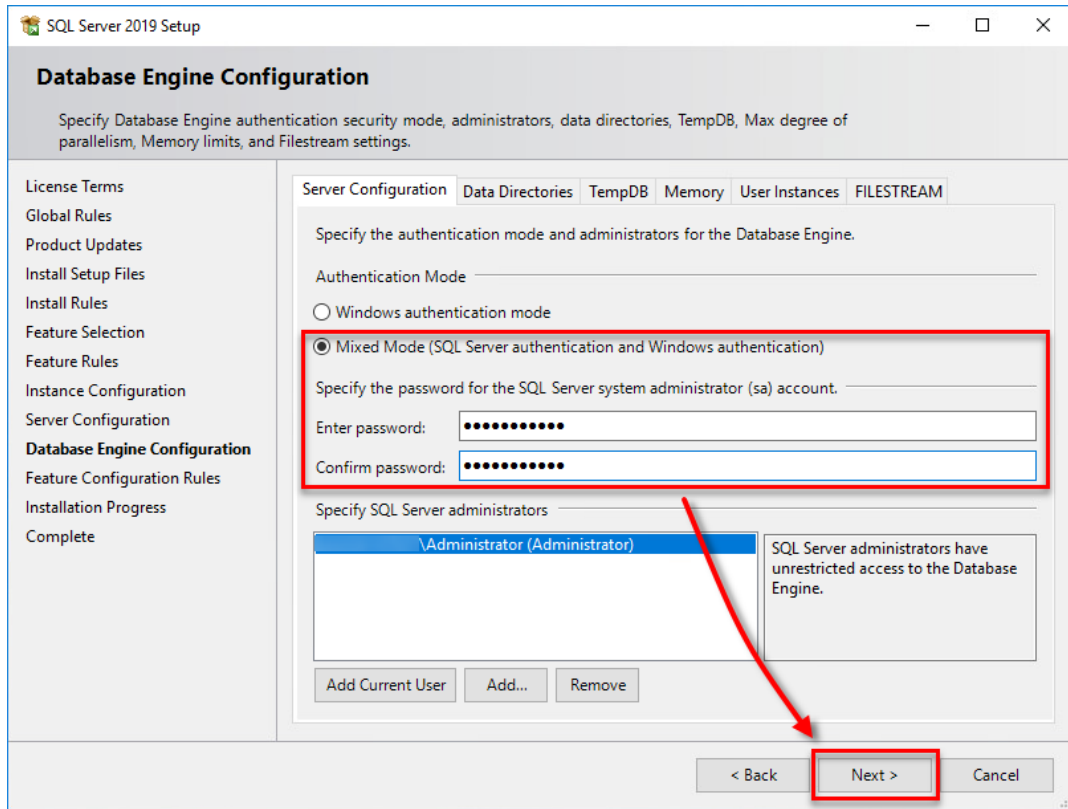
1. The default name for your database instance is **SQLExpress**; you can type a new name into the **Named instance** and **Instance ID** fields if you prefer to use a custom name and click **Next**.



1. Keep the default settings and click **Next**.

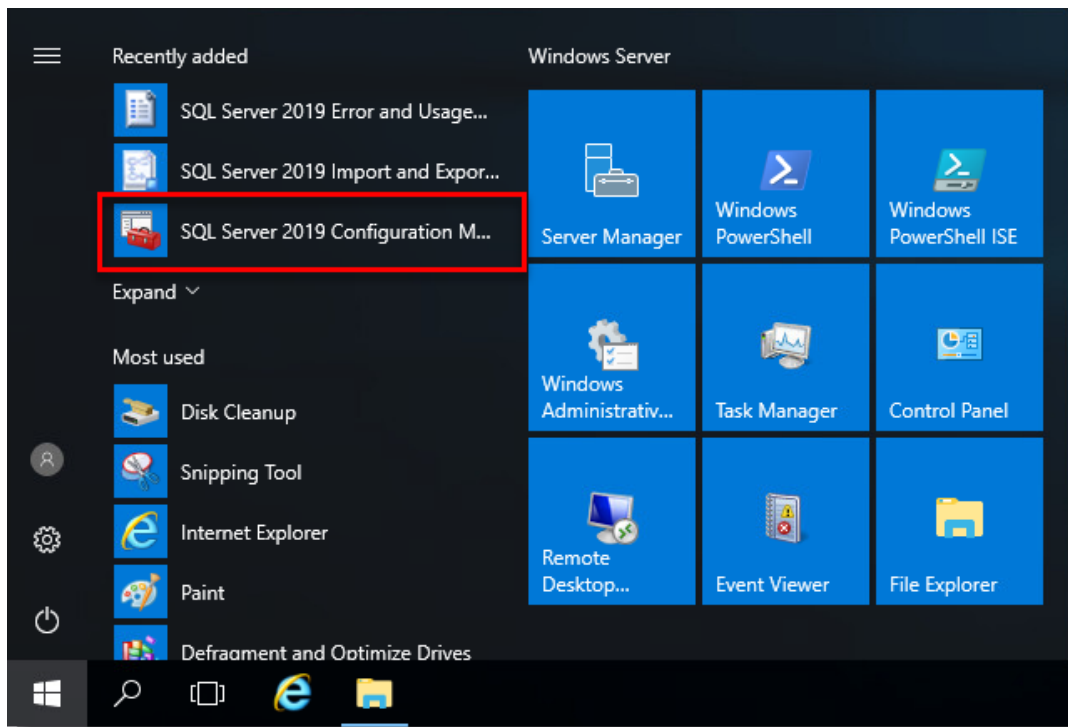


1. In the **Database Engine Configuration** window, select **Mixed Mode (SQL Server authentication and Windows authentication)**, type a password for your database into the **Enter password** and **Confirm password** fields and then click **Next**.

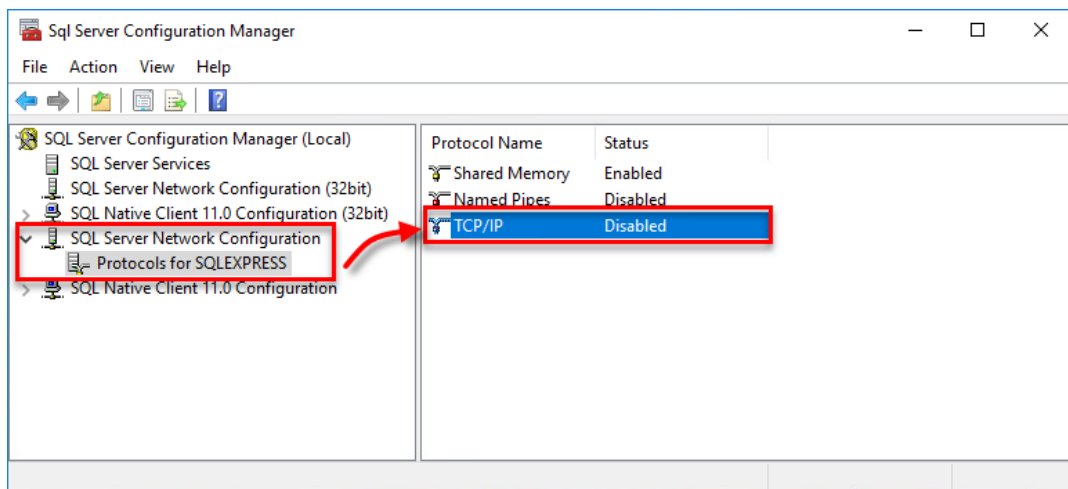


1. When SQL Server installation completes, click **Close**. [Continue to part III below.](#)



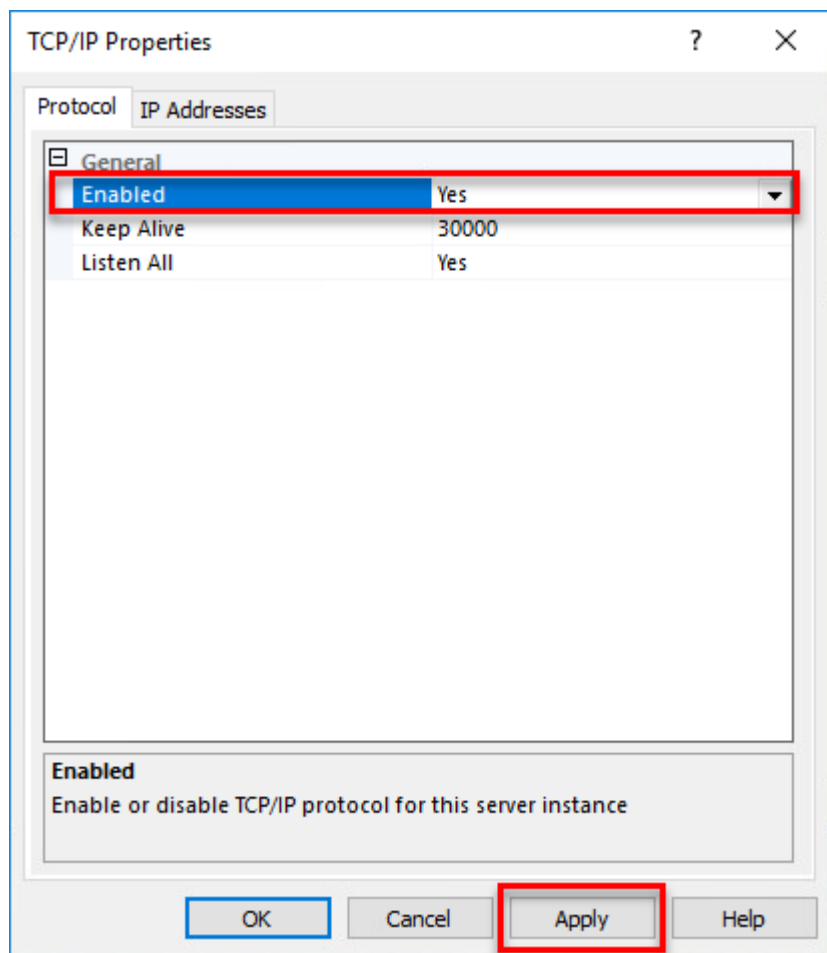


1. Expand **SQL Server Network Configuration** → **Protocols for SQLEXPRESS**, select the database instance that will be used with ESET PROTECT and then double-click **TCP/IP**.

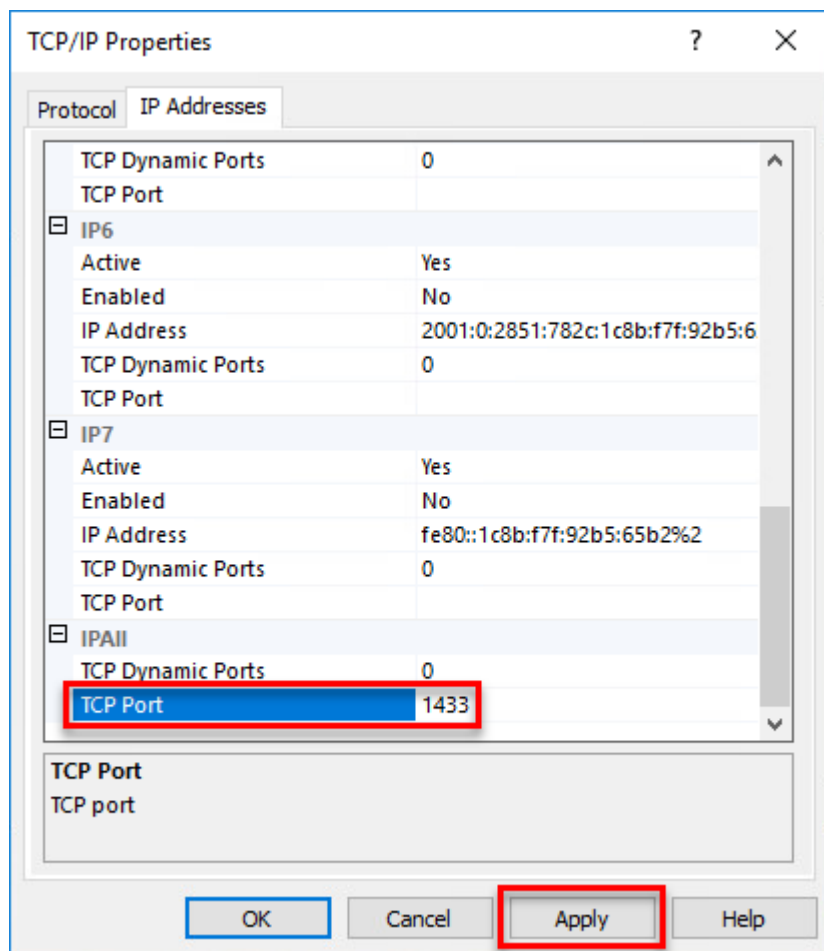


1. Select **Yes** from the drop-down menu next to **Enabled** and click **Apply**. Click **OK** if you are prompted.

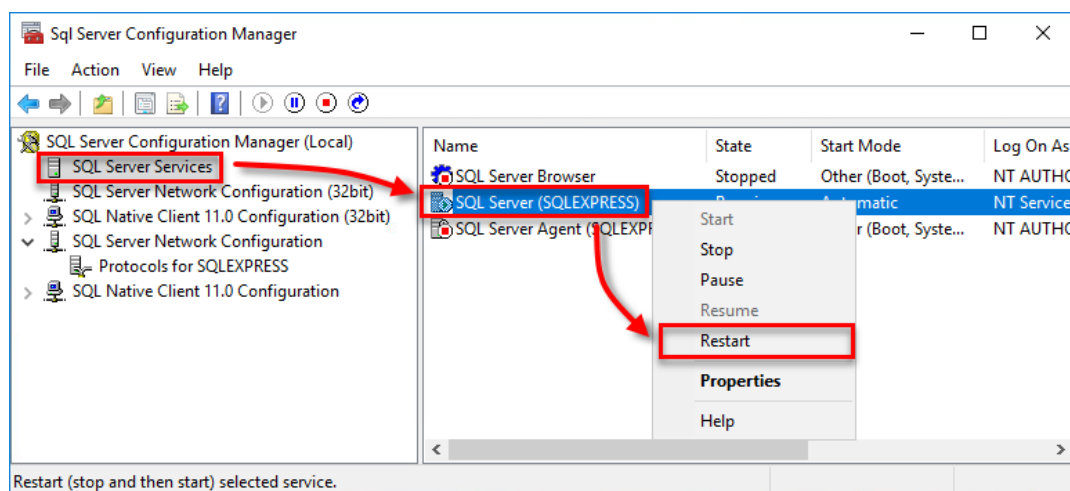




1. Click the **IP Addresses** tab and locate the **IPAll** section. Set the **TCP Port** value to **1433** and click **Apply**. Click **OK** if you are prompted and click **OK** to exit the **TCP/IP** window.



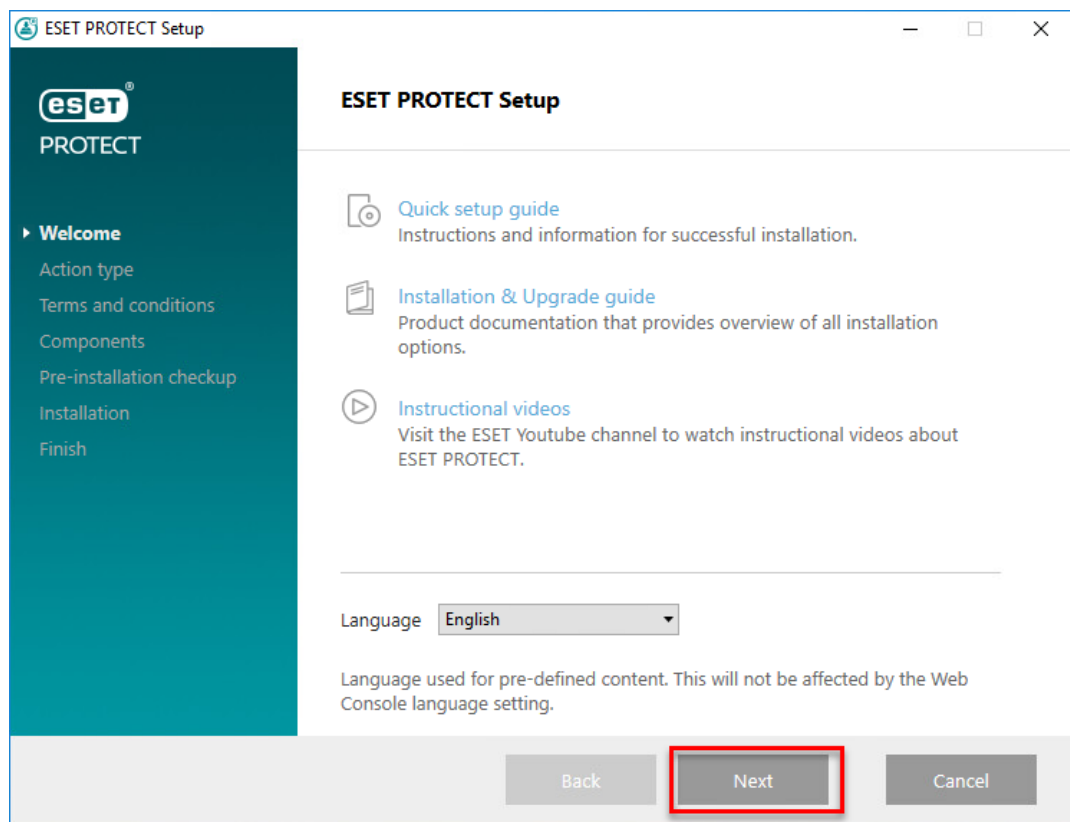
1. Select the **SQL Server Services** entry from the drop-down menu, right-click the database instance that will be used with ESET PROTECT, and select **Restart** from the context menu. When you are finished, [continue to part IV below](#).



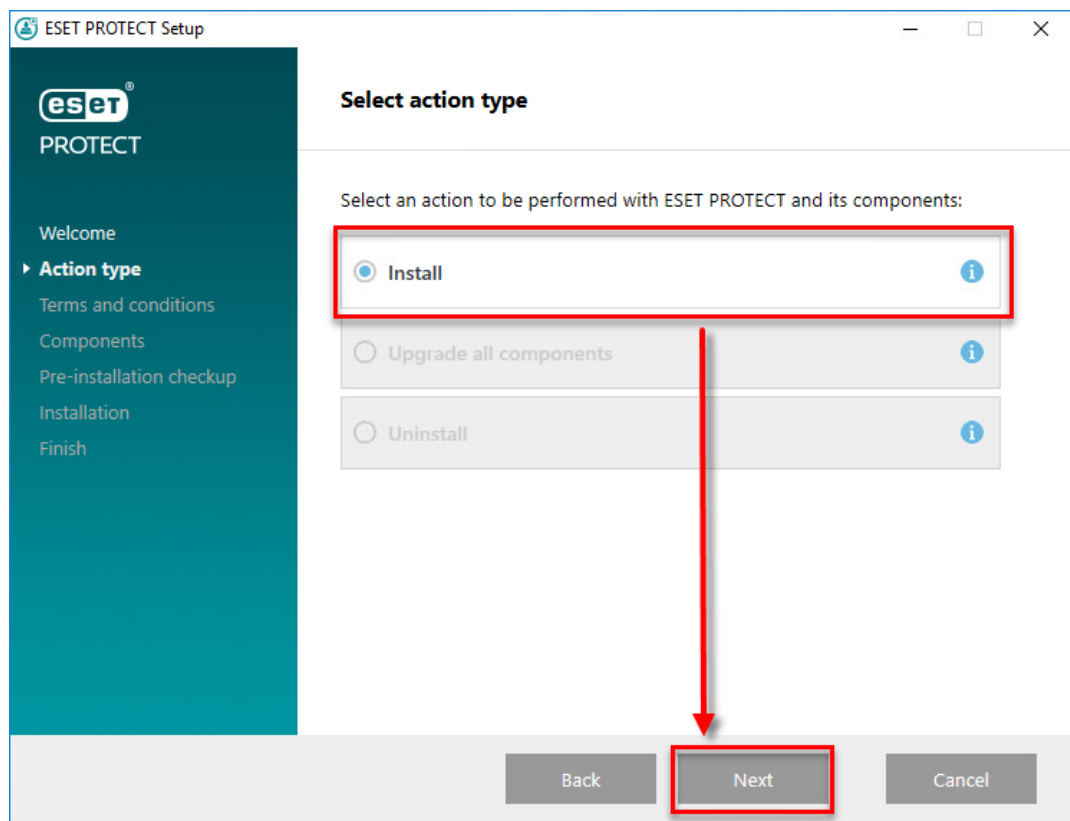
## IV. Install ESET PROTECT Server on Computer 2

### Install ESET PROTECT Server on Computer 2

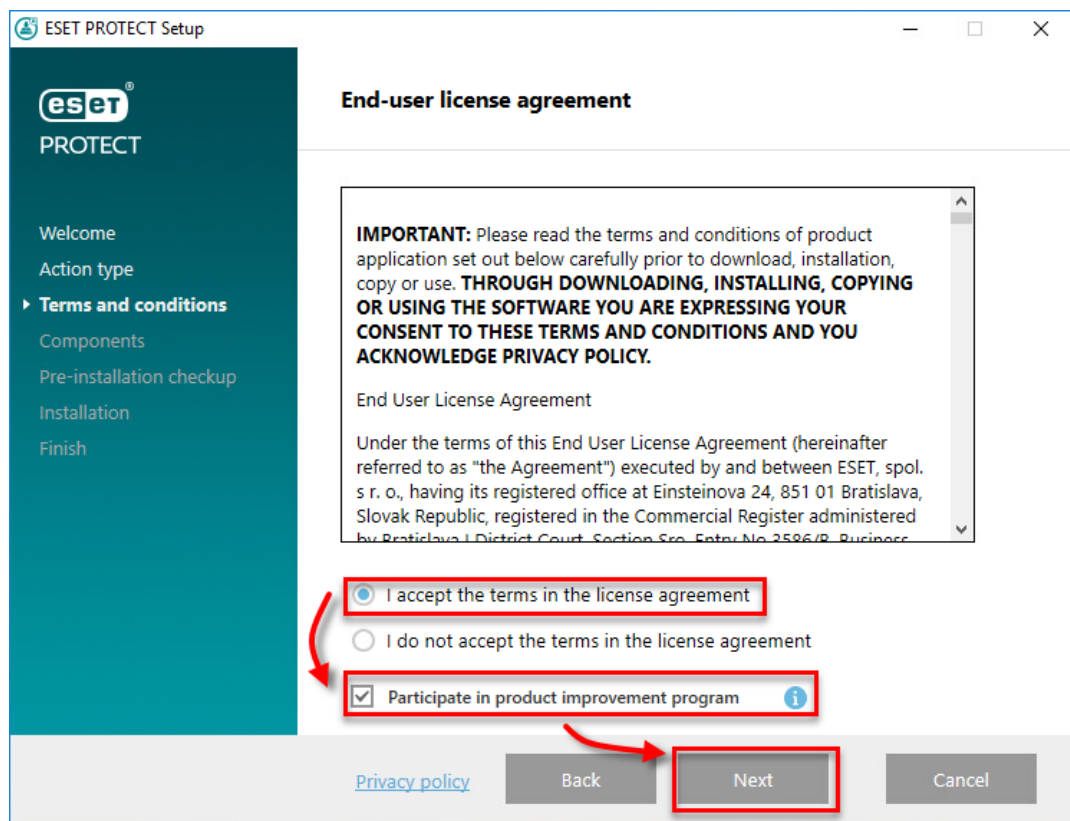
1. Open the **x64** folder that you extracted from the ESET PROTECT All-in-one installer file and double-click **Setup**.
1. Click **Next**.



1. Select **Install** and click **Next**.

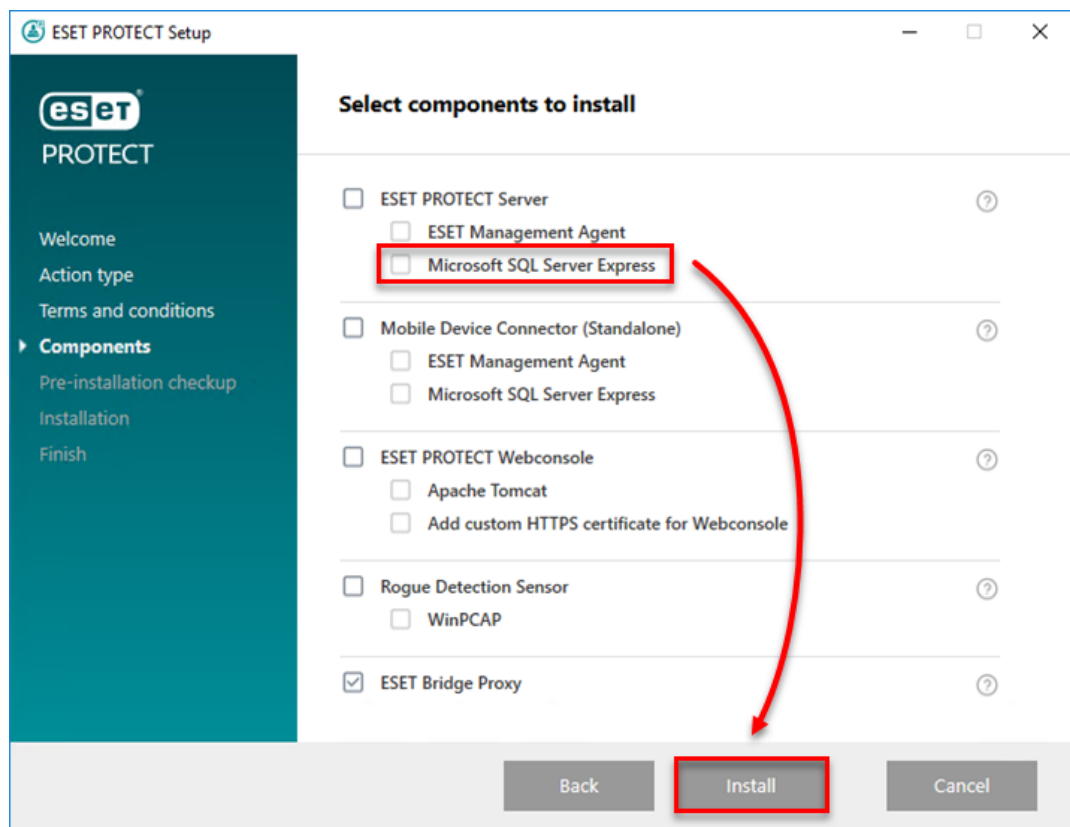


1. Read the End User License Agreement, select **I accept the terms in the license agreement** if you agree. Deselect the check box **Participate in product improvement program** if you do not agree to send crash reports and telemetry data to ESET. If the check box is left selected, telemetry data and crash reports will be sent to ESET. Click **Next** to continue.

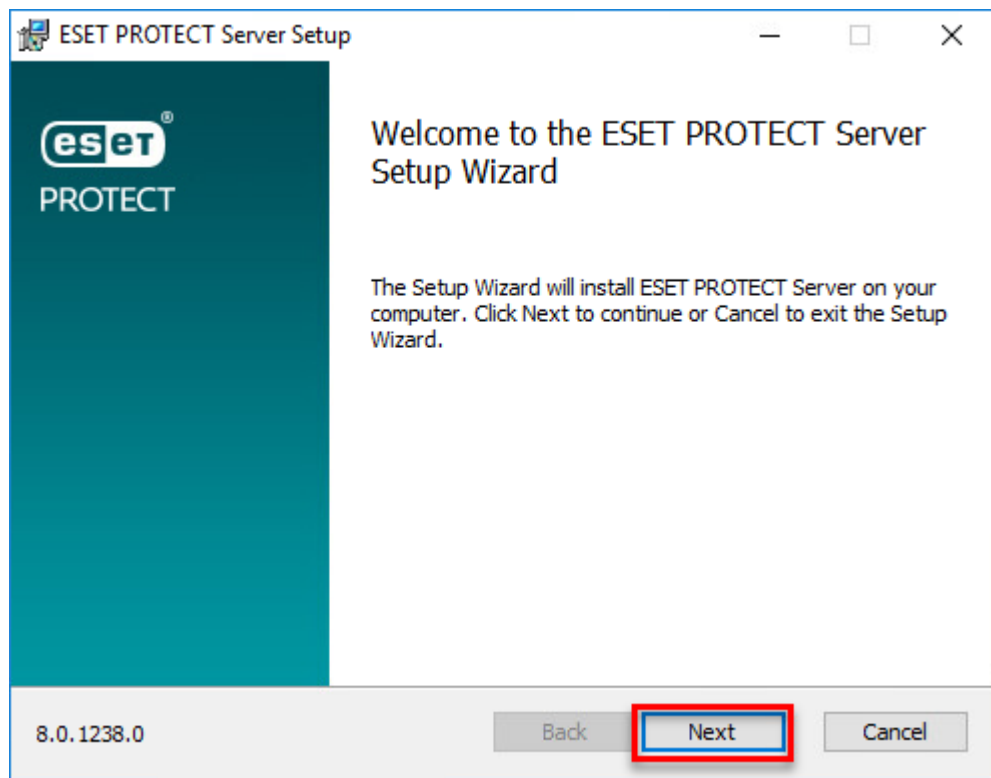


1. Deselect the check box next to **Microsoft SQL Server Express**. Optionally, select the check box next to **ESET Bridge Proxy** if you want to install that component. Click **Install** when you are ready.

If you are prompted to install prerequisites, follow the link provided, install the prerequisites and then click **Retry**.



1. Click **Next**.



1. Select or type the below data and click **Next**:

- **Database: MS SQL Server**
- **ODBC driver: SQL Server**
- **Database name: era\_db** (This is the default database name; you can provide another name. If the database does not exist, the installer will create it.)
- **Hostname:** Hostname of the computer where SQL database is installed
- **Use named instance:** Leave unchecked
- **Port: 1433**
- **Username: sa**
- **Password:** the password you set in [step 7 from section II](#) of this article.



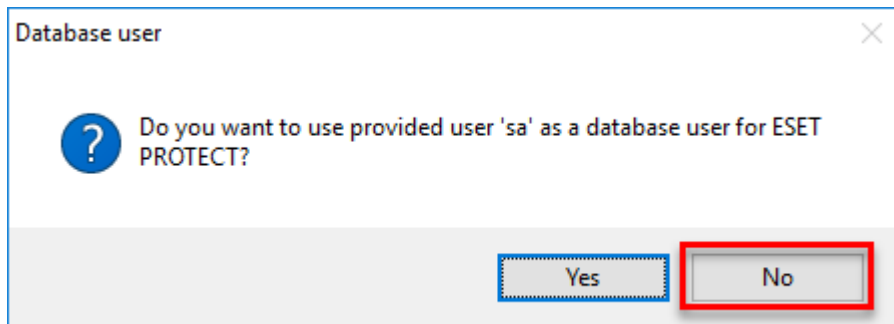
Install ESET PROTECT Server on the same computer where SQL Server is installed

To install ESET PROTECT Server on the same computer where SQL Server is already installed, in the **Database** drop-down menu, select **MS SQL Server via Windows Authentication**. In the **Hostname** field, type localhost.

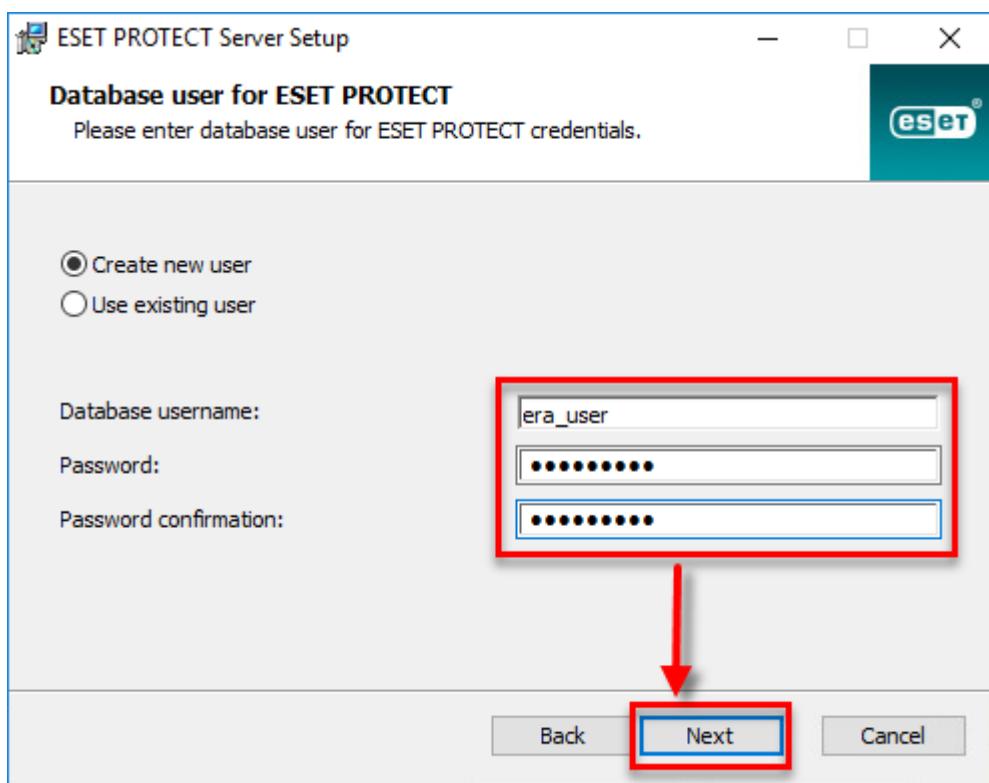
The screenshot shows the 'ESET PROTECT Server Setup' window with the 'Database server connection' tab selected. The window contains the following fields and controls:

- Database:** A dropdown menu set to 'MS SQL Server'.
- ODBC driver:** A dropdown menu set to 'SQL Server'.
- Database name:** A text field containing 'era\_db'.
- Hostname:** A text field, currently empty, which is highlighted with a red rectangle. A red arrow points from this field down to the 'Next' button.
- Use Named Instance:** An unchecked checkbox.
- Port:** A text field containing '1433'.
- Database account:** A section containing:
  - Username:** A text field containing 'sa', highlighted with a red rectangle.
  - Password:** A password field with masked characters (dots), also highlighted with a red rectangle.
- Navigation buttons:** 'Back', 'Next', and 'Cancel' buttons at the bottom. The 'Next' button is highlighted with a red rectangle, and a red arrow points from the 'Back' button to it.

1. Select **No** to create a new database user.



1. In the **Database user for PROTECT** window, provide the new **Database username** (**era\_user** is the default username) and type the **Password** and **Password confirmation** and click **Next**.

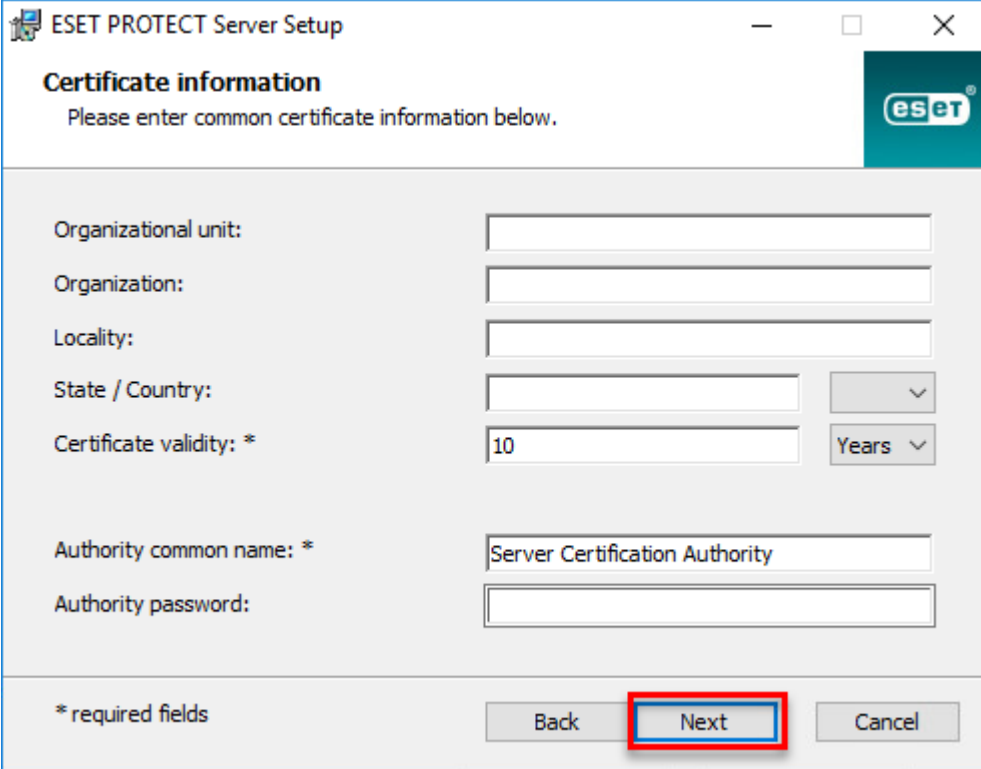


1. Type your login password for the ESET PROTECT Web Console into the **Password** and **Password confirmation** fields. Make sure to record this password for later use and click **Next**.



The screenshot shows the 'ESET PROTECT Server Setup' window. The title bar includes the ESET logo and standard window controls. The main heading is 'Web Console user & server connection' with a subtitle 'Please enter Web Console user password and server connection.' Below this, there are input fields for 'Web Console user:' (containing 'Administrator'), 'Password:', and 'Password confirmation:'. The password fields are masked with dots and are highlighted with a red rectangular box. A red arrow points from the bottom of this box down to the 'Next' button at the bottom of the window. The 'Next' button is also highlighted with a red rectangular box. Other fields include 'Agent port:' (2222) and 'Console port:' (2223). At the bottom are 'Back', 'Next', and 'Cancel' buttons.

1. In the **Certificate information** window, you can customize your Certificate Authority. The only mandatory fields are **Authority common name** and **Certificate validity**. Type any information about your Certificate Authority that you want to add. If you create a password, make sure that you record it because all client computers using this certificate will require that password to use the certificate. Click **Next** when you are finished.



The image shows a Windows-style dialog box titled "ESET PROTECT Server Setup". The main heading is "Certificate information" with a sub-instruction: "Please enter common certificate information below." The ESET logo is in the top right corner. The form contains several input fields: "Organizational unit:", "Organization:", "Locality:", "State / Country:" (with a dropdown arrow), "Certificate validity: \*" (with a text input containing "10" and a "Years" dropdown), "Authority common name: \*" (with a text input containing "Server Certification Authority"), and "Authority password:". At the bottom left, it says "\* required fields". At the bottom right, there are three buttons: "Back", "Next" (which is highlighted with a red rectangle), and "Cancel".

ESET PROTECT Server Setup

**Certificate information**  
Please enter common certificate information below.

Organizational unit:

Organization:

Locality:

State / Country:  ▼

Certificate validity: \*  Years ▼

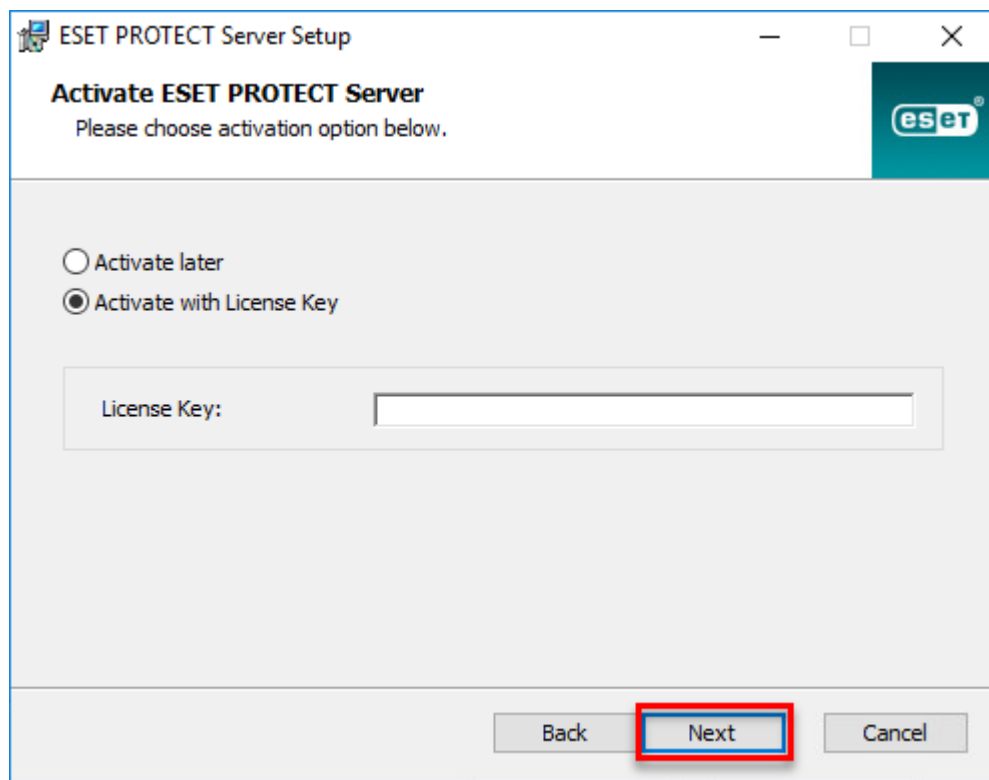
Authority common name: \*

Authority password:

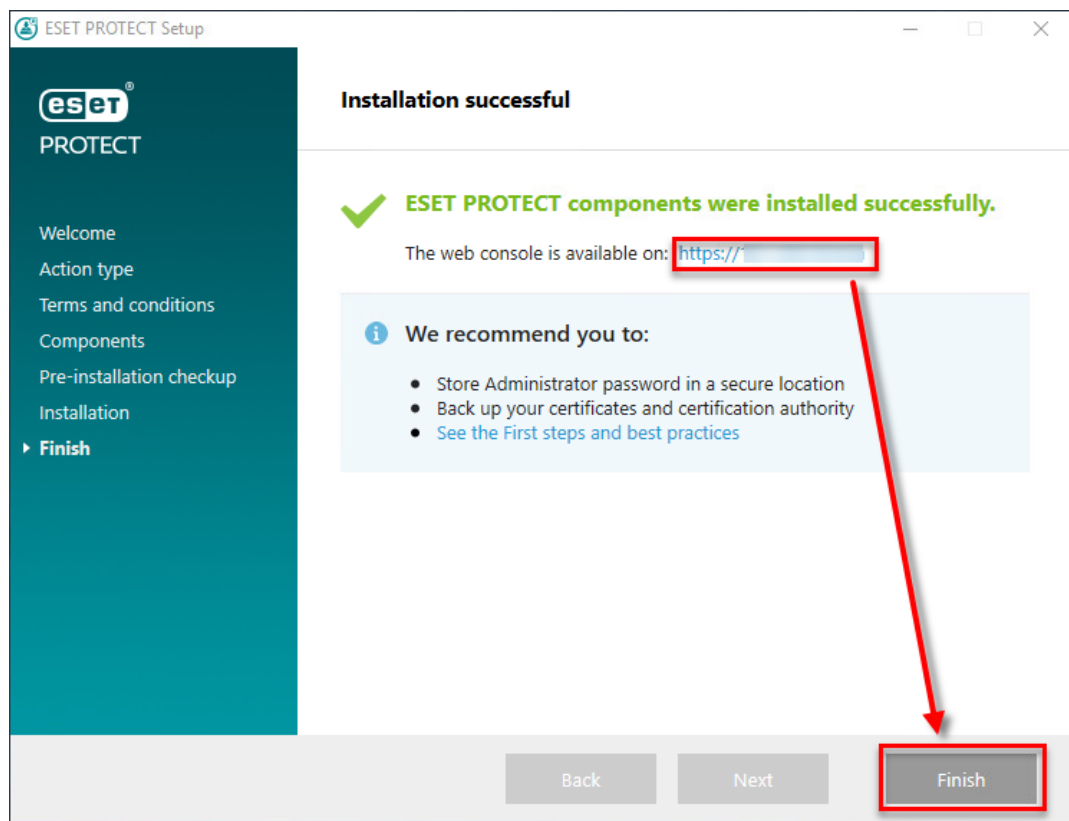
\* required fields

Back Next Cancel

1. Select **Activate with License Key** and type your License Key into the appropriate field, or select **Activate later**. If you have an ESET-issued Username and Password, you can [convert them into a license key using ESET Business Account](#). Click **Next** when you are finished.



1. Continue with the ESET PROTECT Server installation and other ESET PROTECT components. At the **Installation successful** window, click the URL link to open ESET PROTECT Web Console. We recommend that you bookmark or note this link for future reference. By default, the ESET PROTECT installer will create a link to ESET PROTECT Web Console in your Start menu. Click **Finish** to close the installer.



1. Locate and [deploy the ESET Management Agent](#) to client computers.
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