ESET Tech Center

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

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 <u>migrate to ESET</u> <u>Bridge</u>.

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

- 1. Prerequisites
- 2. Manually install SQL Express on Computer 1
- 3. <u>Allow TCP/IP connections to the SQL database on Computer 1</u>
- 4. Install ESET PROTECT Server on Computer 2

I. Prerequisites

Prerequisites

- Make sure that your system meets the <u>system requirements for ESET</u> <u>PROTECT</u>.
- 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.

II. Manually install SQL Express on Computer 1

Manually install SQL Express on Computer 1

 Open the x64 folder that you extracted from the ESET PROTECT Allin-one installer file, navigate to Installers and doubleclick 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.



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

| 🃸 SQL Server 2019 Setup | - | | × | | |
|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----|--|--|
| License Terms To install SQL Server 2019, ye | ou must accept the Microsoft Software License Terms. | | | | |
| License Terms Global Rules | MICROSOFT SOFTWARE LICENSE TERMS | | ^ | | |
| Install Setup Files Install Rules Feature Selection Feature Rules Feature Configuration Rules Installation Progress Complete | MICROSOFT SQL SERVER 2019 EXPRESS These license terms are an agreement between you and Microsoft Corporation (or one of its affiliates). They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft services or software updates (except to the extent such services or updates are accompanied by new or additional terms, in which case those different terms apply prospectively and do not alter your or Microsoft's rights relating to pre-updated software or services). IF YOU COMPLY WITH THESE LICENSE TERMS, YOU HAVE THE RIGHTS BELOW FOR EACH SERVER YOU PROPERLY LICENSE. BY USING THE SOFTWARE, YOU ACCEPT THESE TERMS. IF YOU DO NOT ACCEPT THEM, DO NOT USE THE SOFTWARE. INSTEAD, RETURN IT TO THE | | | | |
| | ✓ I accept the license terms and <u>Privacy Statement</u> SQL Server transmits information about your installation experience, as well as other usage an performance data, to Microsoft to help improve the product. To learn more about data proces privacy controls, and to turn off the collection of this information after installation, see the documentation. | Copy d ssing an | e d | | |
| | < Back Next > | Cance | el | | |

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

selected and click **Next**.

| 髋 SQL Server 2019 Setup | | | - | | × | | |
|--------------------------------------------------------------|-------------------------------------------------------------------------|----------------------|-------------------------------------------------------------------------------|----------------------|-----|--|--|
| Feature Selection Select the Express features to in | istall. | | | | | | |
| License Terms Global Rules | Looking for Reporting Servi | ces? Download it fro | om the web | | | | |
| Product Updates | Features: | | Feature description: | | | | |
| Install Setup Files Install Rules Feature Selection | Instance Features Database Engine Services SQL Server Replication | n | The configuration and operation of instance feature of a SQL Server in | of each stance is | Ŷ | | |
| Feature Rules | Shared Features | | Prerequisites for selected features: | | | | |
| Instance Configuration | Redistributable Features | DK | Already installed: | | | | |
| Server Configuration | | | Windows PowerShell 3.0 or higher Microsoft Visual C++ 2017 Redistributable | | | | |
| Database Engine Configuration Feature Configuration Rules | | | Disk Space Requirements | | | | |
| Installation Progress Complete | | | Drive C: 1003 MB required, 14651 M | MB available | < > | | |
| · | Select All Unselect All |] | | | | | |
| | Instance root directory: | C:\Program Files\M | icrosoft SQL Server\ | | | | |
| | Shared feature directory: | C:\Program Files\M | icrosoft SQL Server\ | | | | |
| | Shared feature directory (x86): | C:\Program Files (x8 | 86)\Microsoft SQL Server\ | | | | |
| | | | < Back Next > | Cancel | | | |

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.

| 髕 SQL Server 2019 Setup | | | | | - | | × |
|-------------------------------|--------------------------|-------------------|-------------------------|------------------------|-----|-------|----|
| Instance Configuration | | | | | | | |
| Specify the name and instance | ID for the instance of S | QL Server. Instan | ce ID becomes part of | the installation path. | | | |
| License Terms | O Default instance | | | | | | |
| Product Updates | Named instance: | SQLExpress | | | | | |
| Install Setup Files | | | | | | | _ |
| Install Rules | Instance ID: | SQLEXPRESS | | | | | |
| Feature Selection | | - | | | | | |
| Instance Configuration | SQL Server directory: | C:\Program File | es\Microsoft SQL Server | MSSQL15.SQLEXPRES | ss | | _ |
| Server Configuration | Installed instances | | | | | | |
| Database Engine Configuration | laster of News | laster v ID | F actoria | C distant | Ve | | _ |
| Feature Configuration Rules | Instance Name | Instance ID | reatures | Edition | ve | rsion | - |
| Complete | | | | | | | |
| comprete | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | < Back Nex | t > | Cance | el |

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

| 髋 SQL Server 2019 Setup | | | | - | | × |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|------------|----------------|----|
| Server Configuration | | | | | | |
| Specify the service accounts and | d collation configuration. | | | | | |
| License Terms | Service Accounts Collation | | | | | |
| Global Rules Product Updates | Microsoft recommends that you | use a separate account for each | SQL Server servi | ice. | | |
| Install Setup Files | Service | Account Name | Password | Start | ир Туре | |
| Install Rules | SQL Server Database Engine | NT Service\MSSQL\$SQL | | Autor | matic | ~ |
| Feature Selection | SQL Server Browser | NT AUTHORITY\LOCAL | | Disab | led | ~ |
| Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Rules Installation Progress Complete | Grant Perform Volume Mainte This privilege enables instant to to information disclosure by a <u>Click here for details</u> | nance Task privilege to SQL Sen file initialization by avoiding zero llowing deleted content to be ac | ver Database En oing of data pa <u>c</u> cessed. | gine Servi | ce nay lead | |
| | | < Bac | k Next | > | Cano | el |

 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.

| 髋 SQL Server 2019 Setup | | - | | × |
|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------|------------------|---|
| Database Engine Config | guration | | | |
| Specify Database Engine auther parallelism, Memory limits, and | tication security mode, administrators, data directories, TempDB, Max degree iilestream settings. | e of | | |
| License Terms | Server Configuration Data Directories TempDB Memory User Instance | es FILESTREAM | | |
| Global Rules Product Updates | Specify the authentication mode and administrators for the Database En | gine. | | |
| Install Setup Files | Authentication Mode | | | |
| Feature Selection | O Windows authentication mode | | | _ |
| Feature Rules | Mixed Mode (SQL Server authentication and Windows authentication) | | | |
| Instance Configuration | Specify the password for the SQL Server system administrator (sa) account | nt. | | - |
| Server Configuration | Enter password: | | | |
| Database Engine Configuration | Confirm password: | | | |
| Installation Progress | Specify SQL Server administrators | | | _ |
| Complete | Administrator (Administrator) SQL Set Unrestri Engine. | rver administrators icted access to the | have Database | |
| | Add Current User Add Remove | | | |
| | < Back | Next > | Cancel | |

1. When SQL Server installation completes, click **Close**. <u>Continue to</u> <u>part III below</u>.

| 髕 SQL Server 2019 Setup | | | - | | Х |
|-----------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------|---|-------|---------|
| Complete Your SQL Server 2019 installation | on completed successfully with product up | odates. | | | |
| License Terms Global Rules | Information about the Setup operation | or possible next steps: | | | |
| Product Updates | Feature | Status | | | <u></u> |
| Install Setup Files | Database Engine Services | Succeeded | | | |
| Install Rules | SQL Server Replication | Succeeded | | | |
| Feature Selection | SQL Browser | Succeeded | | | |
| Feature Selection | SQL Writer | Succeeded | | | |
| Feature Rules | SOL Client Connectivity | Succeeded | | | ~ |
| Instance Configuration | | | | | |
| Server Configuration | | | | | |
| Database Engine Configuration | Details: | | | | |
| Feature Configuration Rules | Install successful. | | | | _ |
| Installation Progress | | | | | |
| Complete | | | | | |
| | | | | | |
| | Summary log file has been saved to the | following location: | | | |
| | C:\Program Files\Microsoft SQL Server\ \Summary 20210121 154 | 150\Setup Bootstrap\Log\20210121_154400 400.txt | | | |
| | | | | Close | |

III. Allow TCP/IP connections to the SQL database on Computer 1

Allow TCP/IP connections to the SQL database on Computer 1

Click Start → All Programs → Microsoft SQL
 Server → Configuration Tools → SQL Server Configuration Manager.



 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.

| 🖀 Sql Server Configuration Manager | | | _ | × |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------------------|---|---|
| File Action View Help | | | | |
| 🔶 🔿 🚈 🖼 🔒 👔 | | | | |
| SQL Server Configuration Manager (Local) SQL Server Services SQL Server Network Configuration (32bit) SQL Native Client 11.0 Configuration (32bit) SQL Server Network Configuration SQL Server Network Configuration SQL Server Network Configuration SQL Native Client 11.0 Configuration | Protocol Name Shared Memory Named Pipes | Status Enabled Disabled Disabled | | |
| | | | | |

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

| TCP/IP Properties | ? | × |
|-----------------------------------------------------------------------|---|------|
| Protocol IP Addresses | | |
| General | | |
| Enabled Yes | | |
| Keep Alive 30000 | | |
| Listen All Yes | | |
| | | |
| Enabled Enable or disable TCP/IP protocol for this server instance | | |
| OK Cancel Apply | н | lelp |

 Click the IP Addresses tab and locate the IPAII 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.

| ٦ | CP/ | /IP Pr | operties | | | ? | \times |
|---|-----|--------|---------------|----|--------------------------|-----------|----------|
| | Pro | tocol | IP Addresses | | | | |
| | | TCP [| Oynamic Ports | | 0 | | ^ |
| | | TCP F | Port | | | | |
| | | IP6 | | | | | |
| | | Activ | e | | Yes | | |
| | | Enab | led | | No | | |
| | | IP Ad | ldress | | 2001:0:2851:782c:1c8b:f | 7f:92b5:6 | |
| | | TCP [| Oynamic Ports | | 0 | | |
| | | TCP F | Port | | | | |
| | | IP7 | | | | | |
| | | Activ | e | | Yes | | |
| | | Enab | led | | No | | |
| | | IP Ad | ldress | | fe80::1c8b:f7f:92b5:65b2 | 2%2 | |
| | | TCP [| Oynamic Ports | | 0 | | |
| | | TCP F | Port | | | | |
| | | IPAII | | | | | |
| | ۱. | TCP [| Dynamic Ports | | 0 | | |
| | | TCP F | Port | | 1433 | | |
| | H | | | | | | ¥ |
| | т | CP Po | rt | | | | 3 |
| | TC | P por | t | | | | |
| | | | | | | | |
| | | | | | | | _ |
| | | | OK | Ca | ncel Apply | Help |) |

 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, <u>continue to part IV below</u>.

| Sql Server Configuration Manager File Action View Help ← ⇒ 2 □ ⇒ 2 ▷ □ ● € | | | — [| × |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------|-------------------------------------------------|
| SQL Server Configuration Manager (Local) SQL Server Services SQL Server Network Configuration (32bit) SQL Native Client 11.0 Configuration (32bit) SQL Server Network Configuration SQL Server Network Configuration Protocols for SQLEXPRESS SQL Native Client 11.0 Configuration | Name SQL Server Browser SQL Server (SQLEXPRESS) SQL Server Agent (SQLEXPF | State Stopped Start Stop Pause Resume Restart Properties Help | Start Mode Other (Boot, Syste r (Boot, Syste | Log On As NT AUTHC NT Service NT AUTHC |
| Restart (stop and then start) selected service. | | | | |

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 Allin-one installer file and double-click **Setup**.
- 1. Click **Next.**

| SET PROTECT Setup | – 🗆 X |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| eset [®] PROTECT | ESET PROTECT Setup |
| Welcome Action type Terms and conditions Components Pre-installation checkup Installation Finish | Quick setup guide Instructions and information for successful installation. Installation & Upgrade guide Product documentation that provides overview of all installation options. Instructional videos Visit the ESET Youtube channel to watch instructional videos about ESET PROTECT. |
| | Language English Language used for pre-defined content. This will not be affected by the Web Console language setting. |
| | Back Next Cancel |

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

| ESET PROTECT Setup | Select action type | – 🗆 × |
|------------------------------------------------------------------|------------------------------------------------------|---------------------|
| Welcome Action type Terms and conditions | Select an action to be performed with ESET PROTECT a | and its components: |
| Components Pre-installation checkup Installation Finish | O Upgrade all components O Uninstall | 0 |
| | | |
| | | |
| | Back Next | Cancel |

 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.



 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 <u>step 7 from section II</u> 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.

| ESET PROTECT Server Setup Database server connection Please enter database server connection | ion. |
|----------------------------------------------------------------------------------------------|------------------|
| Database: | MS SQL Server 🗸 |
| ODBC driver: | SQL Server 🗸 |
| Database name: | era_db |
| Hostname: | |
| Use Named Instance: | |
| Port: | 1433 |
| Database account | • |
| Username: | sa |
| Password: | ••••• |
| | Back Next Cancel |

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



 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.

| 🛃 ESET PROTECT Server Setup | – 🗆 X | | | | |
|----------------------------------------------------------|------------------|--|--|--|--|
| Database user for ESET PROTECT | e | | | | |
| Please enter database user for ESET PROTECT credentials. | | | | | |
| Create new user | | | | | |
| Create new user | | | | | |
| Use existing user | | | | | |
| Database username: | era_user | | | | |
| Password: | ••••• | | | | |
| Password confirmation: | ••••• | | | | |
| | | | | | |
| | Back Next Cancel | | | | |

 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**.

| 😸 ESET PROTECT Server Setup | – 🗆 X | | | | | |
|----------------------------------------------------------------------------------------------------|----------------------------------|--|--|--|--|--|
| Web Console user & server connection Please enter Web Console user password and server connection. | | | | | | |
| Web Console user: | Administrator | | | | | |
| Password: | ••••• | | | | | |
| Password confirmation: | ••••• | | | | | |
| Agent port: Console port: | 2222 2223 Back Next Cancel | | | | | |
| | | | | | | |

 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.

| BESET PROTECT Server Setup Certificate information Please enter common certificate information | on below. |
|------------------------------------------------------------------------------------------------------|--------------------------------|
| Organizational unit: Organization: Locality: State / Country: Certificate validity: * | |
| Authority common name: * Authority password: | Server Certification Authority |
| * required fields | Back Next Cancel |

 Select Activate with License Key and type your License Key into the appropriate field, or select Activate later. If you have an ESETissued Username and Password, you can <u>convert them into a license</u> key using ESET Business Account. Click Next when you are finished.

| BSET PROTECT Server Setup Activate ESET PROTECT S Please choose activation optic | erver on below. | | - | eser | ľ |
|----------------------------------------------------------------------------------------|--------------------|------|------|--------|---|
| Activate later Activate with License Key | | | | | |
| License Key: | <u></u> | | | | |
| | | | | | |
| | | Back | Next | Cancel |] |

 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 <u>deploy the ESET Management Agent</u> to client computers.