

# STM6000 Edge Box HMI

## Demo Setup Guide – Database



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## Preface

### (1) About this quick start guide

This Edge Box HMI Demo Setup Guide is intended for individuals using the Edge Box HMI and its software for demonstration purposes and not for a production environment. This publication will help you quickly configure hardware, software and cloud services.



Advice

### Any problems?

Please refer to manuals when having a problem with Edge Box HMI.

(Hardware)

STM6000 hardware manual:

<https://www.proface.com/en/product/hmi/stm6000/download>

(Software)

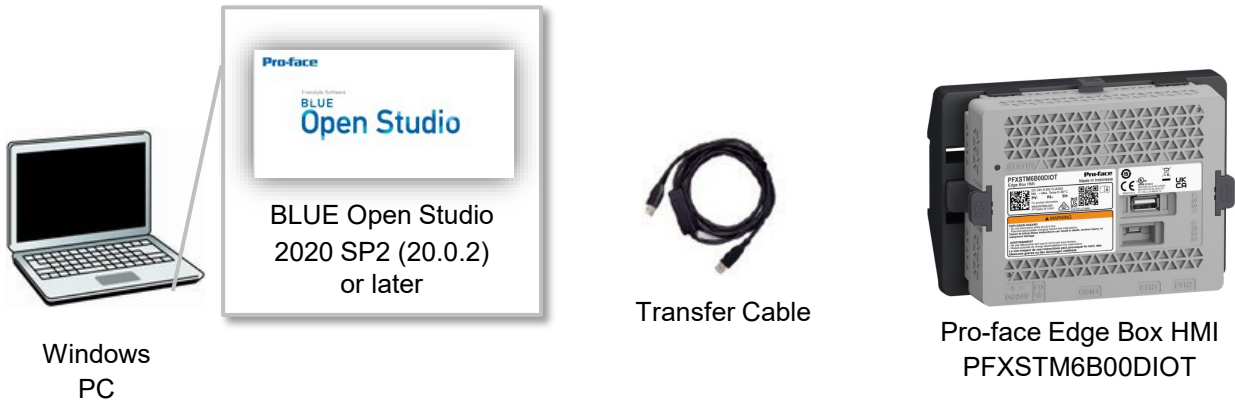
BLUE Open Studio Support /Downloads:

<https://www.proface.com/en/product/soft/blue-os/download>

## Preface

### (2) Building a development environment

Prepare the following environment.



#### (A) BLUE Open Studio

BLUE Open Studio is a development and runtime software that incorporates all the tools users need to create SCADA HMI applications, dashboards and OEE interfaces.

#### (B) Transfer Cable

Two ways of transferring project files



USB Cable  
(Type A – Micro-B)

Use an optional USB transfer cable or commercial USB cable (Type A to Micro-B) for transfer.



LAN Cable

Use LAN cable (Ethernet cable) for transfer.

#### (C) Pro-face Edge PFXSTM6B00DIOT

Please visit <https://www.pro-face.com> for more information on the Pro-face Edge Box HMI.



Pro-face Edge Box HMI  
PFXSTM6B00DIOT

## Preface

### (3) How to get BLUE Open Studio

To create HMI Screen for the Edge Box HMI, the version of BLUE Open Studio needs to be V2020 SP2 or later.



You can download BLUE Open Studio Installer from the following link.

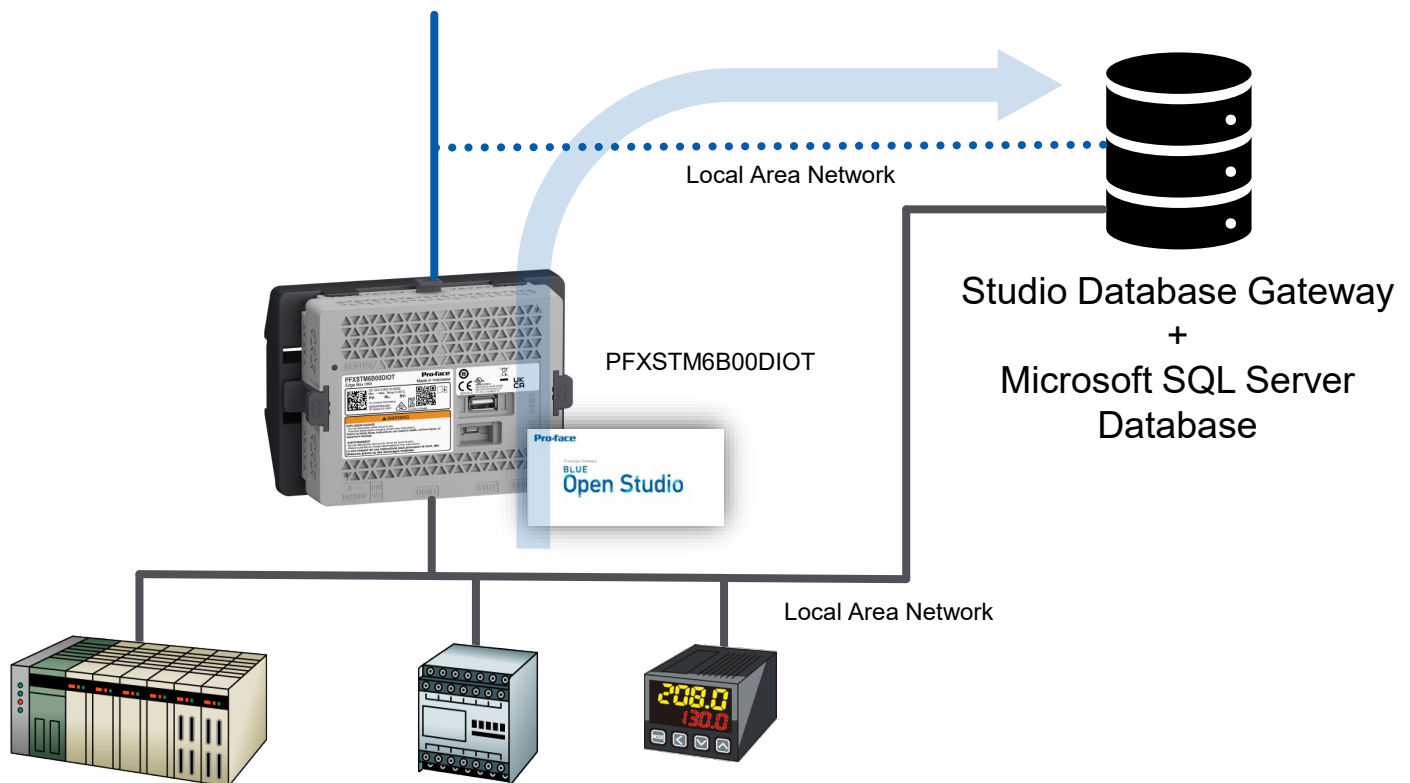
<https://www.proface.com/en/service#/page/installer/bos>

You can use the software without a license in Evaluation Mode for 40 hours. After the evaluation period ends, the program automatically converts into Demo Mode until you apply a valid license. You cannot reactivate the Evaluation Mode even if you reinstall the software on your computer.

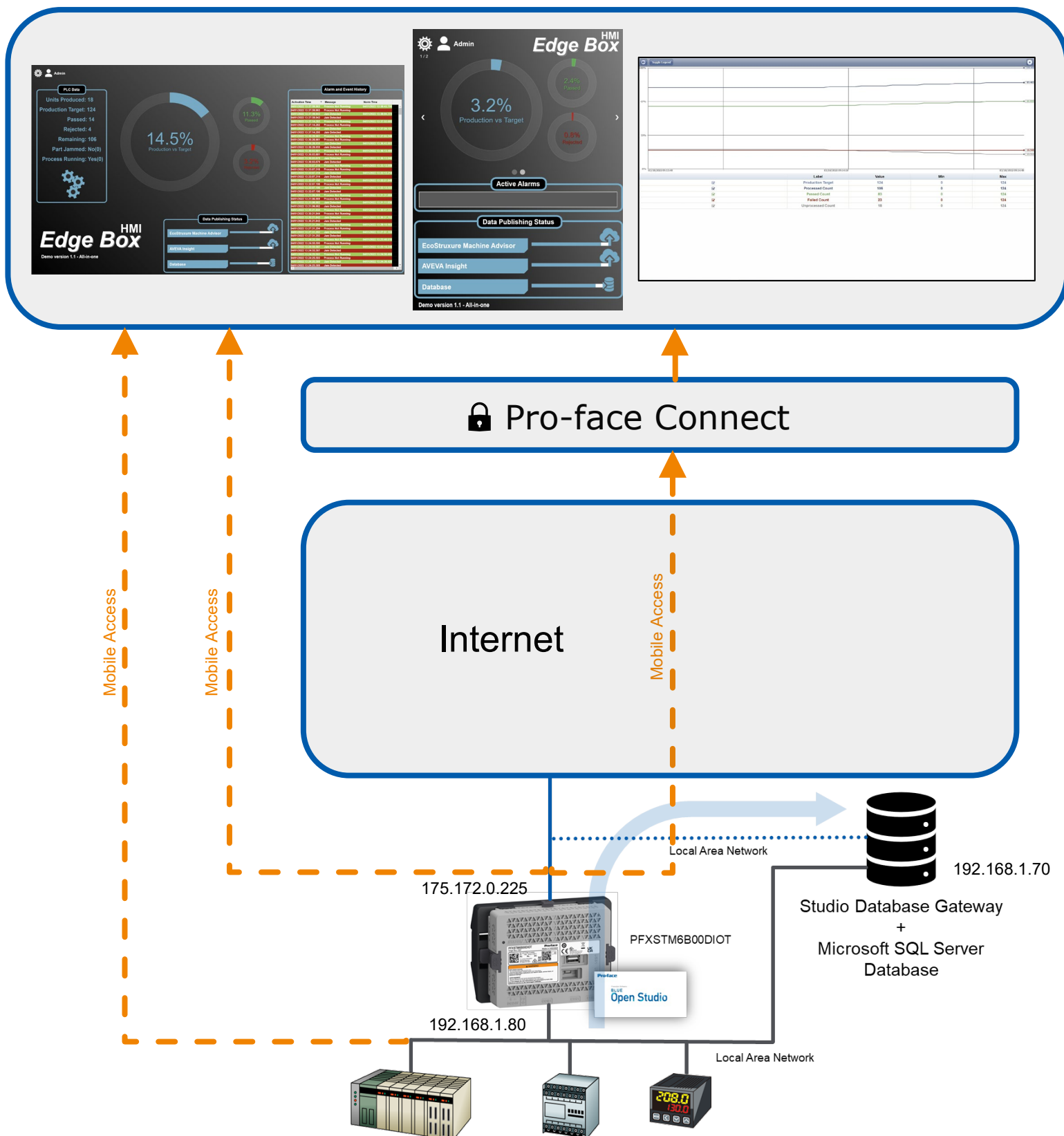
Please access the [activation page](#) to check how to activate BLUE Open Studio.

## 2. STM6000 Edge Box HMI Demo Overview

The STM6000 Edge Box HMI Demo – All-in-one demonstrates pushing data from internal tags or external devices to the cloud and a local database. EcoStruxure Machine Advisor and AVEVA Insight are used for the cloud. Microsoft SQL Server is used for the local database. Although a PLC or other device can supply data, for demonstration purposes data is internally generated.



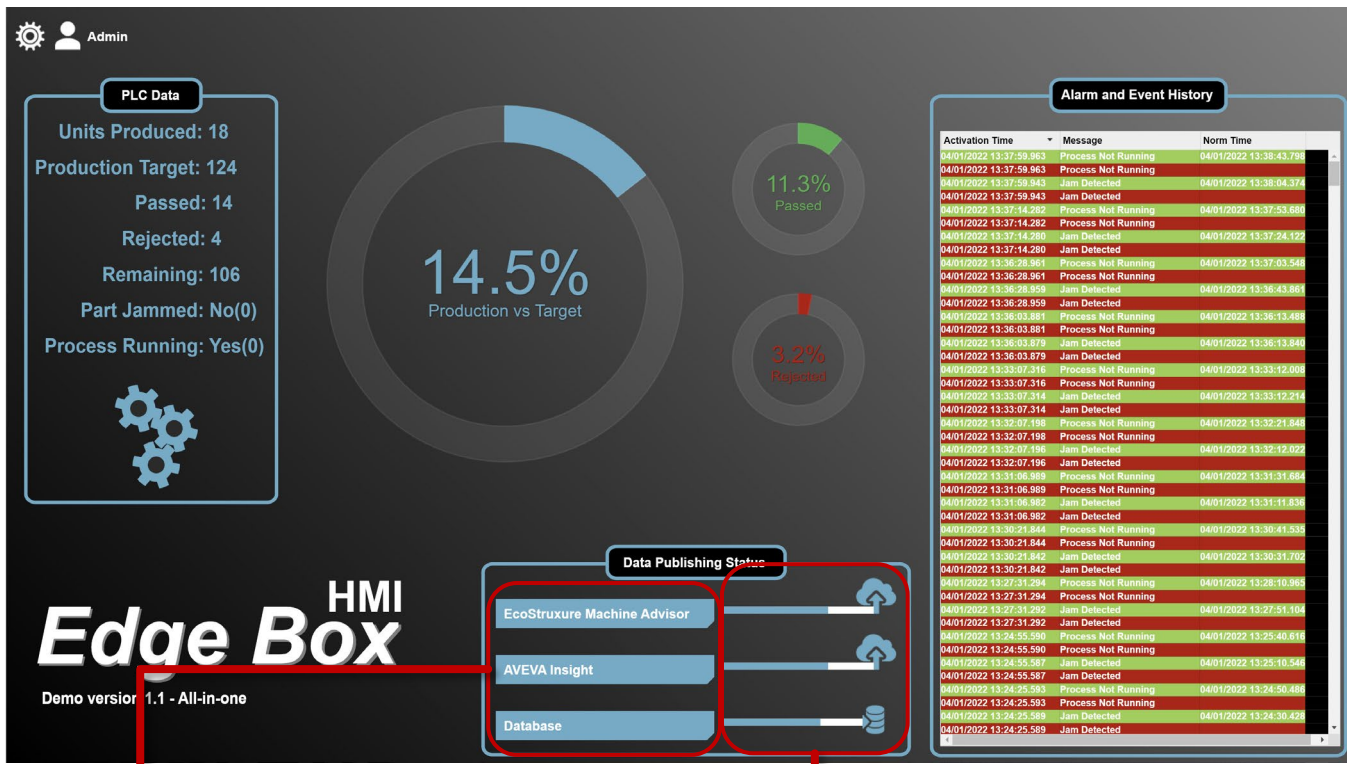
The STM6000 Edge Box HMI cannot be used with an integrated display. However, you can view screens and more within a web browser using Mobile Access. Mobile Access can be used via one of the two possible IP addresses of the Edge Box HMI. For secure remote viewing utilise Pro-face Connect + the local IP.



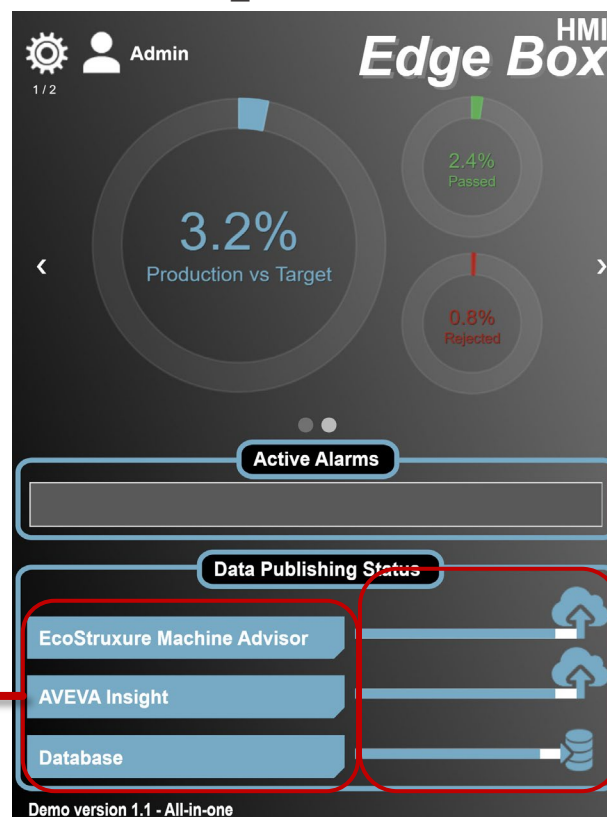
The demonstration project has two user accounts:

- Guest, password = (blank)
- Admin, password = Admin

main\_desktop screen



main\_mobile screen



Enable / Disable  
Communication

Communication Status  
and Links to Cloud Websites



### 3. Hardware Configuration



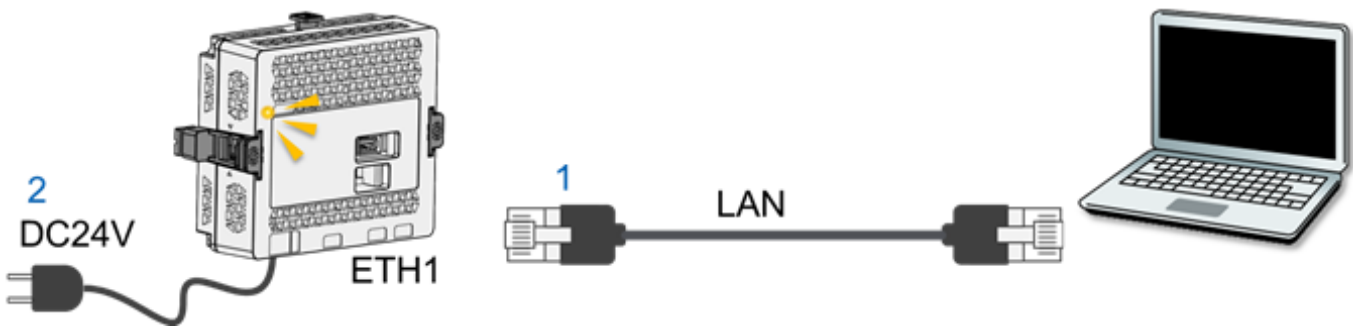
**ETH1 – OT Layer**  
Manual IP  
192.168.1.80

**ETH2 – IT Layer**  
Automatic/DHCP  
(e.g. 175.172.0.225)  
or  
Manual IP, Subnet, Gateway settings that  
allows access to the Internet  
(e.g. IP = 175.172.0.225  
Subnet = 255.255.255.0  
Gateway = 175.172.0.1)

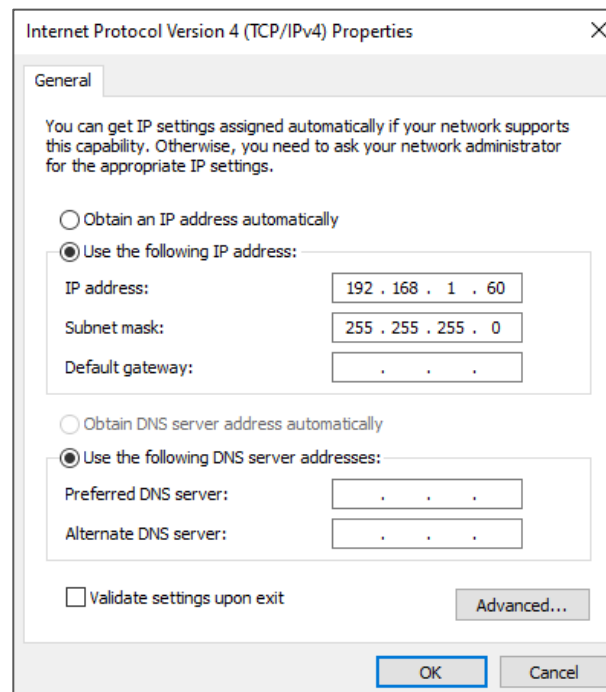
The STM6000 Edge Box HMI will have two connections for demonstration purposes:

- ETH1 is primarily for the Operational Technology layer (OT) and is potentially connected to OT devices. For an easy demonstration experience a database service can also be connected to this layer. No internet connectivity on this port.
- ETH2 is primarily for the Internet Technology layer (IT) and is potentially connected to the internet via a router, Local Area Network (LAN) or other edge/IT devices. Connections to cloud services, databases and other services can be done from this port.

1. Connect a USB transfer cable (micro-B) to Edge Box HMI.  
or Connect to the same network as PC (development environment) using ETH1 port of Edge Box HMI.
2. Turn on STM6000 Edge Box HMI. The status LED flashes orange.



3. Set IP address of your computer as follows:  
IP address: 192.168.1.60,  
Subnet Mask: 255.255.255.0



4. Open a web browser on your PC, and in the address bar enter the IP address of Edge Box HMI.  
 (Ethernet) <https://192.168.1.80>  
 (USB) <https://169.254.100.100>

The message “Your connection is not private” is displayed. To continue, click Advanced and then click Proceed to \*\*\* (\*\*\*) is the IP address).

5. Hardware Configuration screen is displayed.  
 Set a login password and click [Submit]. e.g. !Proface1234, and click [ Submit ]  
 Note: The user name is “Admins” and cannot be changed.

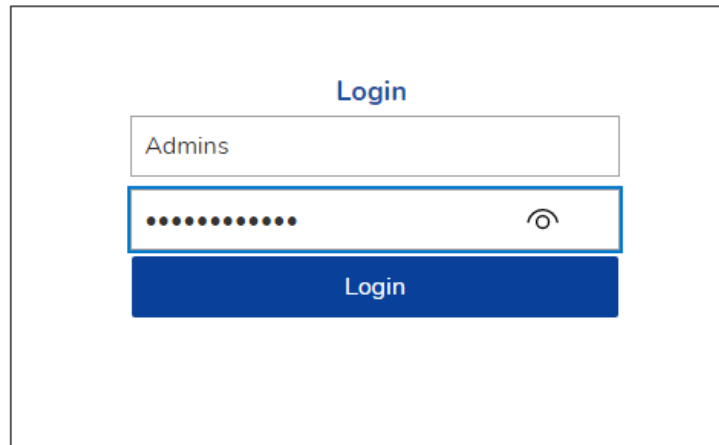
The screenshot shows the 'Hardware Configuration' screen of the Pro-face HMI. The page has a blue header with the Pro-face logo. The main content area is white and contains a form for setting a password. The form includes a 'User Name' field with the value 'Admins', a 'Create Password' section with 'Enter Password' and 'Confirm Password' fields, and a 'Submit' button. A red error message 'Password is not set' is displayed above the password fields. A red circle with the number '5' is overlaid on the right side of the form. The footer of the page contains the copyright notice '© 2021 Schneider Electric Japan Holdings Ltd. All Rights Reserved.' and the Pro-face logo.

The password must meet the following requirements:

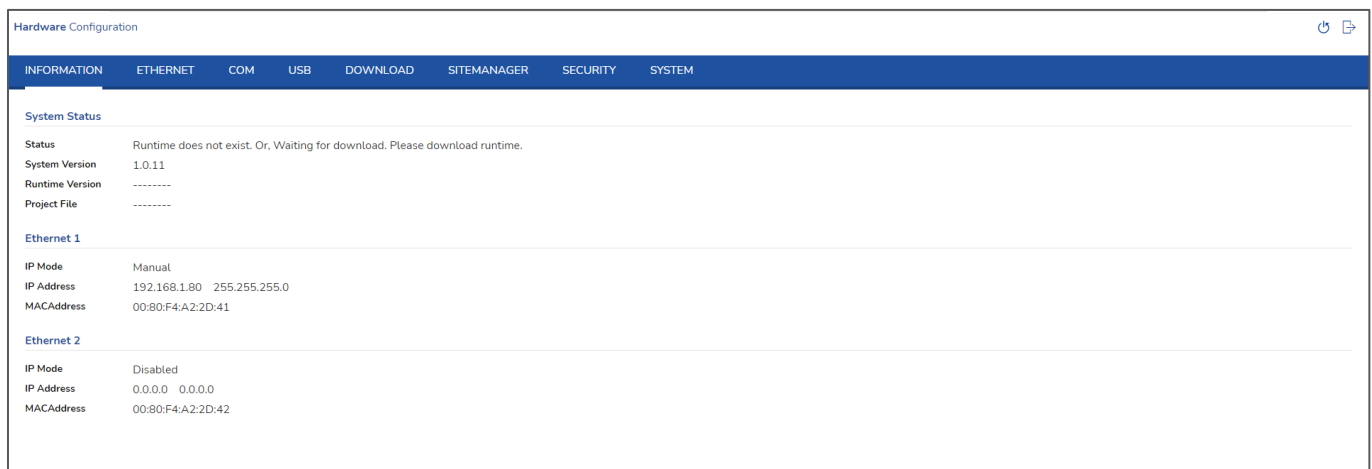
<b>Number of characters</b>	At least 8 single-byte characters, up to 64 characters
<b>Types of characters</b>	Use at least one of each of the following types of characters: <ul style="list-style-type: none"> <li>• Uppercase letter (A-Z)</li> <li>• Lowercase letter (a-z)</li> <li>• Number (0-9)</li> <li>• Symbol (special character): ! # - = _ .</li> </ul>

**Note:** If you forget the password, note that you will not be able to reset it. To restore the product to its original state (at time of purchase), contact customer support. All user data in the product will be lost.

5. Enter the User Name, Admins and the newly created password, e.g. !Proface1234. Click [ Login ]



The login form is titled "Login" in blue text. It contains two input fields: the first is labeled "Admins" and contains the text "Admins"; the second is a password field with masked characters (dots) and a toggle icon (an eye) to the right. Below the password field is a blue button labeled "Login".



The Hardware Configuration page has a top navigation bar with tabs: INFORMATION, ETHERNET, COM, USB, DOWNLOAD, SITEMANAGER, SECURITY, and SYSTEM. The INFORMATION tab is selected. The page content is divided into sections: System Status, Ethernet 1, and Ethernet 2.

System Status	
Status	Runtime does not exist. Or, Waiting for download. Please download runtime.
System Version	1.0.11
Runtime Version	-----
Project File	-----

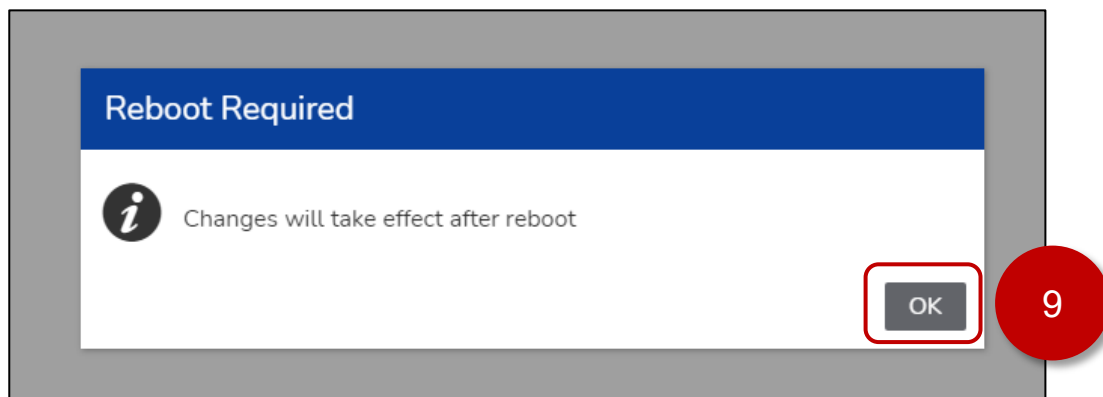
Ethernet 1	
IP Mode	Manual
IP Address	192.168.1.80 255.255.255.0
MACAddress	00:80:F4:A2:2D:41

Ethernet 2	
IP Mode	Disabled
IP Address	0.0.0.0 0.0.0.0
MACAddress	00:80:F4:A2:2D:42

6. Click [ DOWNLOAD ].

The screenshot shows the 'Hardware Configuration' page with a navigation bar containing 'INFORMATION', 'ETHERNET', 'COM', 'USB', 'DOWNLOAD', 'SITEMANAGER', 'SECURITY', and 'SYSTEM'. The 'DOWNLOAD' tab is highlighted with a red box and a red circle labeled '6'. Below the navigation bar, the 'Enable Project File Download' checkbox is checked and highlighted with a red box and a red circle labeled '7'. A warning message below the checkbox states: 'If the download is enabled, the risk of unauthorized access and infection of malicious software increases. Disable download after use'. The 'Submit' button is highlighted with a red box and a red circle labeled '8'.

7. Check [ Enable Project File Download ]
8. Click [ Submit ]. Changes will take effect after a reboot.
9. Click [ OK ] to accept the Reboot required message.



10. Click [ SYSTEM ]

The screenshot shows the 'Hardware Configuration' page with the 'SYSTEM' tab highlighted in the navigation bar with a red box and a red circle labeled '10'. The 'Enable Project File Download' checkbox is checked. The 'Submit' button is visible below the checkbox. The warning message is also present.

11. Set the [ Date ], [ Time ], [ Time-zone ] for your region.

Hardware Configuration

INFORMATION ETHERNET COM USB DOWNLOAD SITEMANAGER SECURITY SYSTEM

Date and Time Firmware Update Factory Reset Backup and Restore Configuration

Date  
2022-04-12

Time  
05:56:00 PM

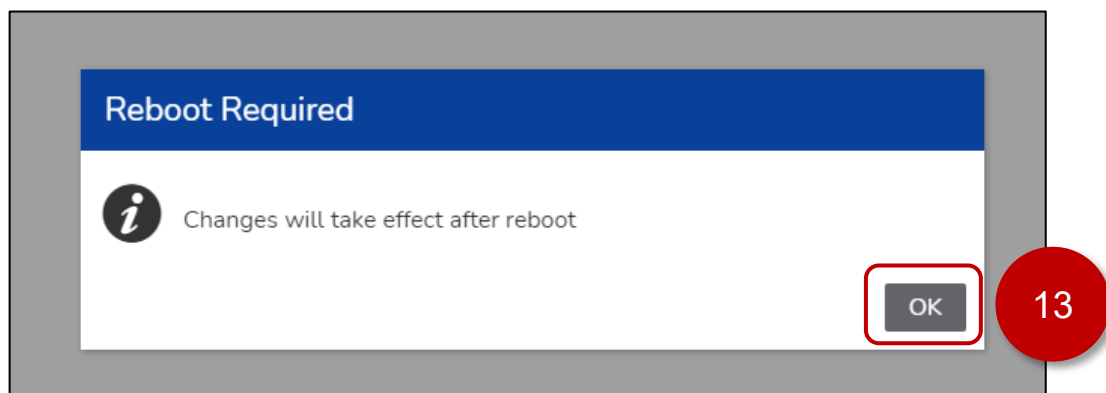
Time-zone  
(UTC-04:00) Canada/Eastern

Synchronized with NTP Server ☐

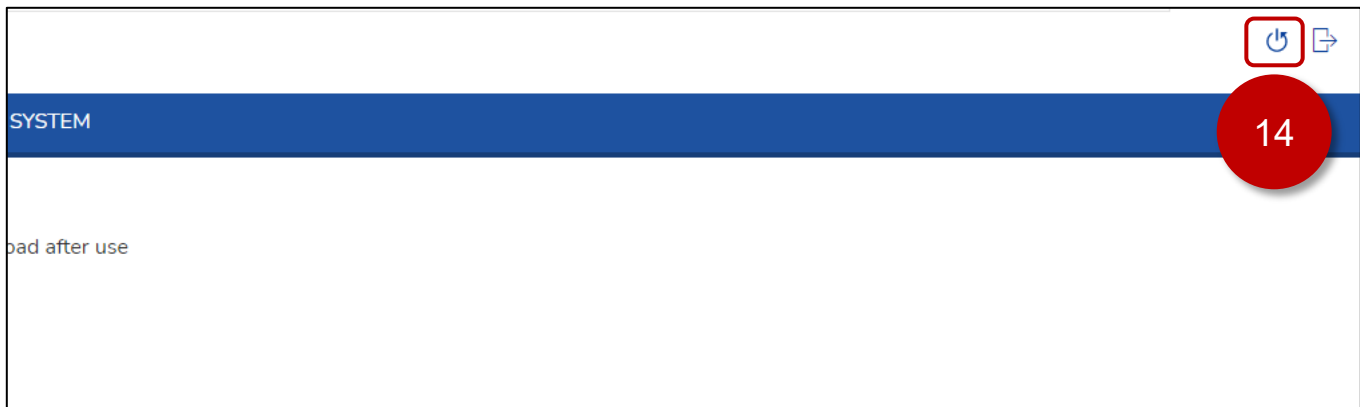
NTP Server

Submit

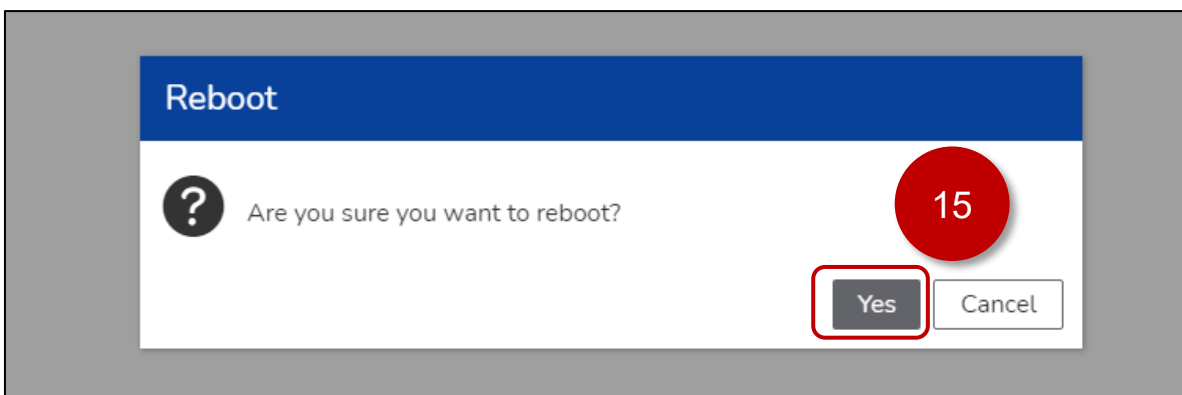
12. Click [ Submit ], changes will take effect after reboot.
13. Click [ OK ] to dismiss the Reboot Required dialog.



14. Click the [ Reboot ] icon  at the top right of the web page.



15. Click [ Yes ] in the Reboot dialog.



16. After the Edge Box HMI has rebooted. Confirm the [ Ethernet 1 ] Settings, [ Enable Project File Download ] check box, [ Date ], [ Time ], [ Time-zone ] are as previously selected.

Hardware Configuration

INFORMATION ETHERNET COM USB DOWNLOAD SITEMANAGER SECURITY SYSTEM

System Status

Status Runtime does not exist. Or, Waiting for download. Please download runtime.

System Version 1.0.11

Runtime Version -----

Project File -----

Ethernet 1

IP Mode Manual

IP Address 192.168.1.80 255.255.255.0

MACAddress 00:80:F4:A2:2D:41

Ethernet 2

IP Mode Disabled

IP Address 0.0.0.0 0.0.0.0

MACAddress 00:80:F4:A2:2D:42

16

Hardware Configuration

INFORMATION ETHERNET COM USB DOWNLOAD SITEMANAGER SECURITY SYSTEM

Enable Project File Download ☒

ⓘ If the download is enabled, the risk of unauthorized access and infection of malicious software increases. Disable download after use

Submit

16

Hardware Configuration

INFORMATION ETHERNET COM USB DOWNLOAD SITEMANAGER SECURITY SYSTEM

Date and Time Firmware Update Factory Reset Backup and Restore Configuration

Date

2022-04-12

Time

05:56:00 PM

Time-zone

(UTC-04:00) Canada/Eastern

Synchronized with NTP Server ☐

NTP Server

Submit

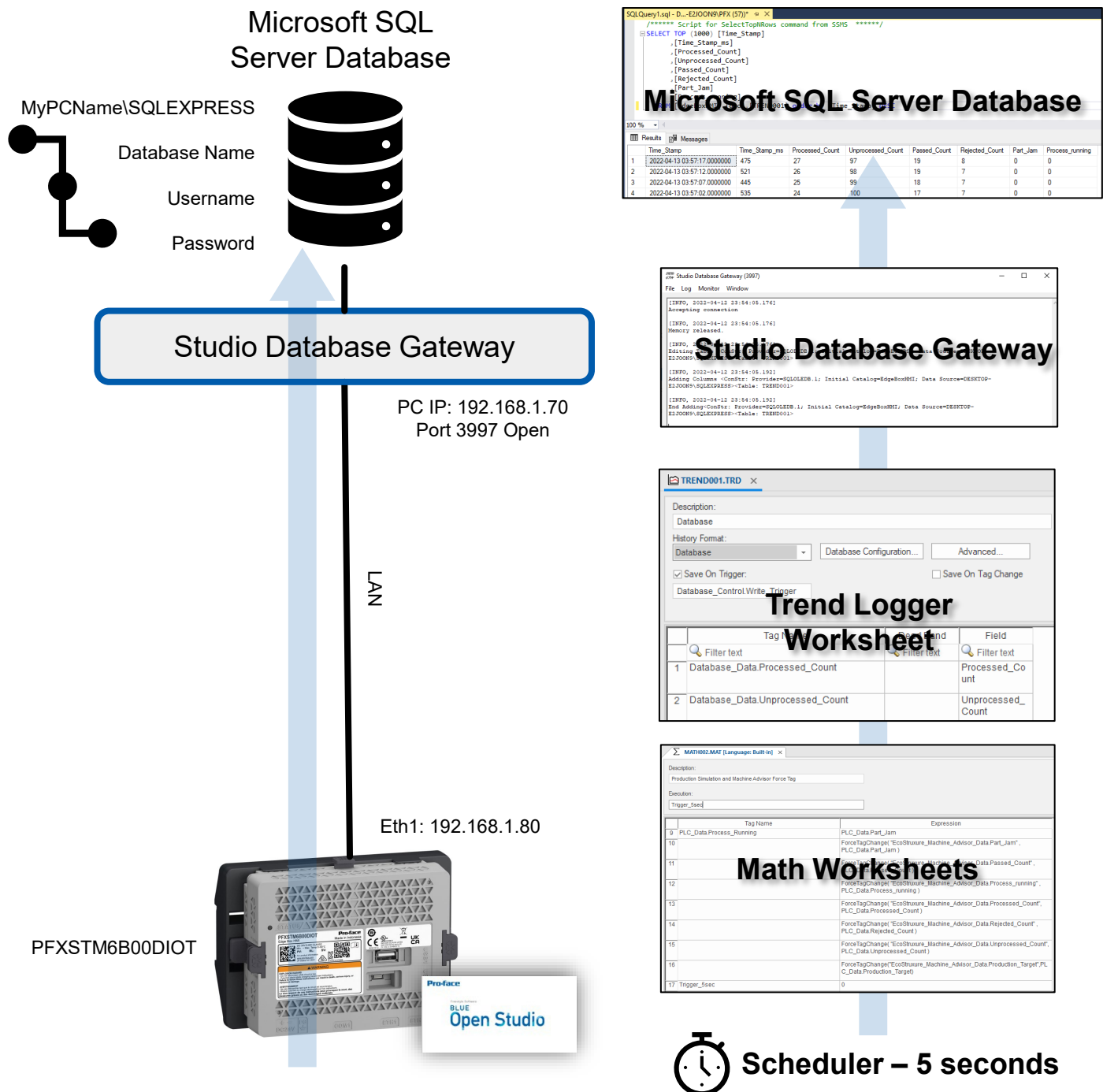
16



## 4. Database Configuration

### Overview

The STM6000 Edge Box HMI Demo – Database uses a Trend Logger worksheet to log data to a Microsoft SQL Server Database. Trend Logger data is logged every 5 seconds. Each time the trend logger sheet is triggered data is sent via the Studio Database Gateway which contains the communication driver for Microsoft SQL Server. The Studio Database Gateway establishes a connection to the database on behalf of the Edge Box HMI and logs the data to a table called TREND001.



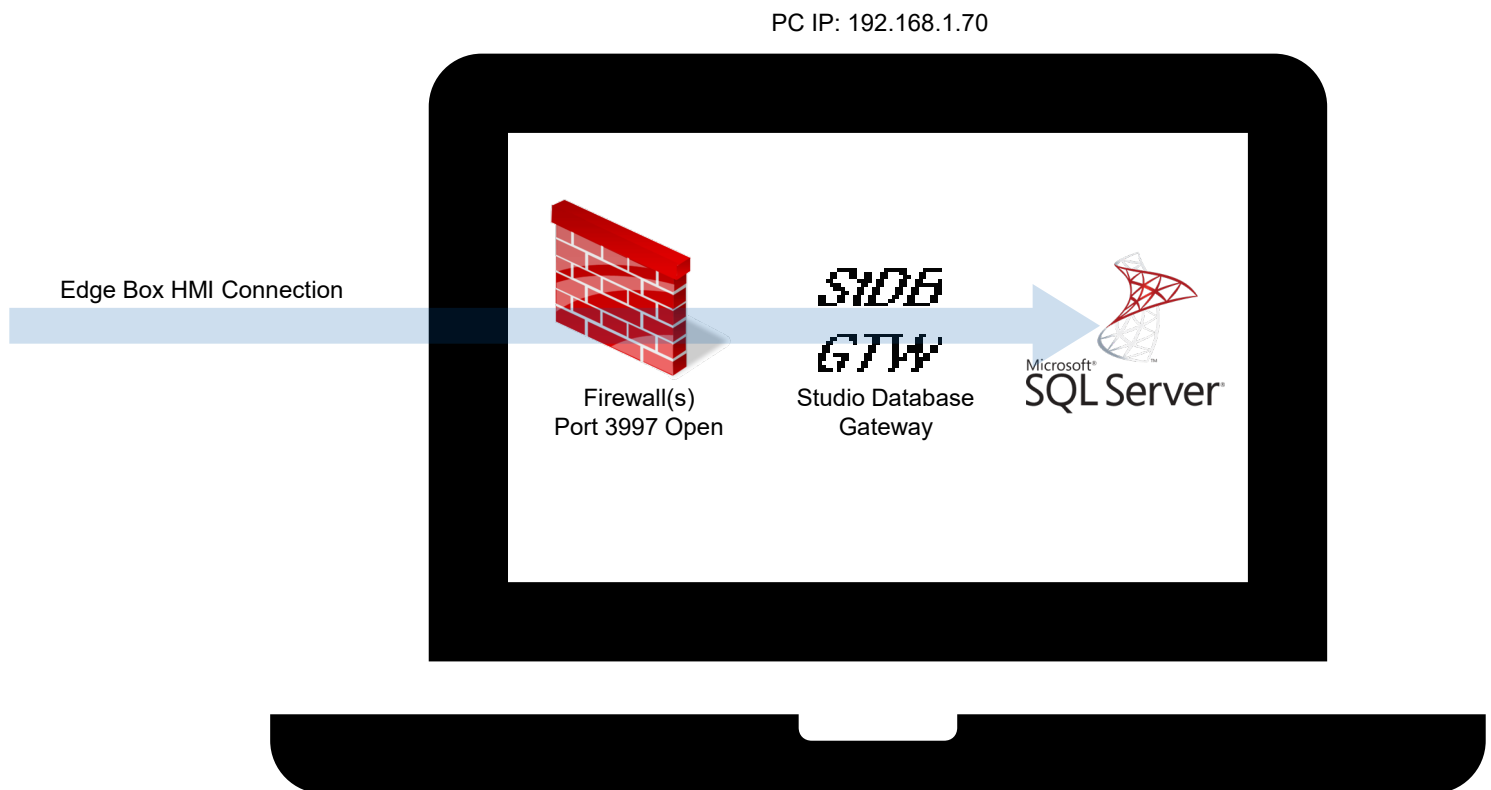
A simple configuration would have both the SQL Server instance and the Studio Database Gateway installed on the same Windows PC. The PC is configured with an IP Address of 192.168.1.70

For example, SQL Server 2019 installed on a Windows 10 PC with the following:

- Path to SQL Server = PCNAME\SQLEXPRESS
- Database name = EdgeBoxHMI
- Mixed mode authentication with a local user account as db\_Owner for the EdgeBoxHMI database and login rights
  - Username = EdgeBoxHMI
  - Password = !Proface1234

On the same PC as SQL Server the Studio Database gateway is installed and running on port 3997.

PC Firewall(s) open for port 3997 for access to the Studio Database Gateway.



# Microsoft SQL Server 2019 Installation and Configuration

(requires internet connection)

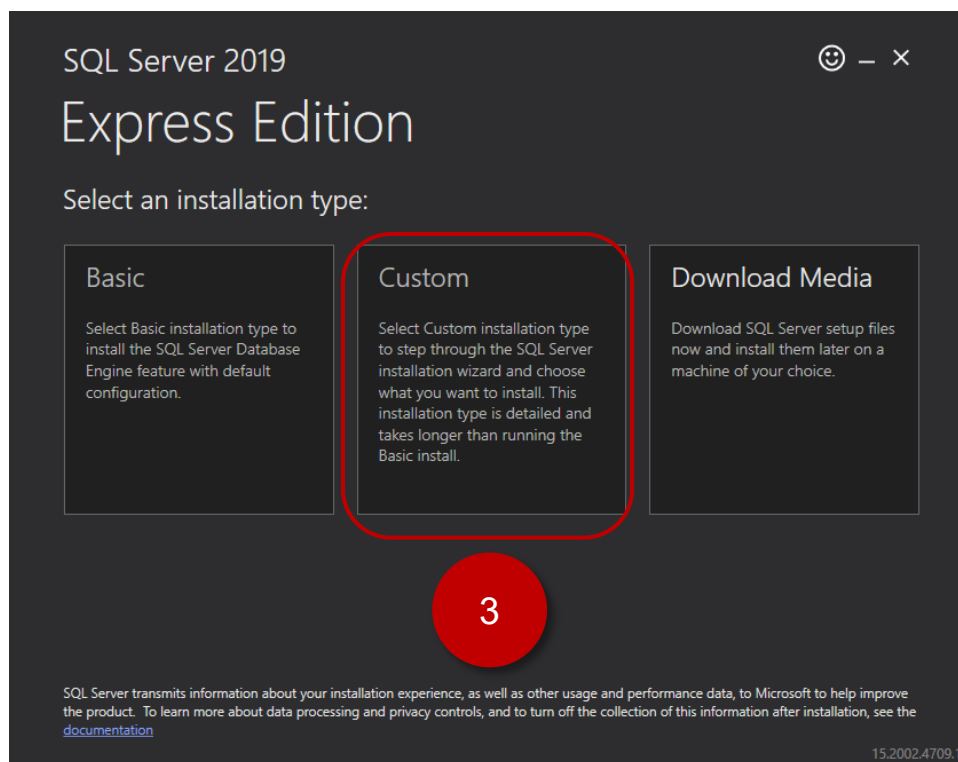
For ease of configuration both Microsoft SQL Server 2019 and Microsoft SQL Management Studio will be required. It is assumed that there is no existing Microsoft SQL Server 2019 instance and no existing Microsoft SQL Management Studio installed on the PC.

1. Download SQL Server 2019 Express installer (SQL2019-SSEI-Expr.exe or similar @ ~6MB) from the following link:

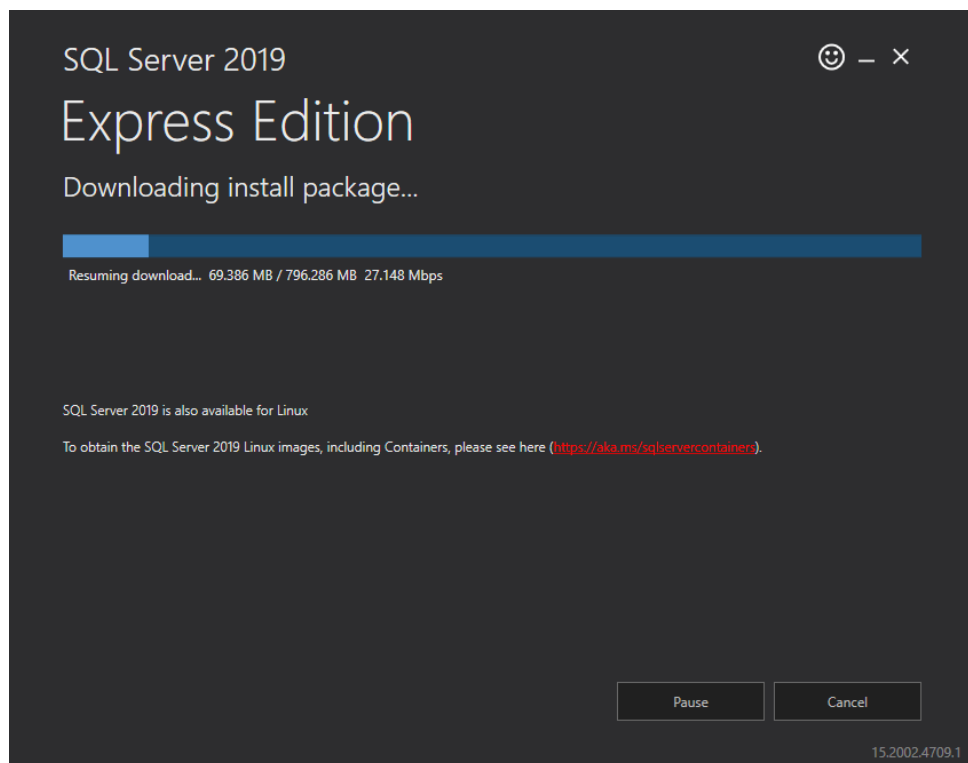
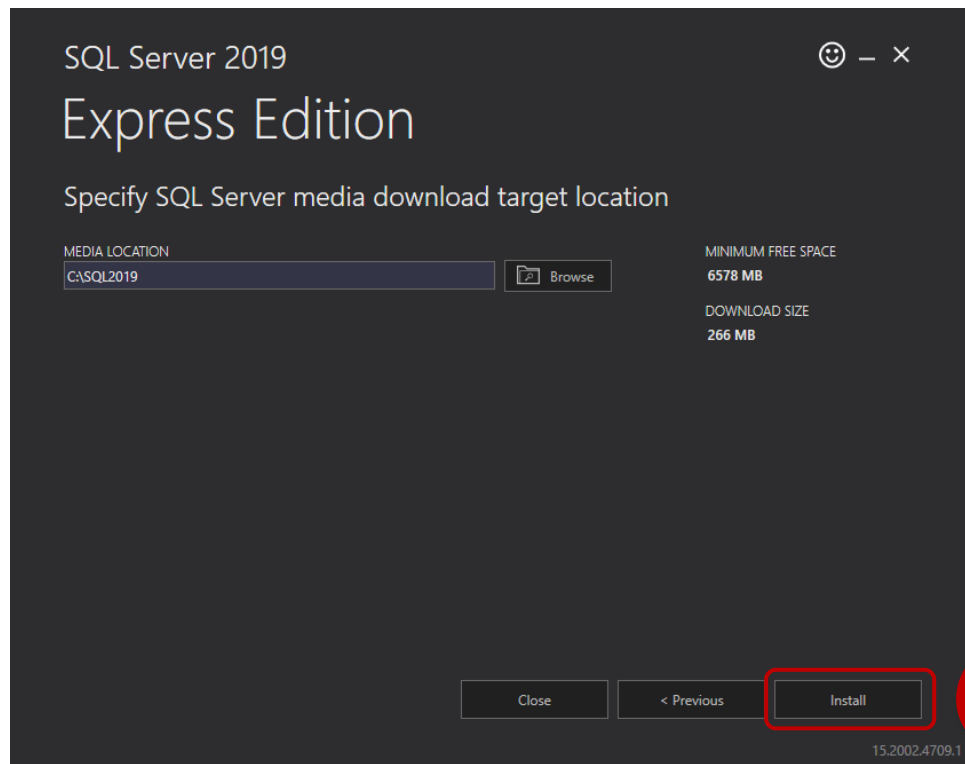
<https://www.microsoft.com/en-ca/sql-server/sql-server-downloads>

**Note:** other versions of SQL Server can be used however this procedure is specifically for SQL Server 2019 Express as of April 2022. Choose your localised language version, as necessary.

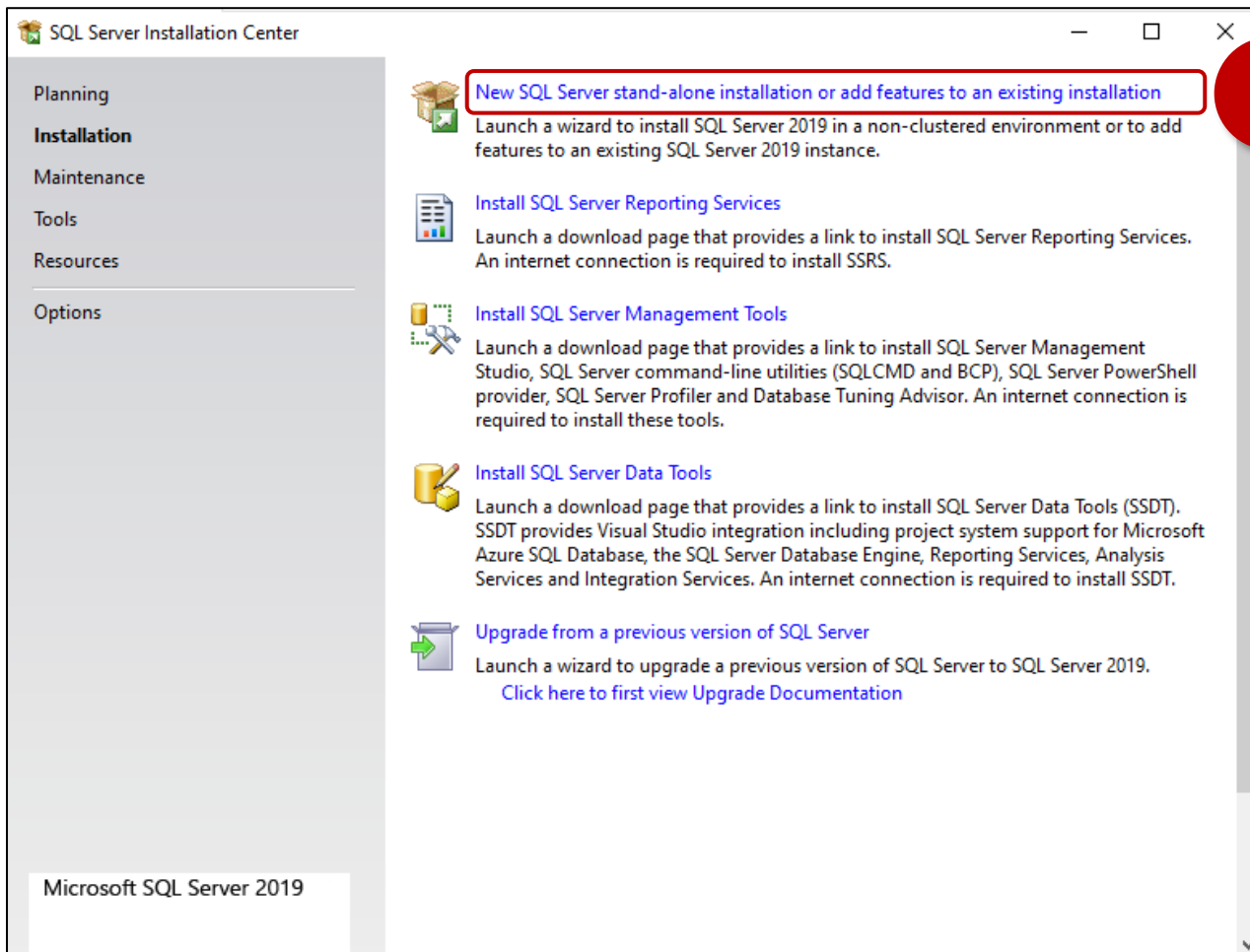
2. Run SQL2019-SSEI-Expr.exe
3. Select [ Custom ]



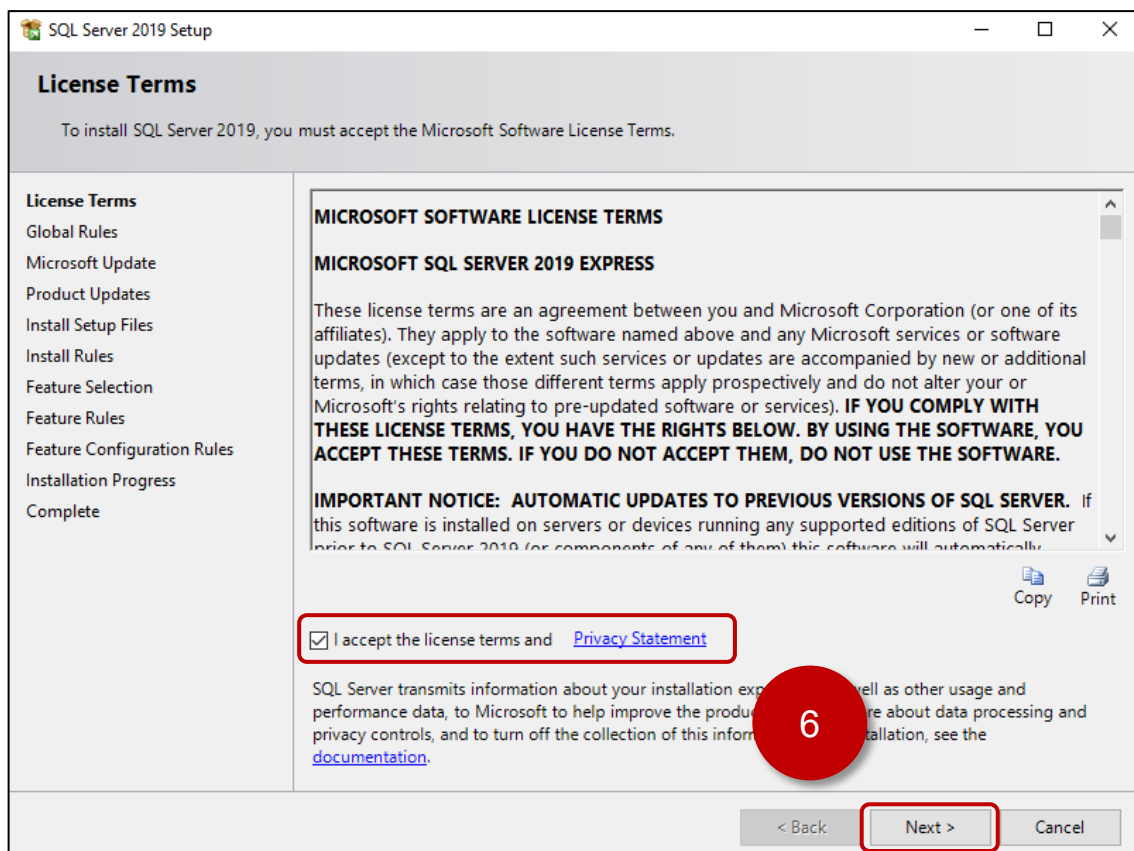
4. Confirm the download location is acceptable and there is enough free space on the drive. Click [ Install ]



5. Click [ New SQL Server stand-alone installation or add features to an exiting installation ]

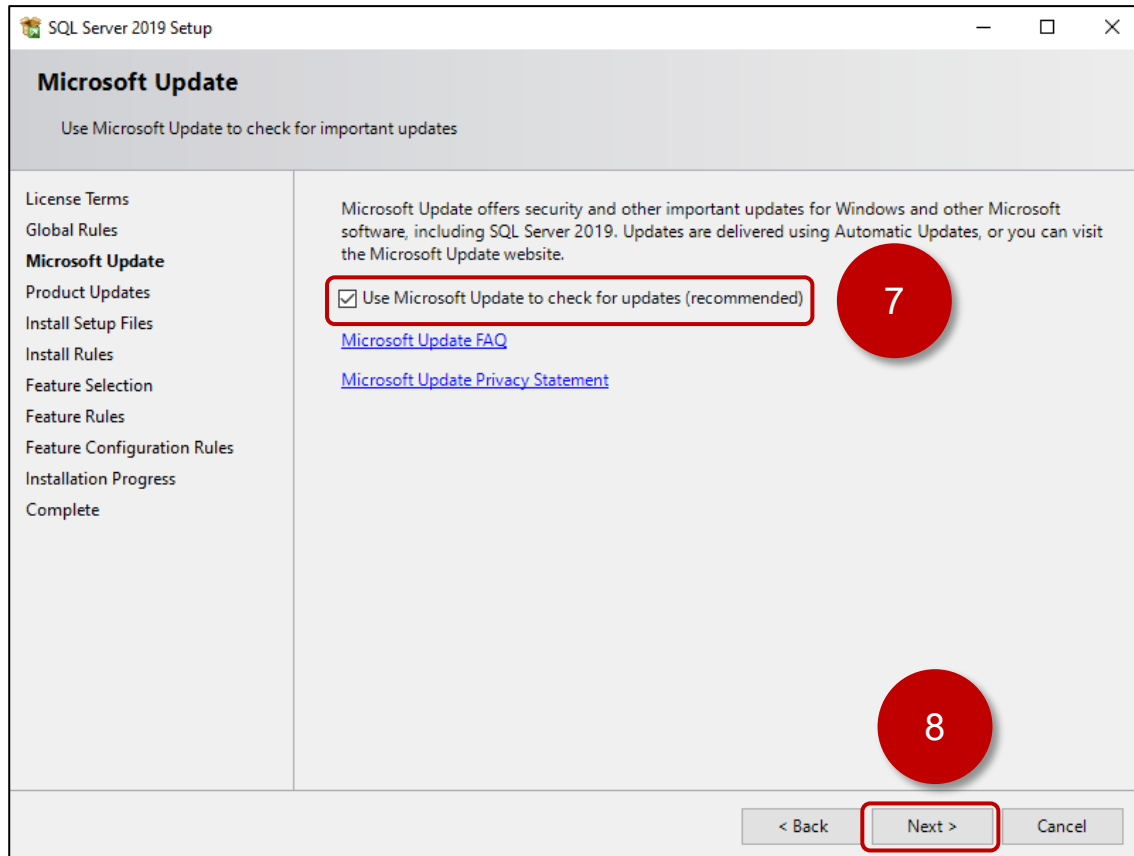


6. Check the “I accept the license terms...” checkbox and click [ Next ]



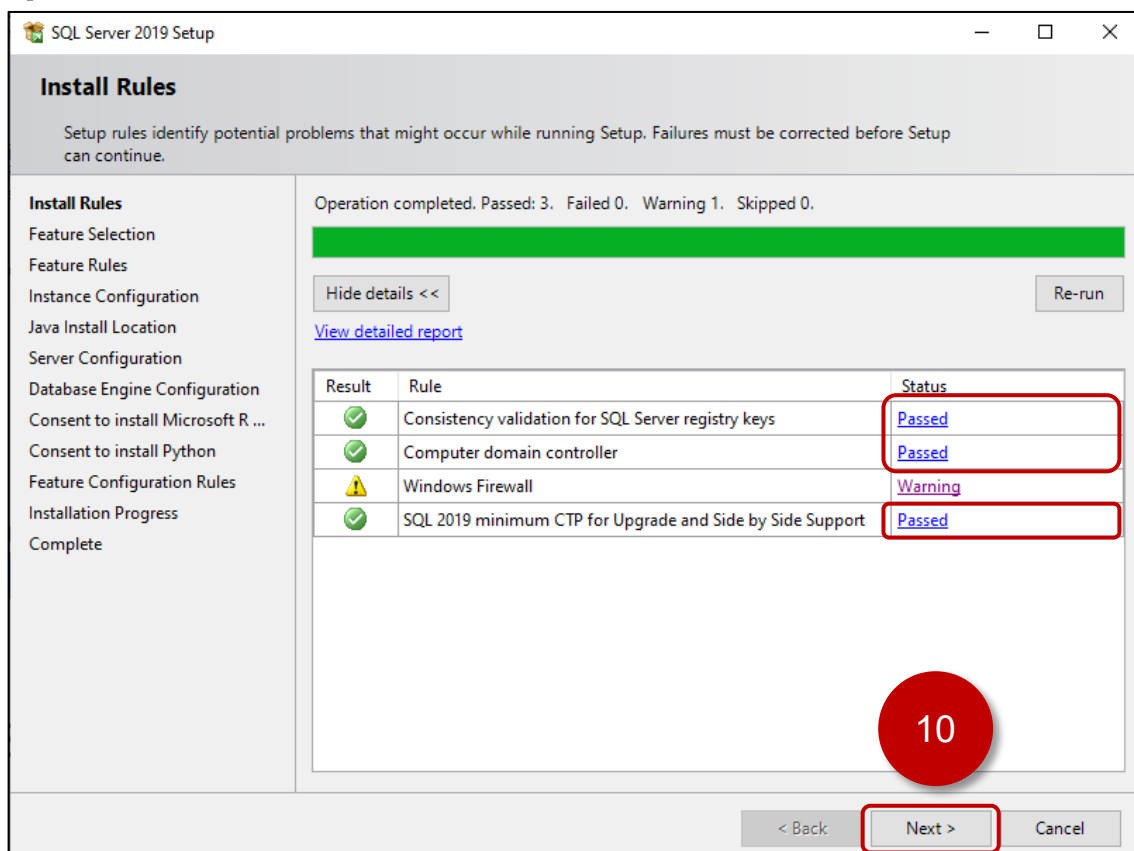
7. Optional: Check the “Use Microsoft Update to check for updates...”

8. Click [ Next ]

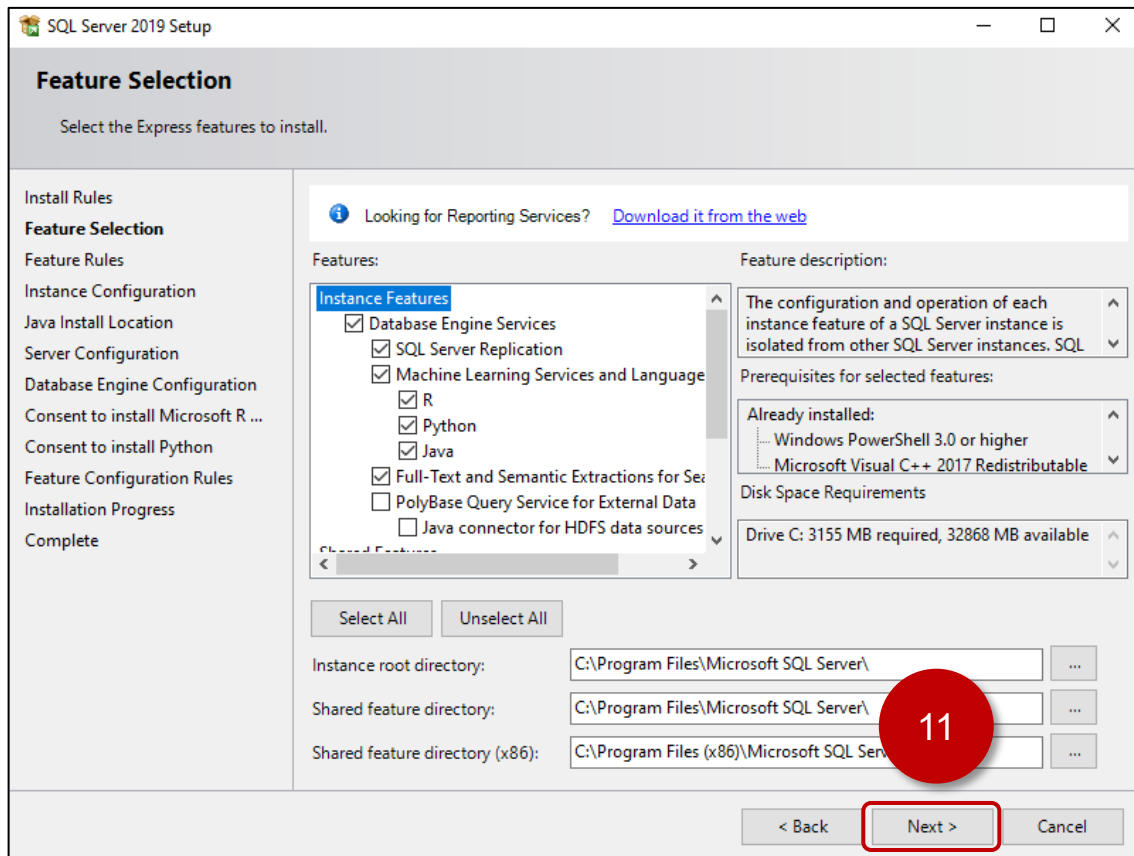


9. Confirm status is “Passed” for 3 of the 4 entries. Windows Firewall exception is option for SQL server itself for the purposes of the demo. The Studio Database Gateway cover later will require a firewall exception.

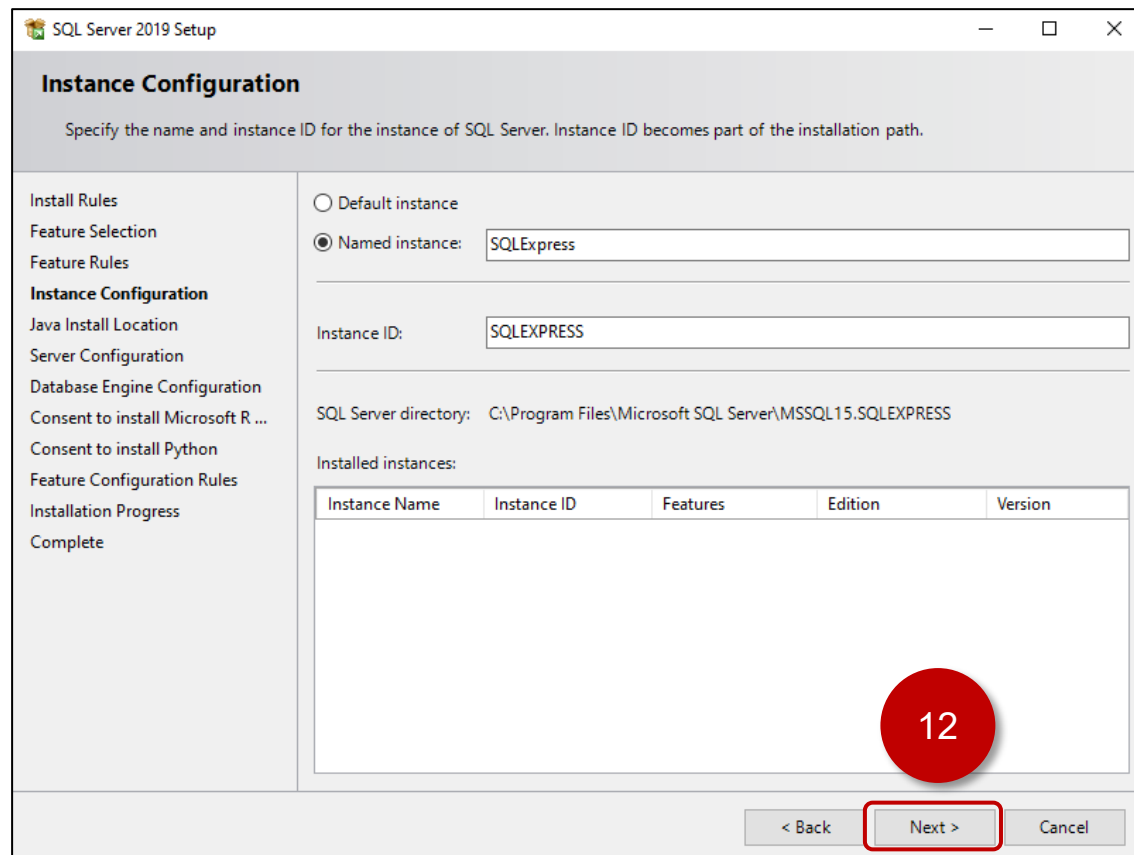
10. Click [Next]



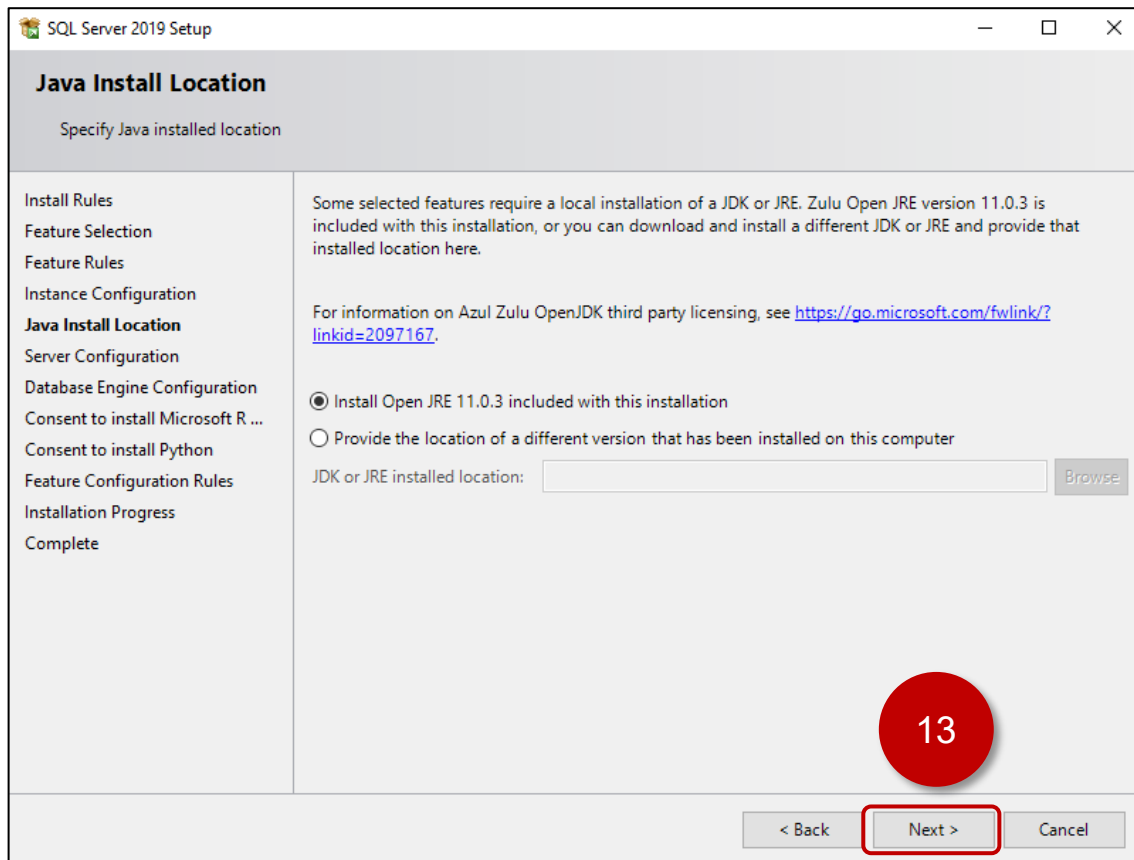
11. Leave the Feature Selection as default. Click [ Next ]



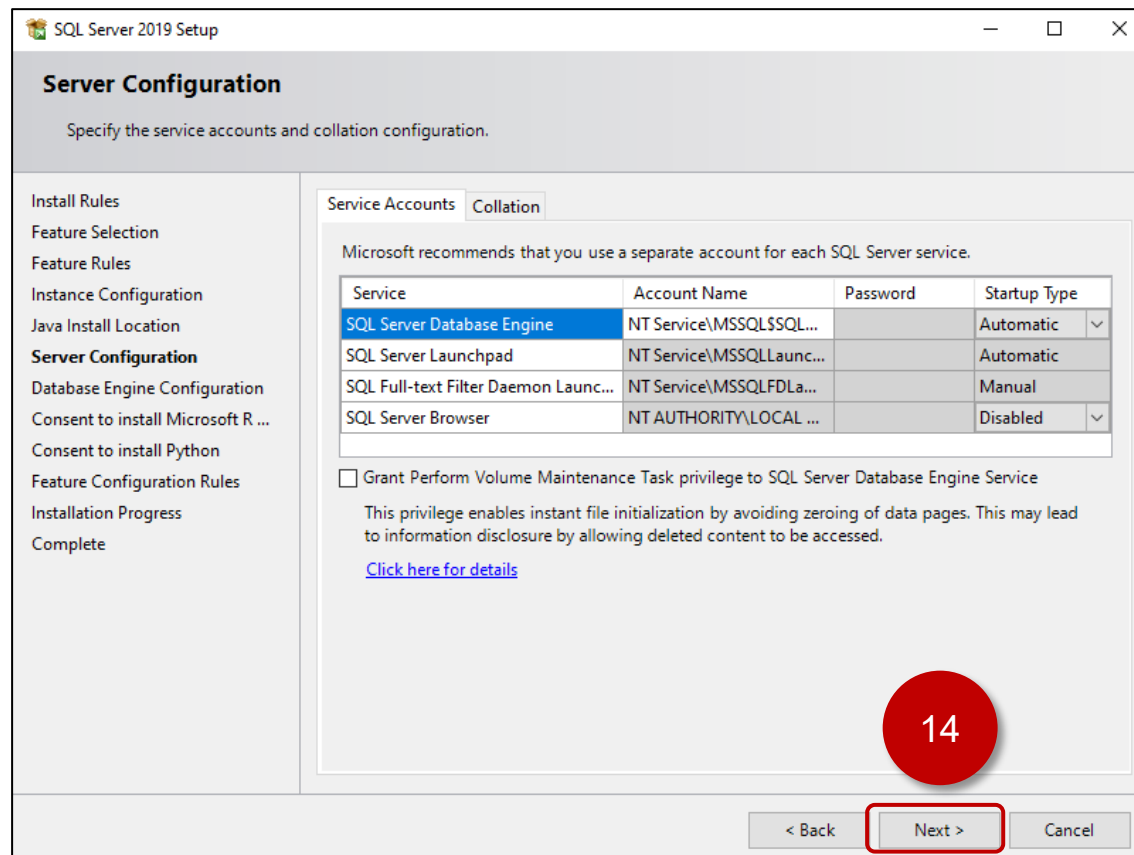
12. Leave the Instance Configuration as default. Click [ Next ]



13. Leave the Java Install as default. Click [ Next ]



14. Leave the Server Configuration as default. Click [ Next ]



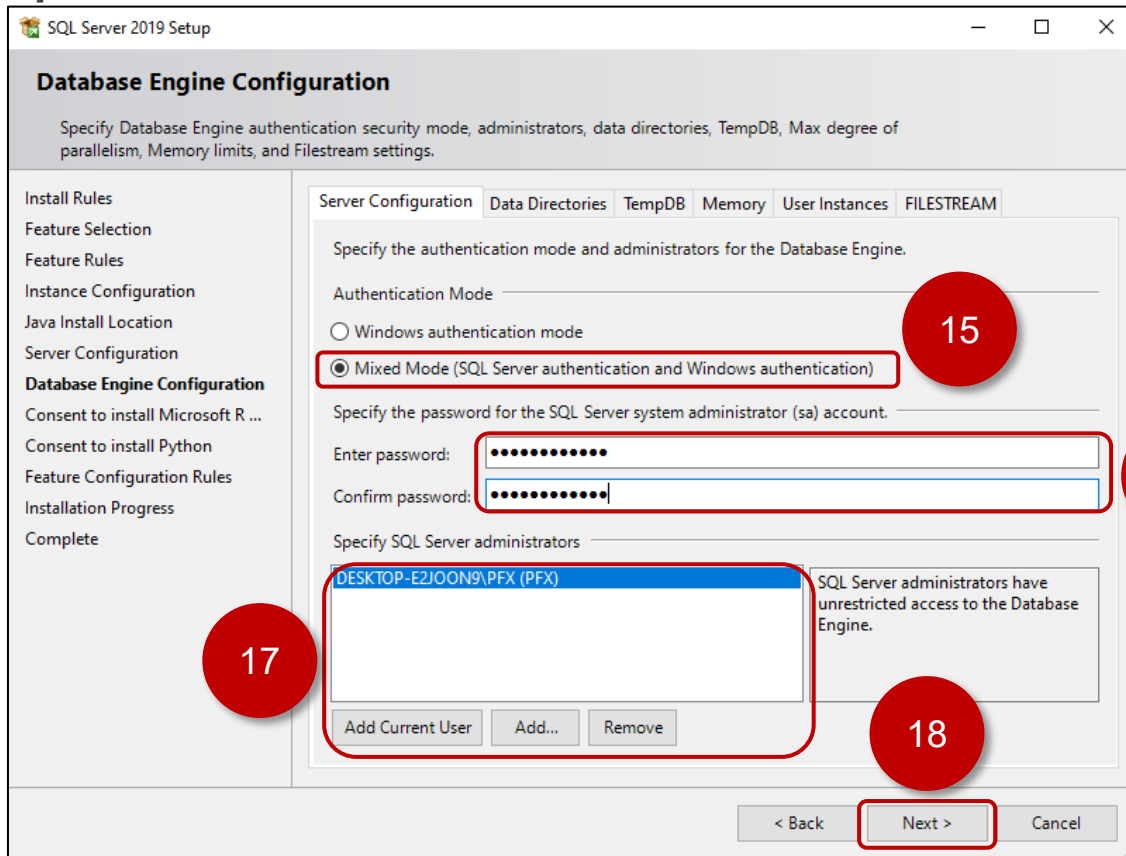


15. Set the Authentication Mode to “Mixed Mode”.

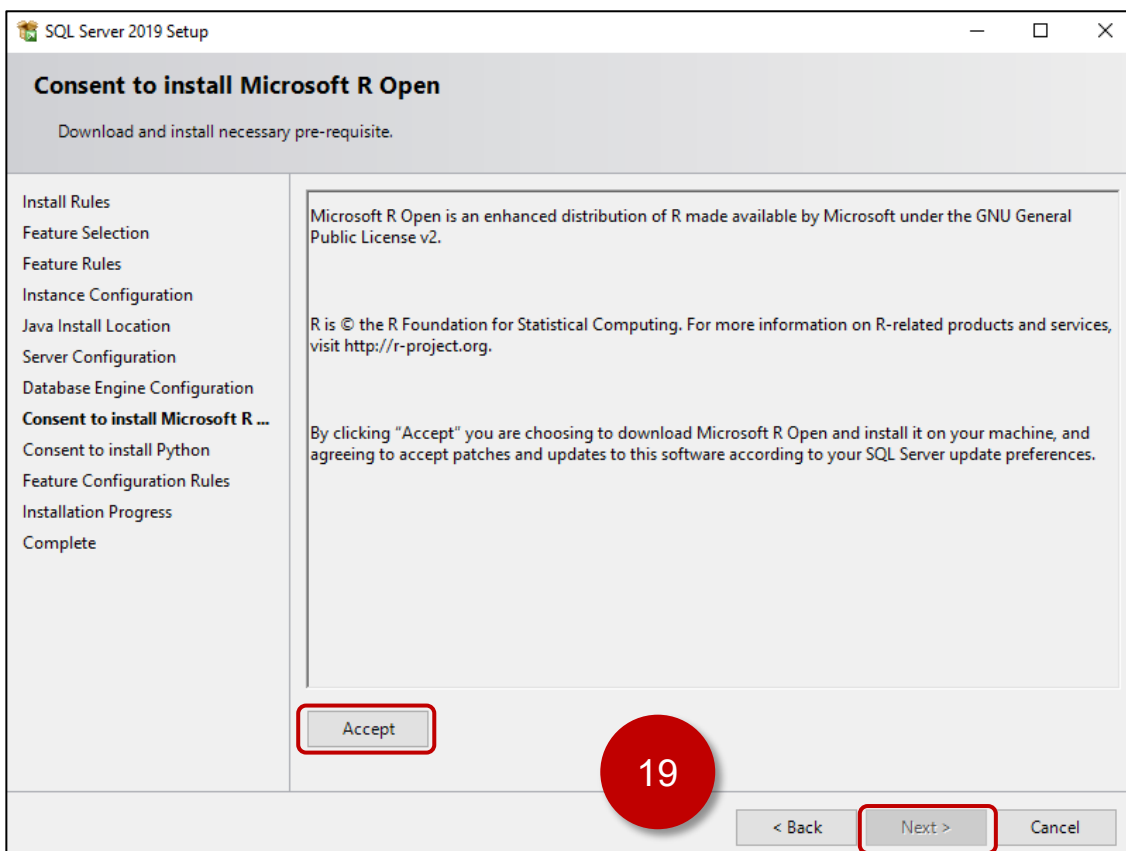
16. Enter the sa account password.

17. Specify Windows accounts that will act as administrator for SQL Server. Can be left as default.

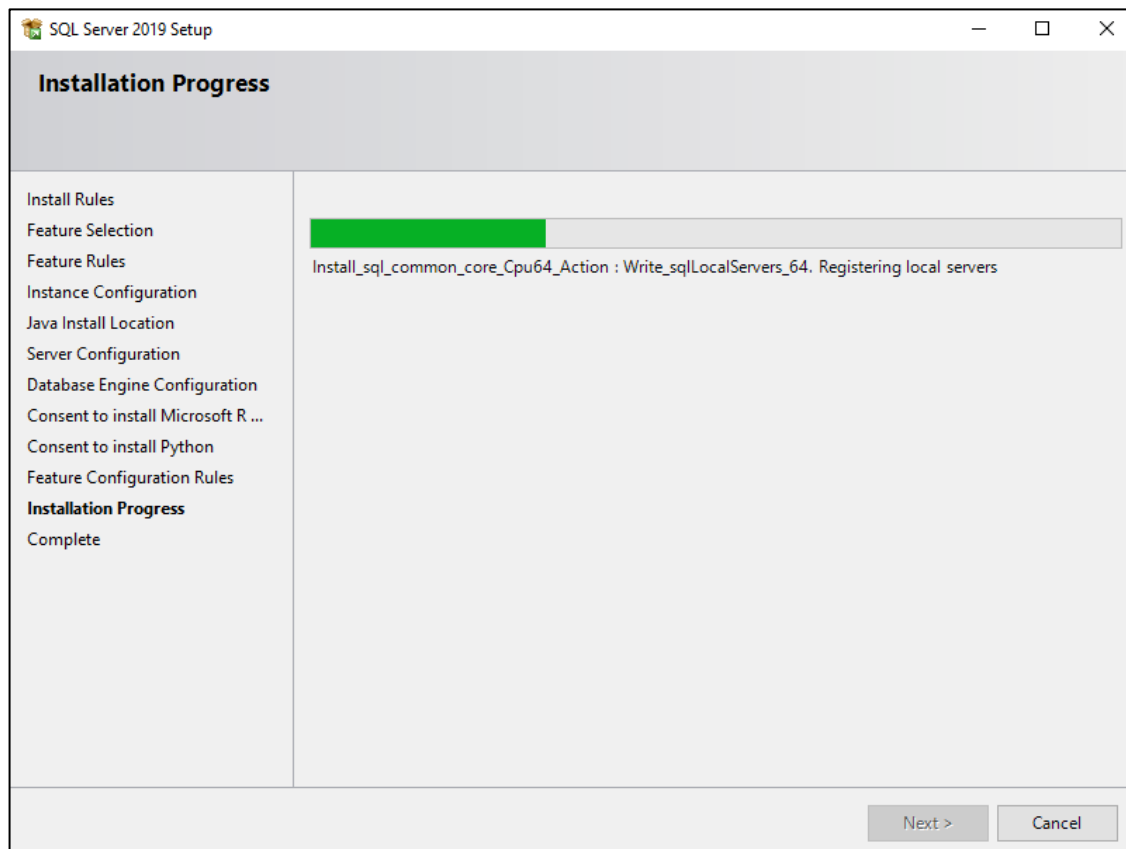
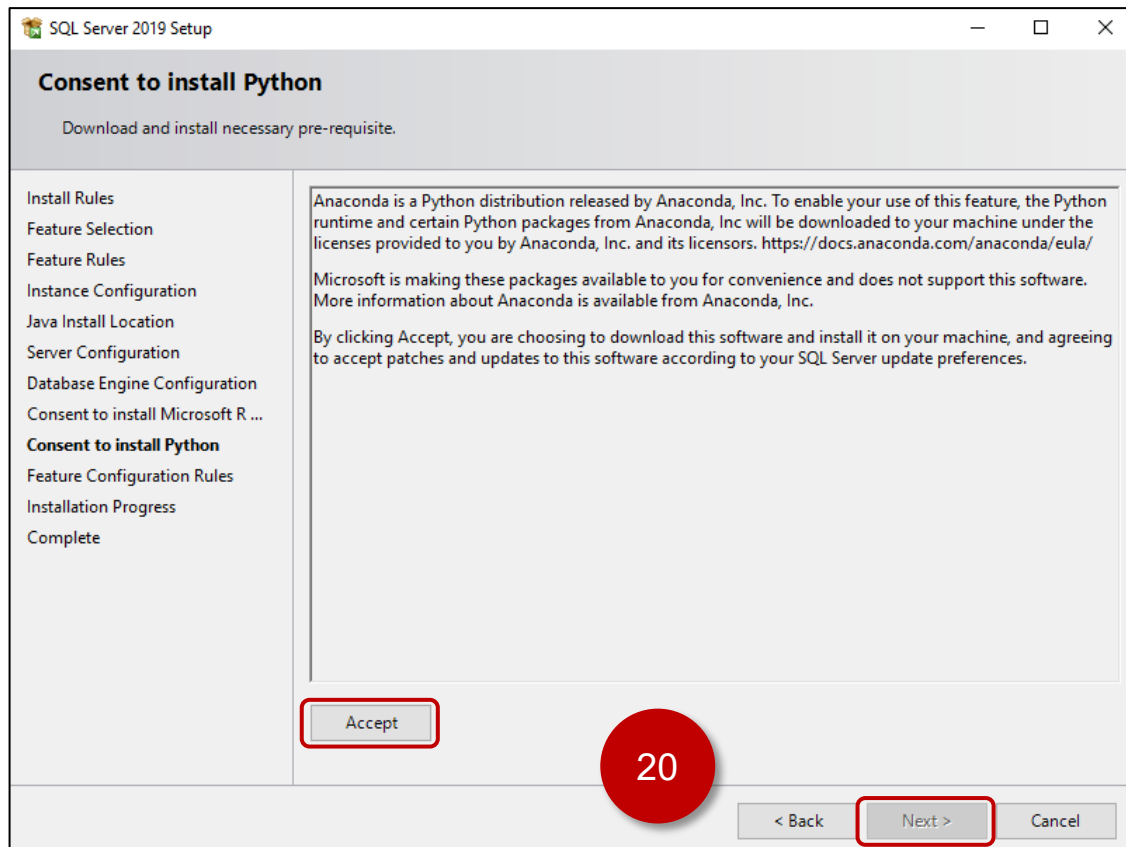
18. Click [ Next ].



19. Click [ Accept ] and click [ Next ].

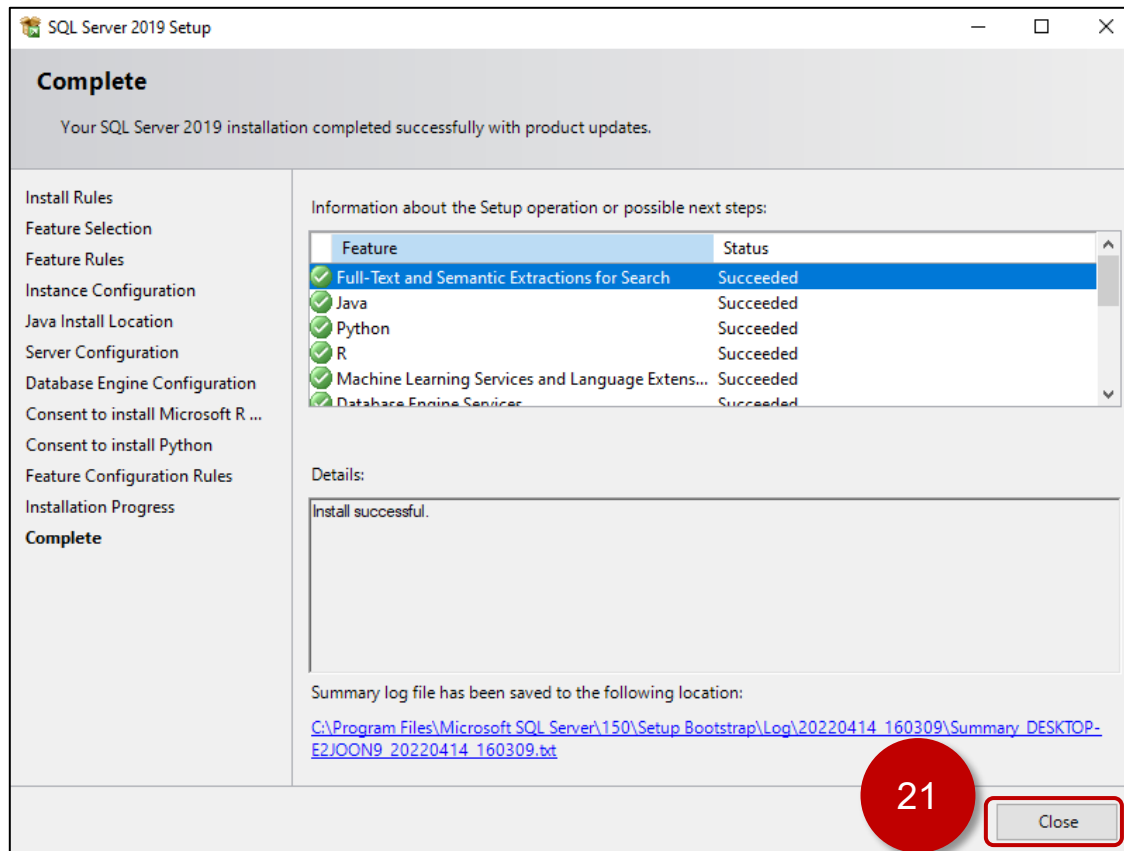


20. Click [ Accept ] and click [ Next ]

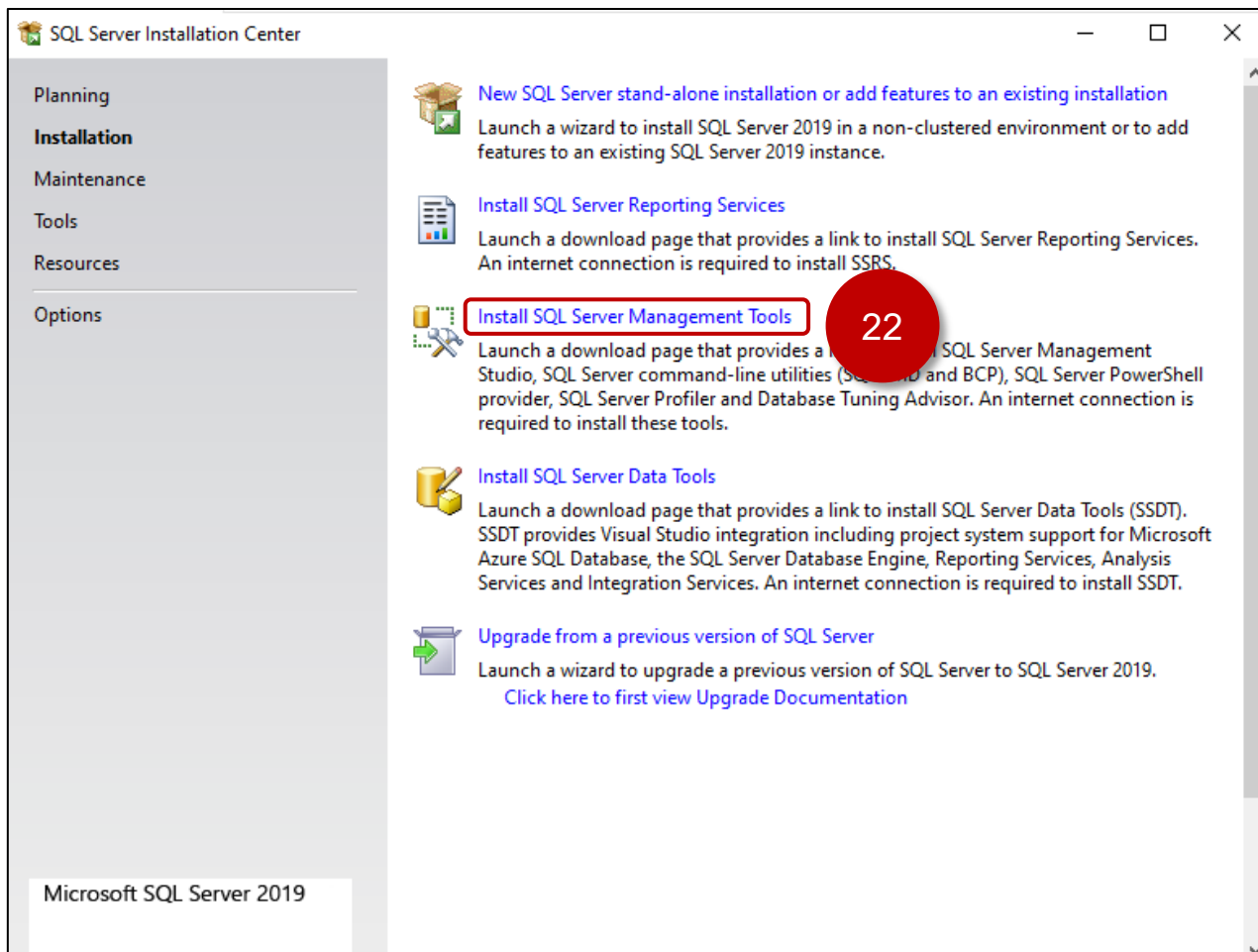


21. Click [ Accept ] and click [ Next ].

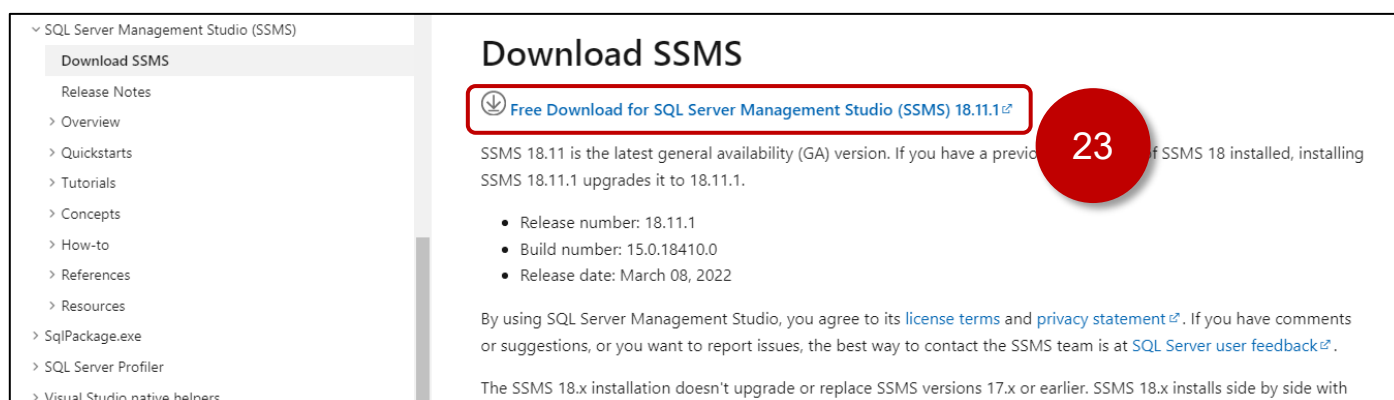
21. Confirm that all features show Status as “Succeeded”. Click [ Close ]



22. Click [ Install SQL Server Management Tools ].



## 23. Download the latest version of SQL Server Management Studio (~690 MB)



SQL Server Management Studio (SSMS)

Download SSMS

Release Notes

Overview

Quickstarts

Tutorials

Concepts

How-to

References

Resources

SqlPackage.exe

SQL Server Profiler

Visual Studio native helpers

## Download SSMS

[Free Download for SQL Server Management Studio \(SSMS\) 18.11.1](#)

SSMS 18.11 is the latest general availability (GA) version. If you have a previous version of SSMS 18 installed, installing SSMS 18.11.1 upgrades it to 18.11.1.

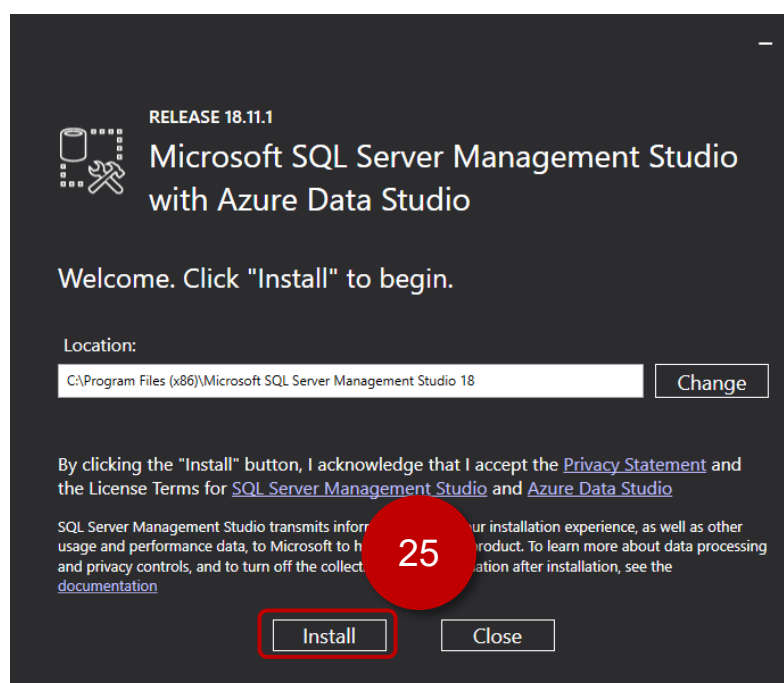
- Release number: 18.11.1
- Build number: 15.0.18410.0
- Release date: March 08, 2022

By using SQL Server Management Studio, you agree to its [license terms](#) and [privacy statement](#). If you have comments or suggestions, or you want to report issues, the best way to contact the SSMS team is at [SQL Server user feedback](#).

The SSMS 18.x installation doesn't upgrade or replace SSMS versions 17.x or earlier. SSMS 18.x installs side by side with

## 24. Run the SSMS-SETUP\_ENU.exe or similar installer that was downloaded.

## 25. Click [ Install ].



RELEASE 18.11.1

Microsoft SQL Server Management Studio with Azure Data Studio

Welcome. Click "Install" to begin.

Location:

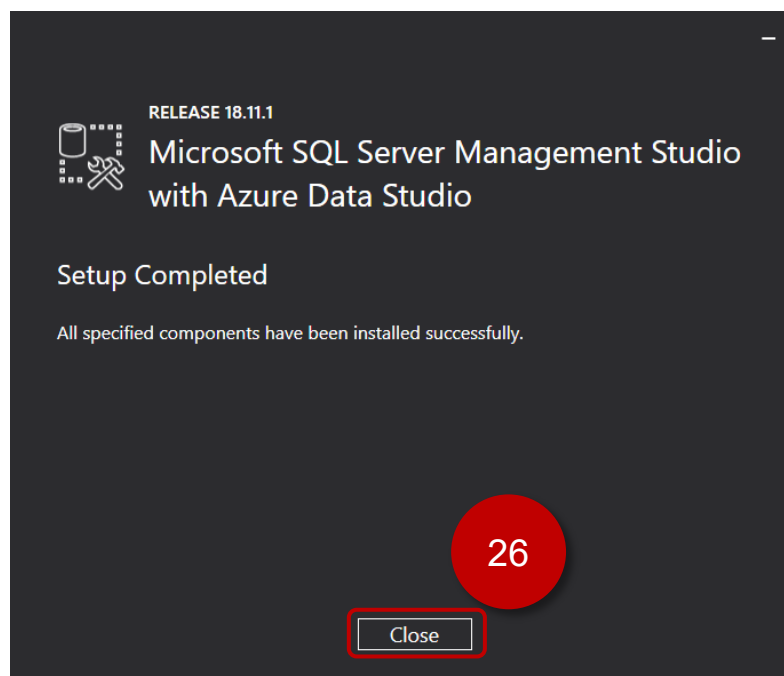
C:\Program Files (x86)\Microsoft SQL Server Management Studio 18 [Change](#)

By clicking the "Install" button, I acknowledge that I accept the [Privacy Statement](#) and the License Terms for [SQL Server Management Studio](#) and [Azure Data Studio](#)

SQL Server Management Studio transmits information about your installation experience, as well as other usage and performance data, to Microsoft to help improve our product. To learn more about data processing and privacy controls, and to turn off the collection of this information after installation, see the [documentation](#)

[Install](#) [Close](#)

## 26. Click [ Close ]



RELEASE 18.11.1

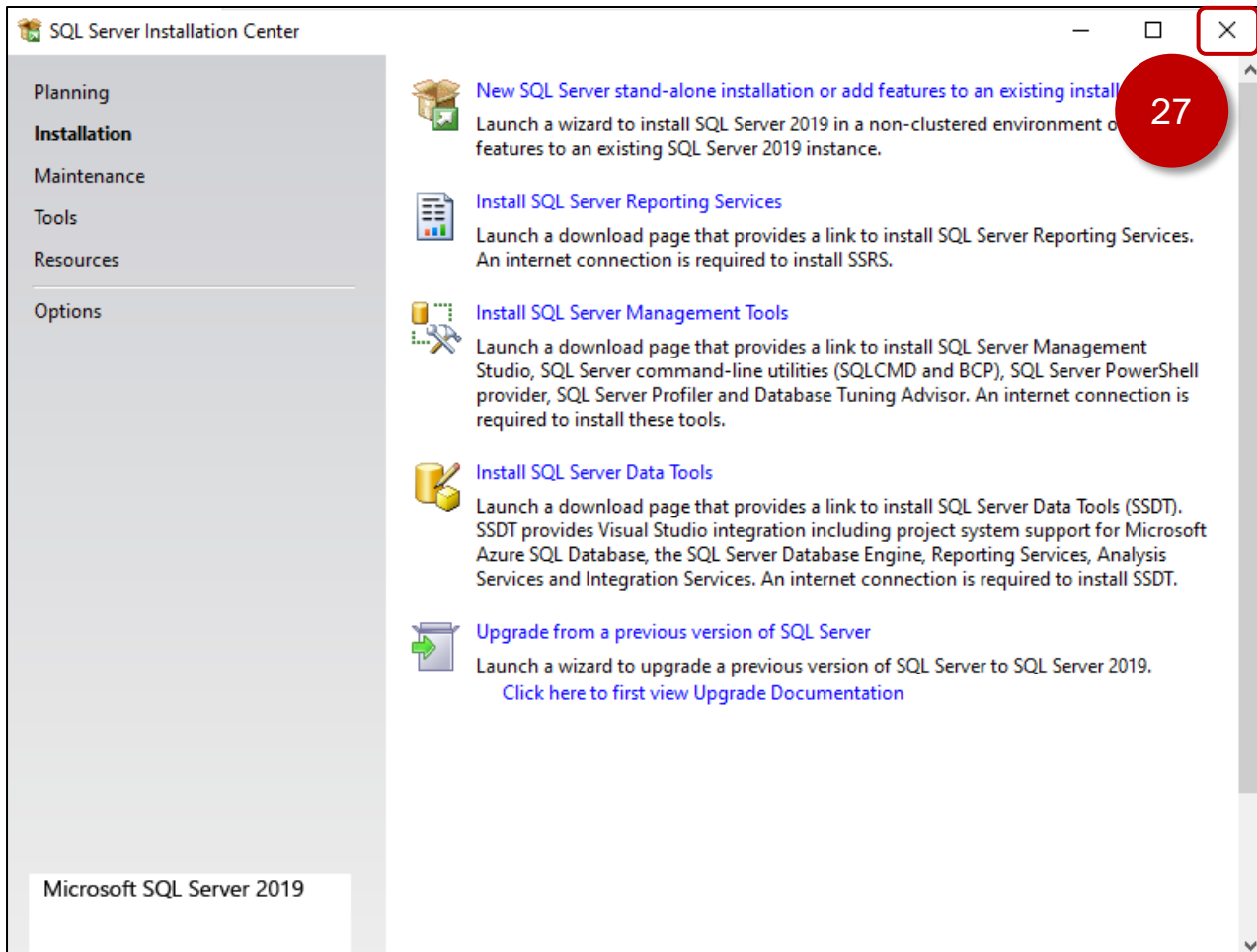
Microsoft SQL Server Management Studio with Azure Data Studio

Setup Completed

All specified components have been installed successfully.

[Close](#)

27. Close the “SQL Server Installation Center” window.

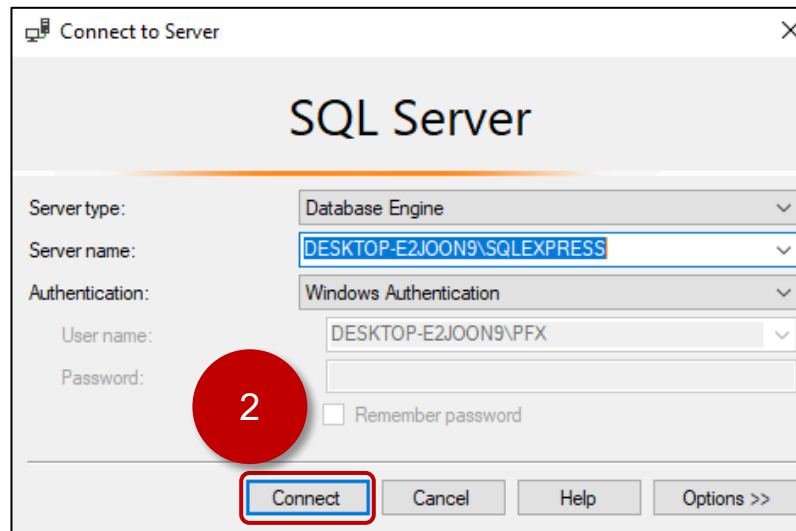


## Create a SQL Database

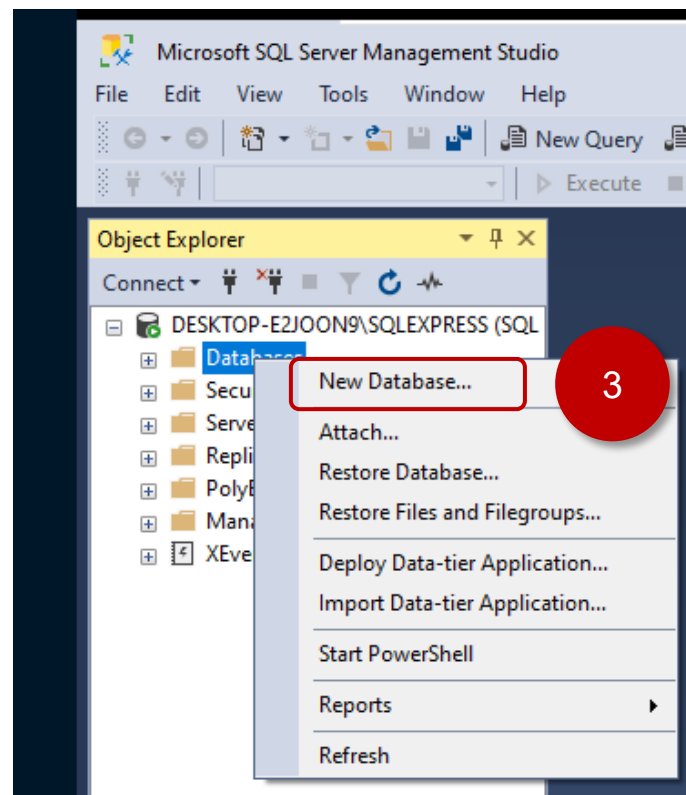
This procedure assumes there is not an existing database for use with the project.

**This database setup is for demonstration purposes only. Please ensure the appropriate security measures are taken before deploying any database in a production environment.**

1. Start [ Microsoft SQL Management Studio]
2. If you followed the previous section's instructions and the current Windows user account is an administrator for SQL, leave the [ Connect to Server ] dialog settings as default and click [ Connect ]. If not, enter the correct Server name and Authentication details.

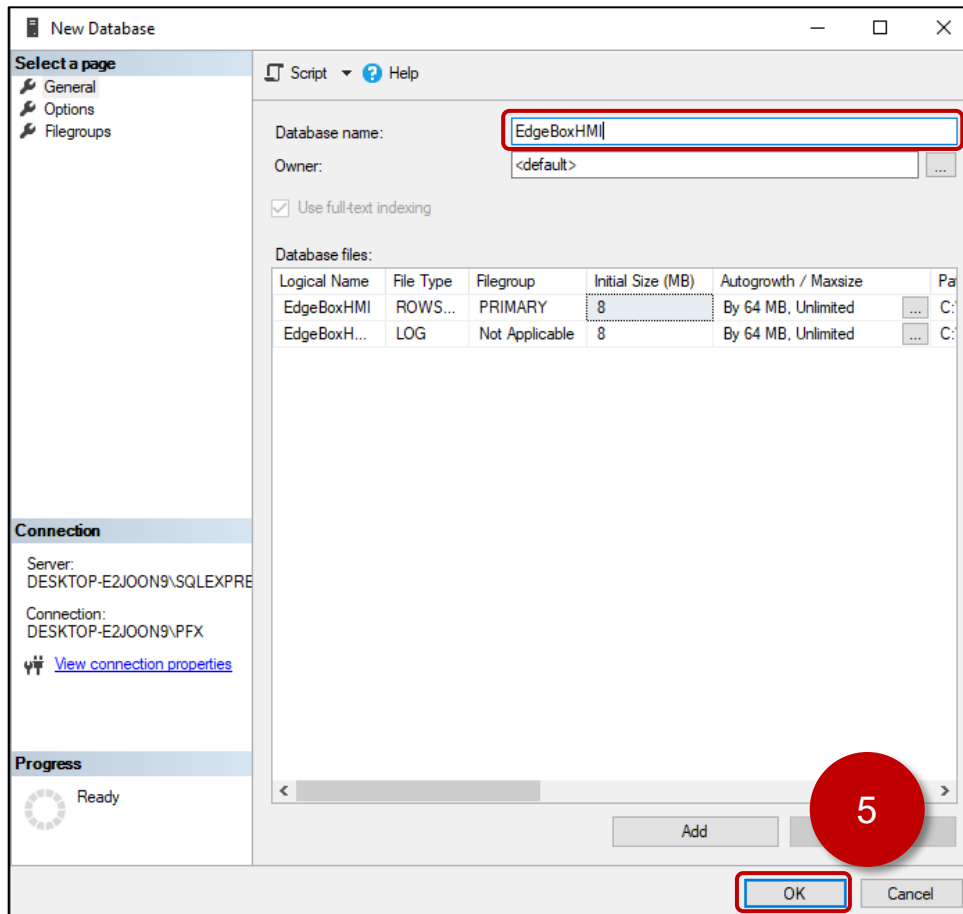


3. [ Object Explorer ] -> [ Databases ] right-click [ Databases ] and click [ New Database... ].

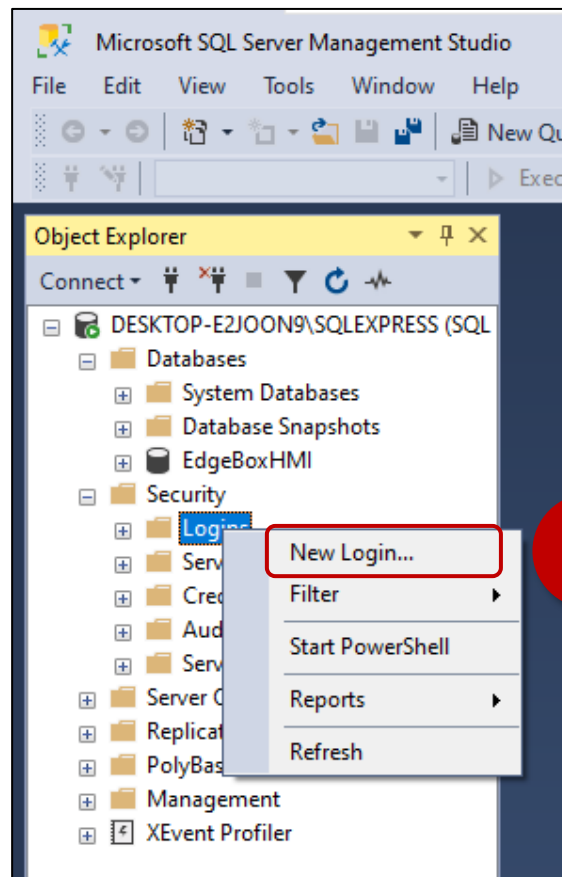


4. Enter the Database name as “EdgeBoxHMI”

5. Click [ OK ]



6. [ Object Explorer ] -> [ Security ] -> [ Logins ] right-click [ Logins ], click [ New Login... ]



7. Enter a Login Name: EdgeBoxHMI
8. Select [ SQL Server Authentication ]
9. Enter a password and confirm the password: !SE1234
10. Uncheck [ Enforce password policy ]
11. Change the [ Default Database ] to [ EdgeBoxHMI ]
12. Select the [ User Mapping ] page.

**Login - New**

**Select a page**

- General
- Server Roles
- User Mapping**
- Securables
- Status

**Connection**

Server: DESKTOP-E2JOON9\SQLEXPRESS

Connection: DESKTOP-E2JOON9\PFX

[View connection properties](#)

**Progress**

Ready

Script ? Help

Login name: EdgeBoxHMI

☐ Windows authentication

☒ **SQL Server authentication**

Password: .....

Confirm password: .....

☐ Specify old password

Old password: .....

☐ **Enforce password policy**

☐ Enforce password expiration

☐ User must change password at next login

☐ Mapped to certificate

☐ Mapped to asymmetric key

☐ Map to Credential

Mapped Credentials

Credential	Provider
------------	----------

Default database: EdgeBoxHMI

Default language: <default>

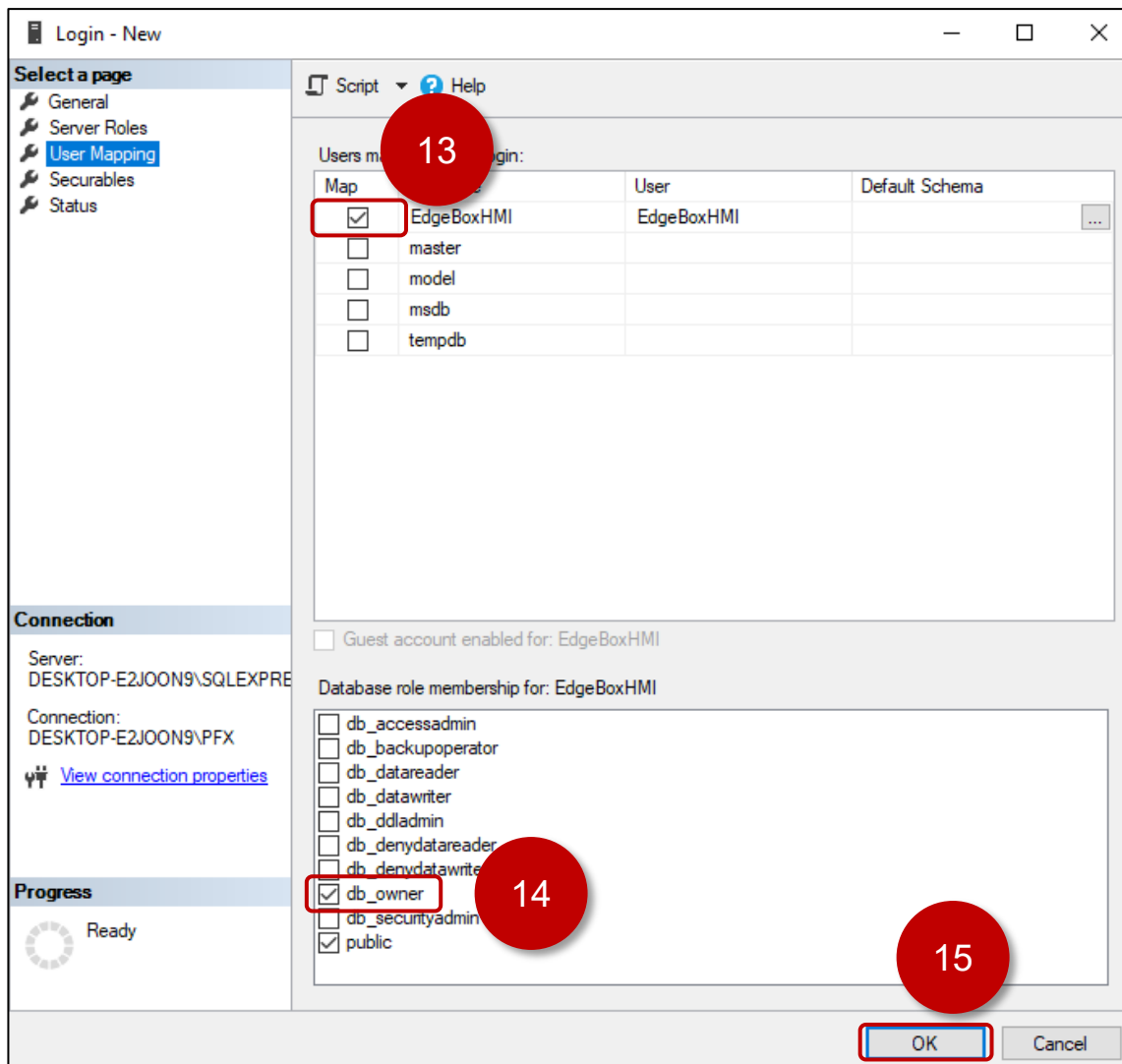
OK Cancel



13. Check [ Map ] for the [ EdgeBoxHMI ] database

14. Check [ db\_owner ]

15. Click [ OK ]



## Studio Database Gateway Installation

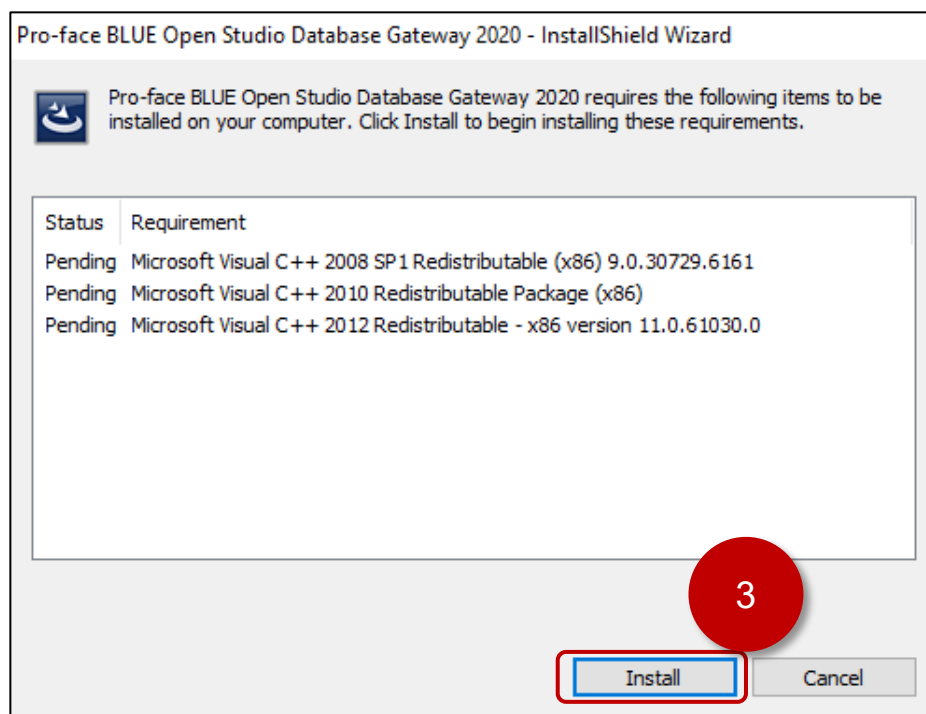
To allow the HMI runtime running on the Edge Box HMI to communicate with SQL Server the Studio Database Gateway needs to be installed on a Windows PC on the same network as the Microsoft SQL Server. For an easy demonstration configuration, install the Studio Database Gateway on the same Windows PC as the Microsoft SQL Server Database.

If BLUE Open Studio is already installed on the Windows PC, the Studio Database Gateway is already installed in the BLUE Open Studio BIN directory. The default path would be:

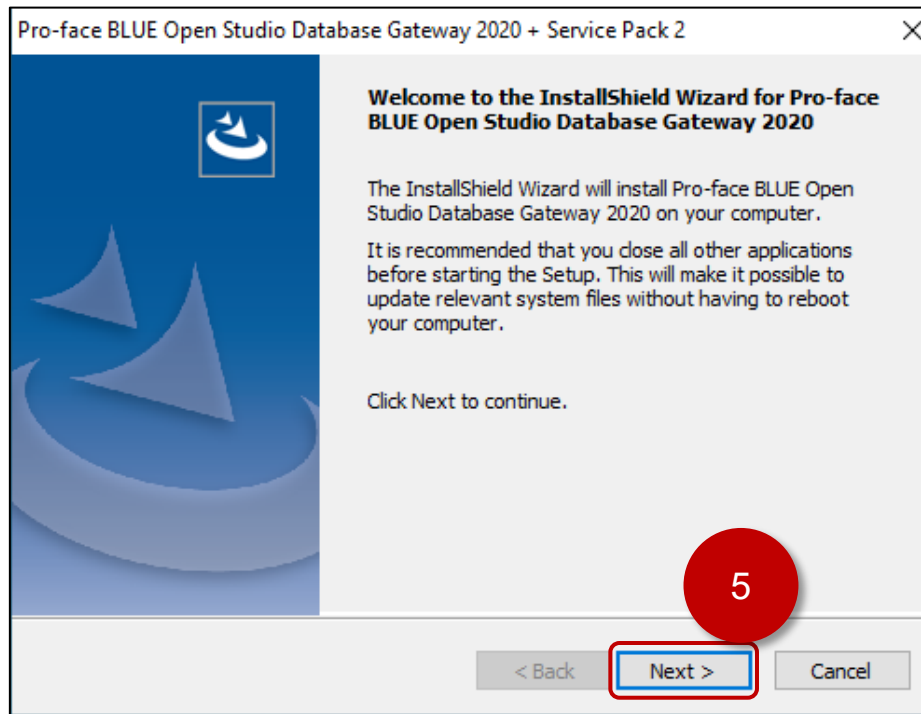
**C:\Program Files (x86)\Pro-face\BLUE Open Studio 2020\Bin\DatabaseGateway\StADOSvr.exe**

Skip to **STEP 11** if BLUE Open Studio is already installed. Otherwise install the Studio Database gateway by starting at **STEP 1**.

1. If not already installed on the Microsoft SQL Server Windows PC, install .NET Framework 3.5 via [Turn Windows features on or off ].
2. On the BLUE Open Studio development PC copy the [ GatewaySetup.exe ] from **C:\Program Files (x86)\Pro-face\BLUE Open Studio 2020\Redist\DatabaseGateway\GatewaySetup.exe** to the Windows PC that has Microsoft SQL Server installed.
3. Run the GatewaySetup.exe
4. If prompted to install redistributables, click [ Install ]

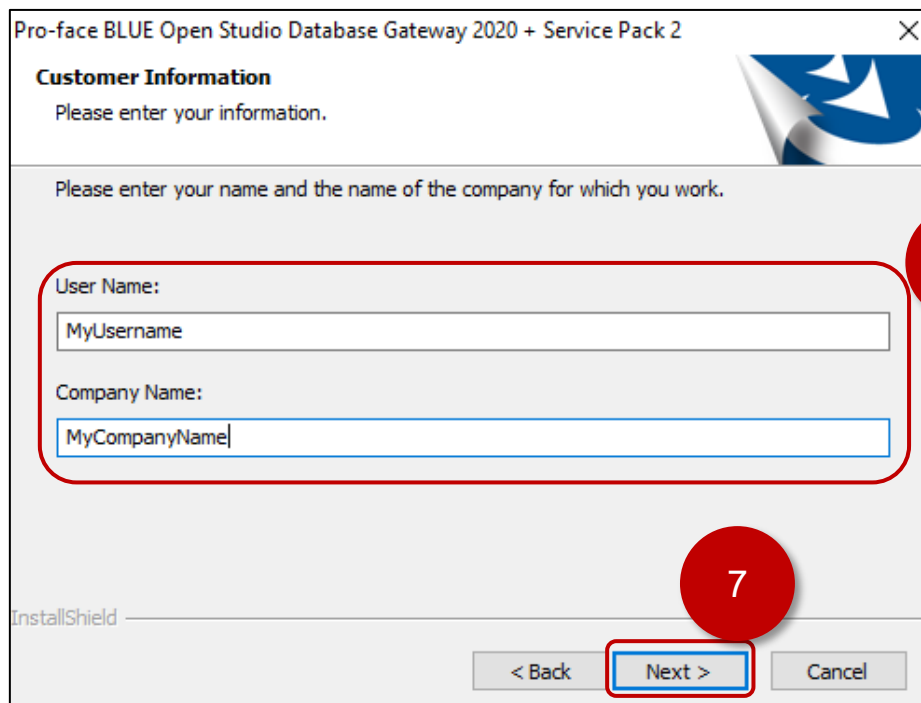


5. Click [ Next ].

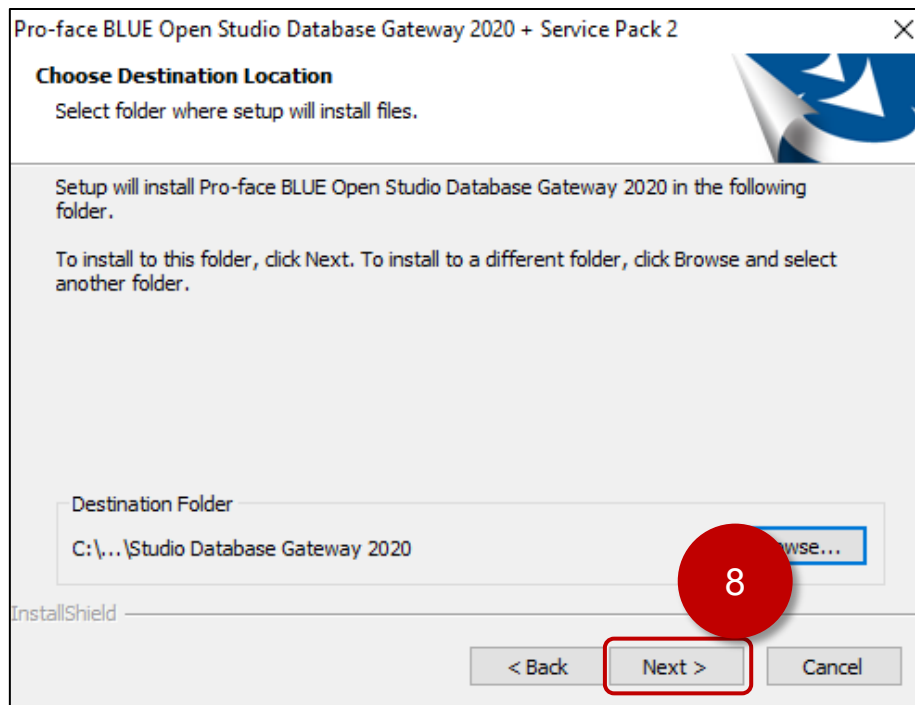


6. Enter a [ User Name ] and [ Company Name ]

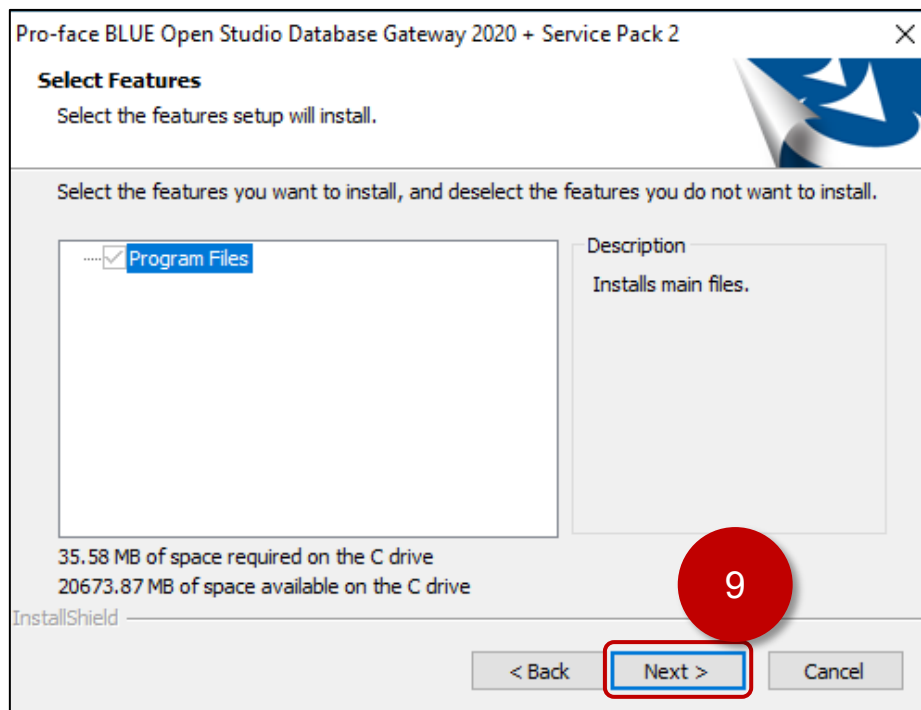
7. Click [ Next ]



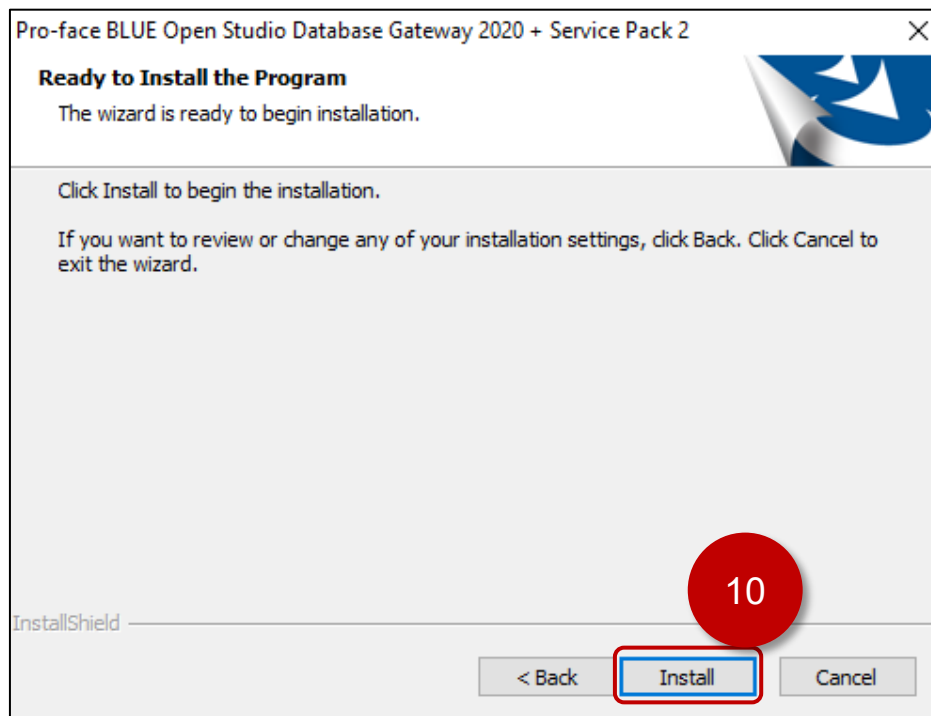
8. Click [ Next ].



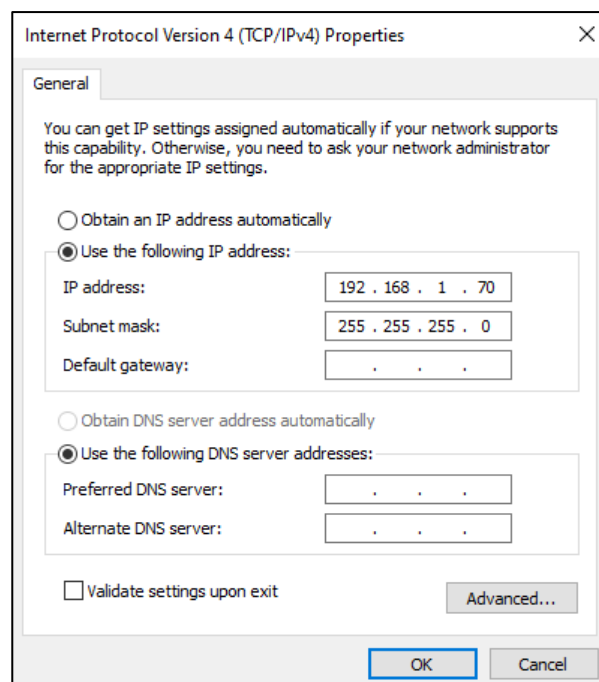
9. Click [ Next ].



10. Click [ Install ].



11. Create a firewall exception for the Studio Database gateway which uses port 3997. For example configure Microsoft Windows Defender Firewall and any other security software that would block communication.
12. Set the IP Address of the Windows PC that is running the Studio Database Gateway to 192.168.1.70

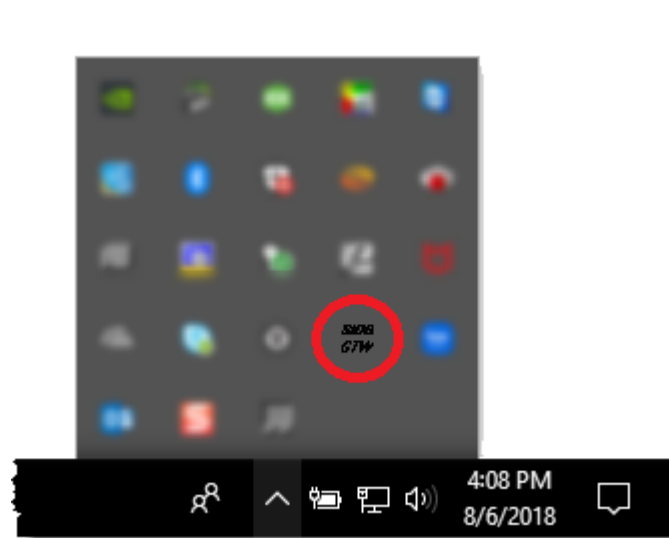


11. Start the Studio Database Gateway Manually or set the program to autostart on Windows log in using a shortcut in the startup folder, task scheduler, registry or other method to auto start a program in Windows.

To manually start the Studio Database Gateway on a Windows PC without BLUE Open Studio installed, execute: **C:\Program Files (x86)\Studio Database Gateway 2020\StADOSvr.exe**

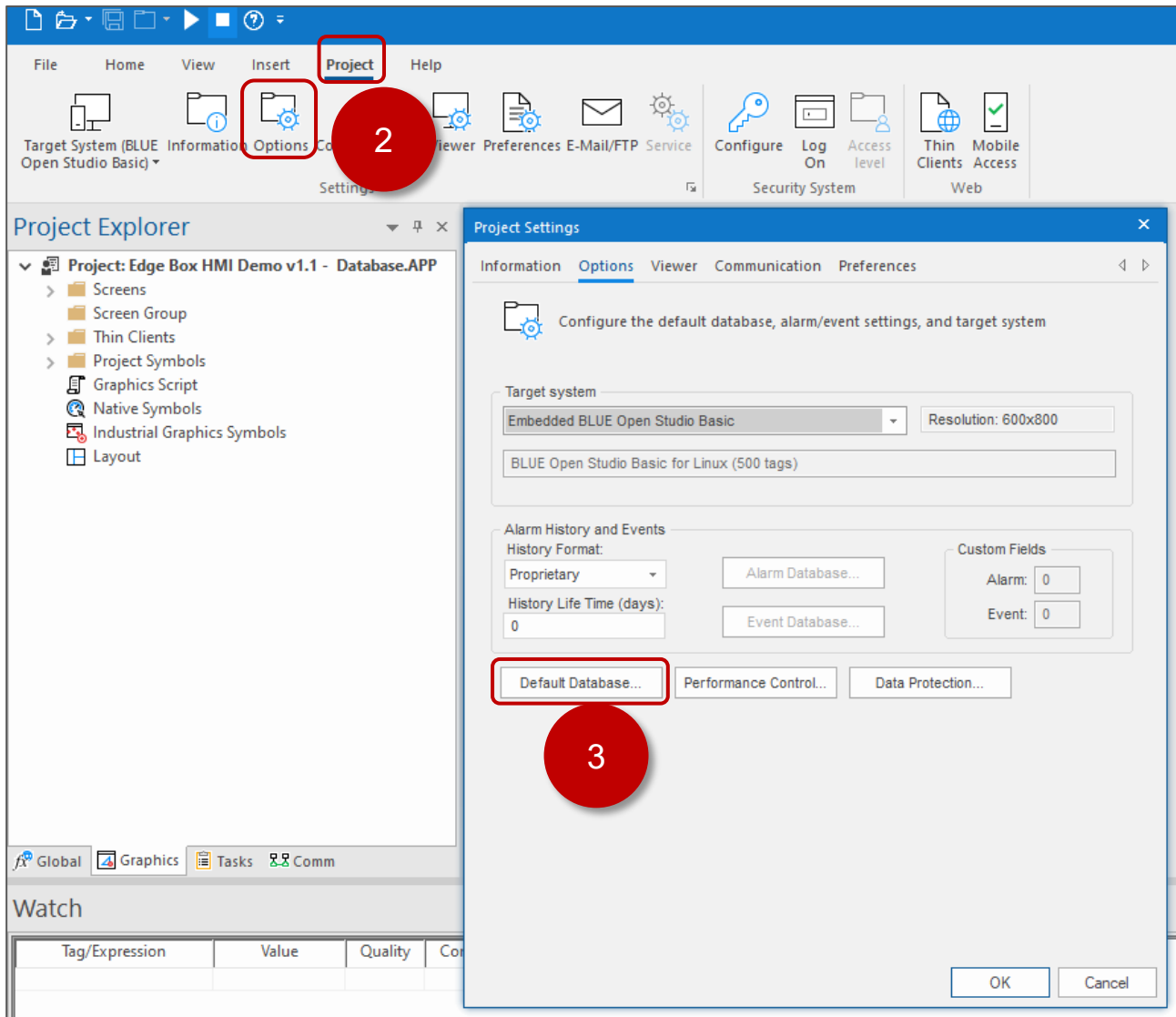
To manually start the Studio Database Gateway on a Windows PC with BLUE Open Studio installed, execute: **C:\Program Files (x86)\Pro-face\BLUE Open Studio 2020\Bin\DatabaseGateway\StADOSvr.exe**

12. Confirm the Studio Database Gateway is running by checking for the Icon in the notification area of the taskbar.

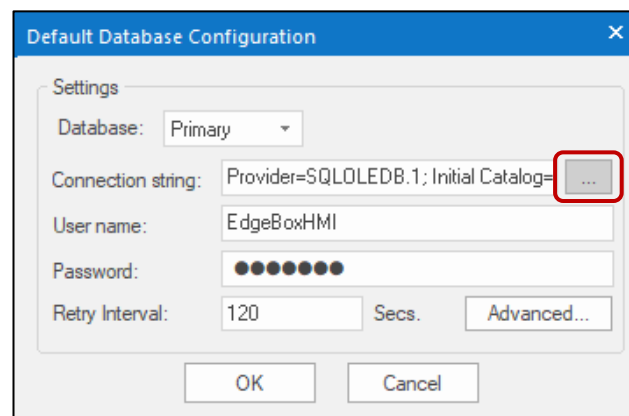


## BLUE Open Studio Project settings

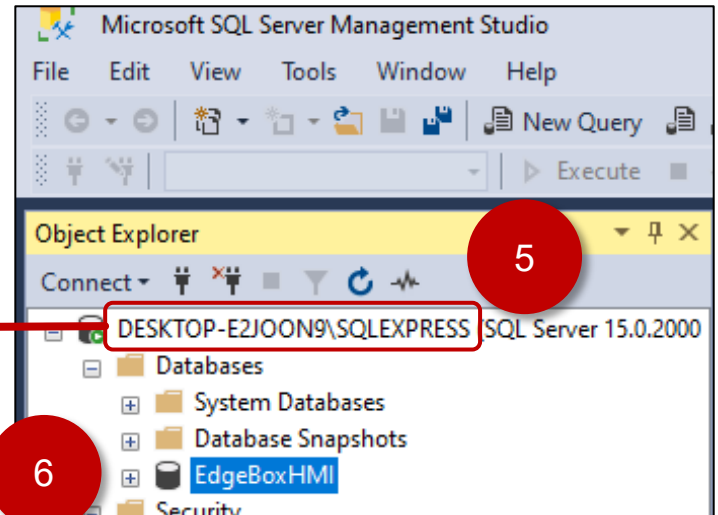
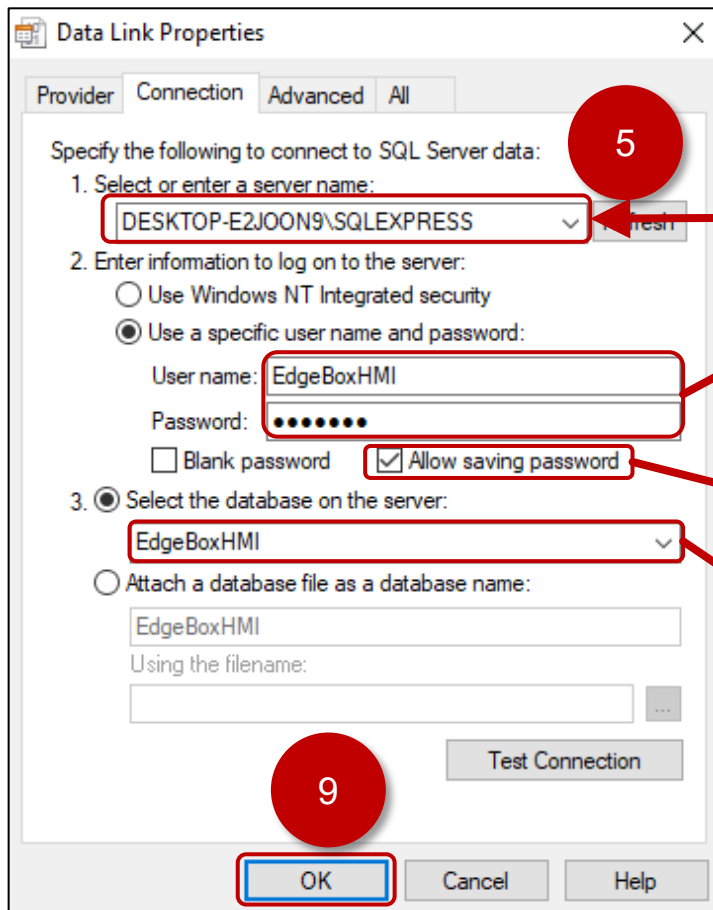
1. Open the Edge Box HMI Demo v1.1 – Database.app project in BLUE Open Studio
2. [ Project ] menu -> [ Options ]
3. Click [ Default Database ]



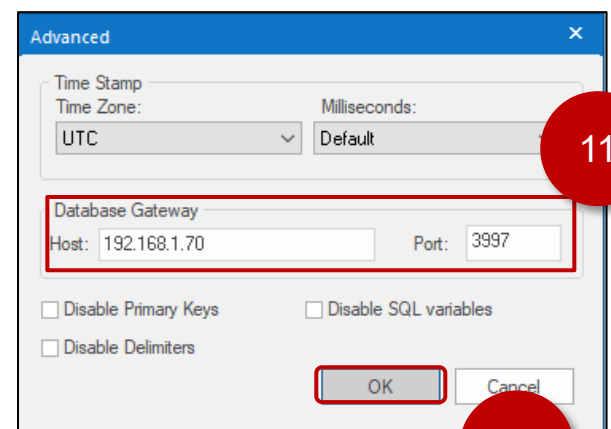
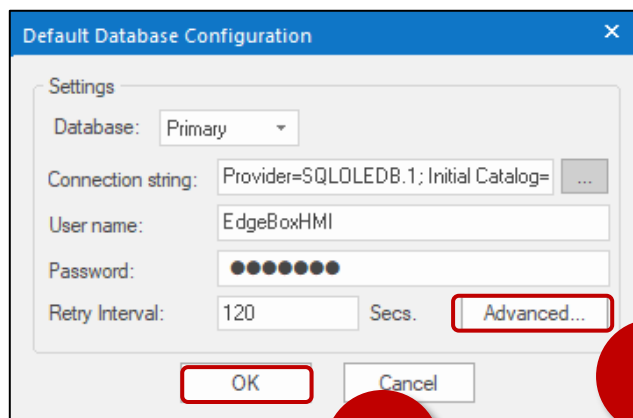
4. Click [ ... ]



5. Enter the server name so that it matches the SQL server instance name.
6. Enter the user name and password if different (user name = EdgeBoxHMI, password = !SE1234)
7. Check [ Allow saving password ]
8. Enter the database if different (EdgeBox HMI)
9. Click [ OK ]

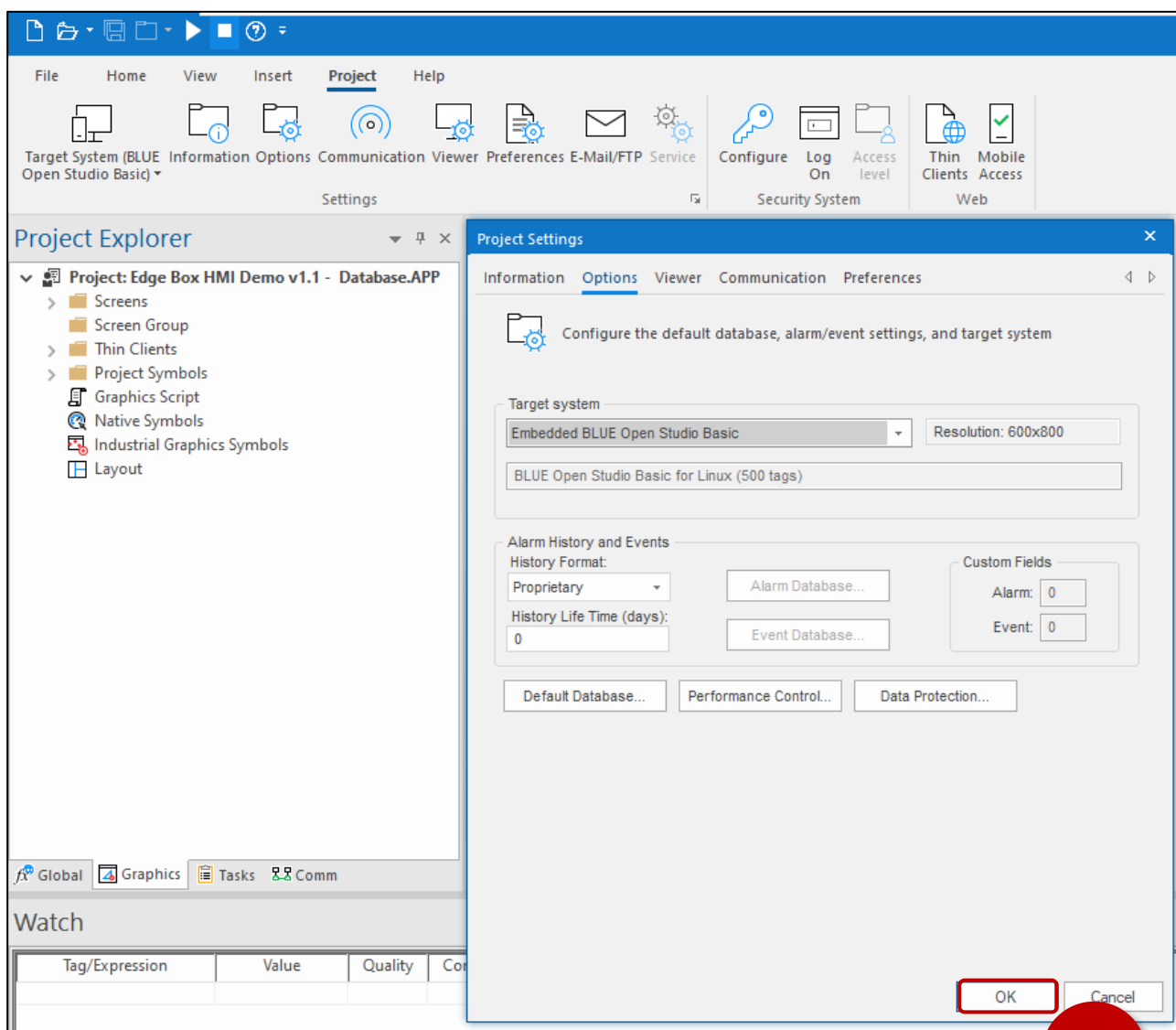


10. Click [ Advanced ]
11. Enter the Database Gateway Host and Port if different (Host = 192.168.1.70, Port = 3997)
12. Click [ OK ]
13. Click [ OK ]





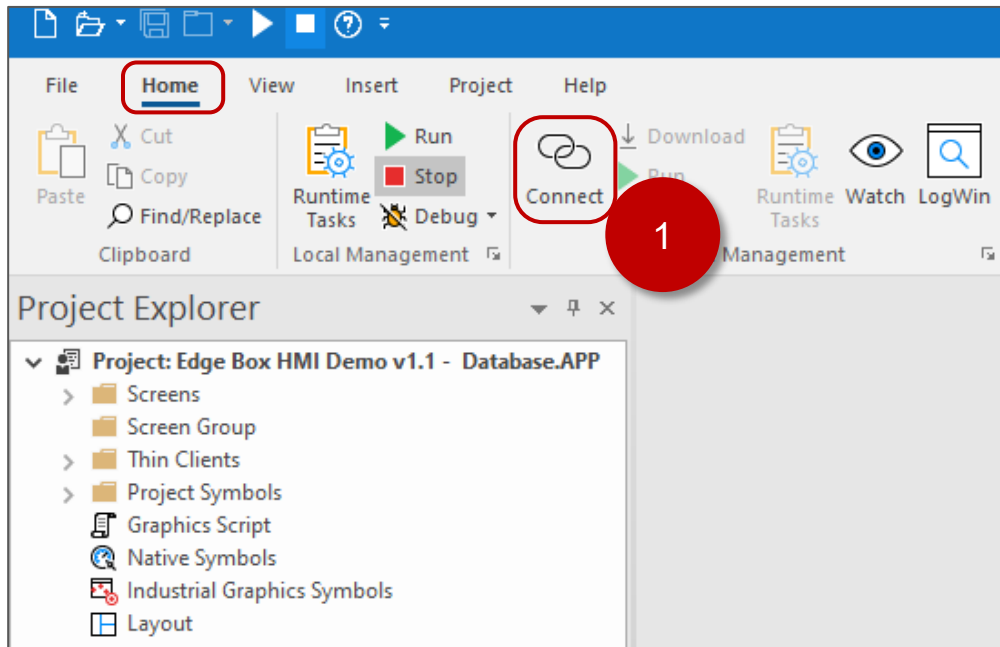
## 14. Click [ OK ]



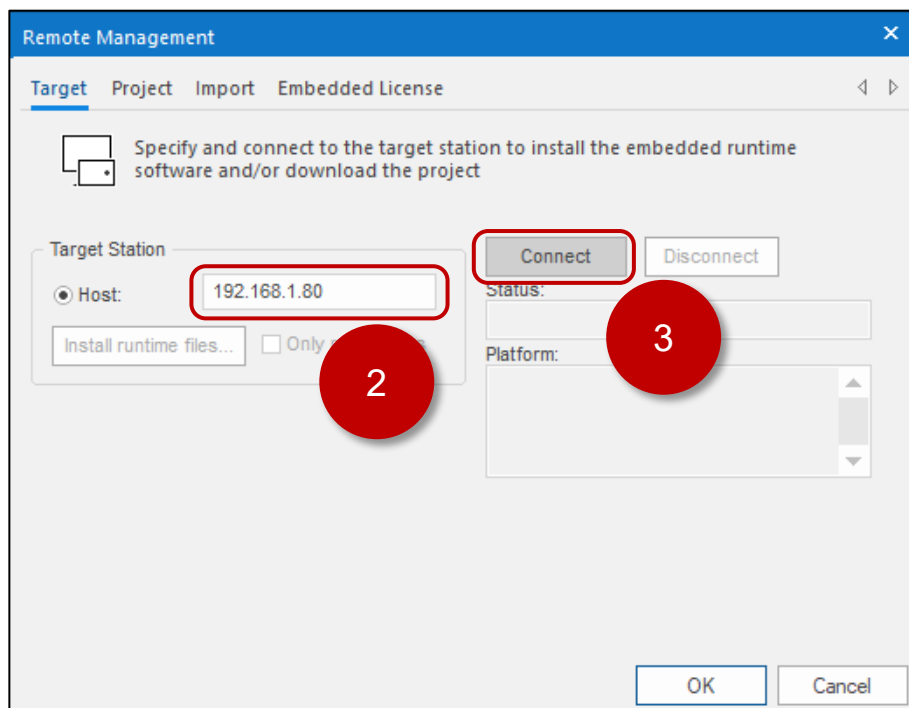
12

## 5. Transfer Runtime and Project Files

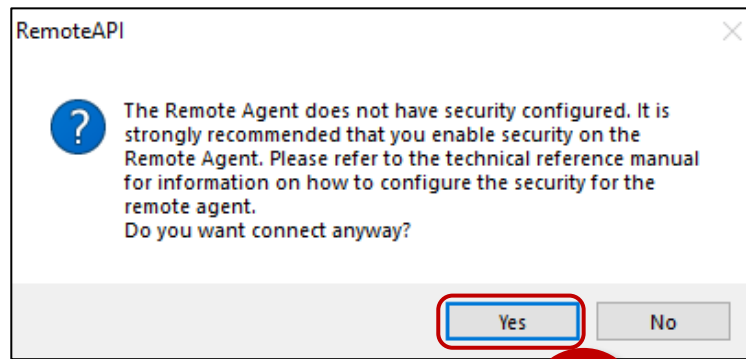
1. [ Home ] tab and Click [Connect] in Remote Management.



2. Set the IP Address of your Edge Box HMI e.g. 192.168.1.80
3. Click [Connect]

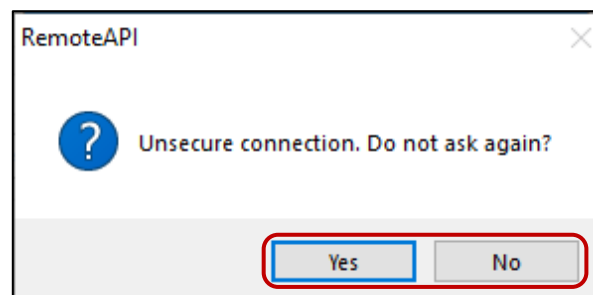


4. If prompted about Remote Agent, click [ Yes ]



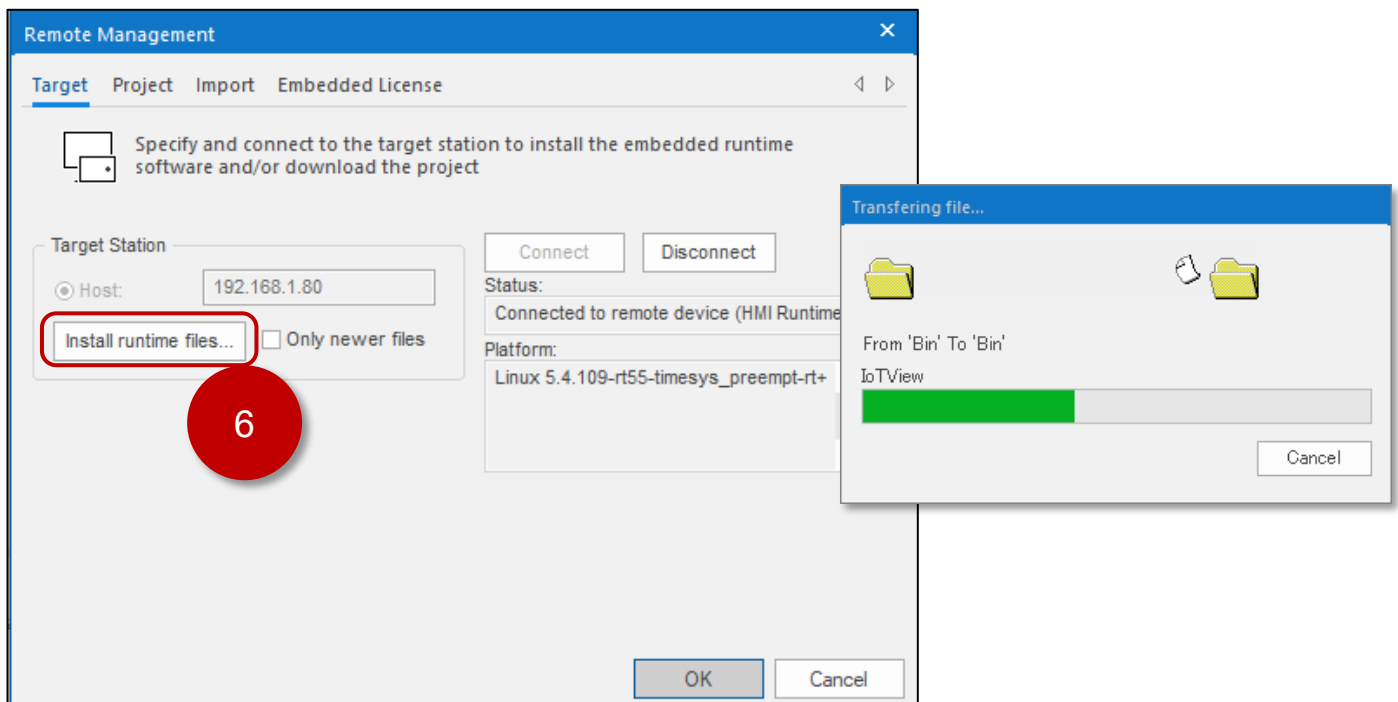
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5. Answer the question by clicking [ Yes ] or [ No ] as appropriate.



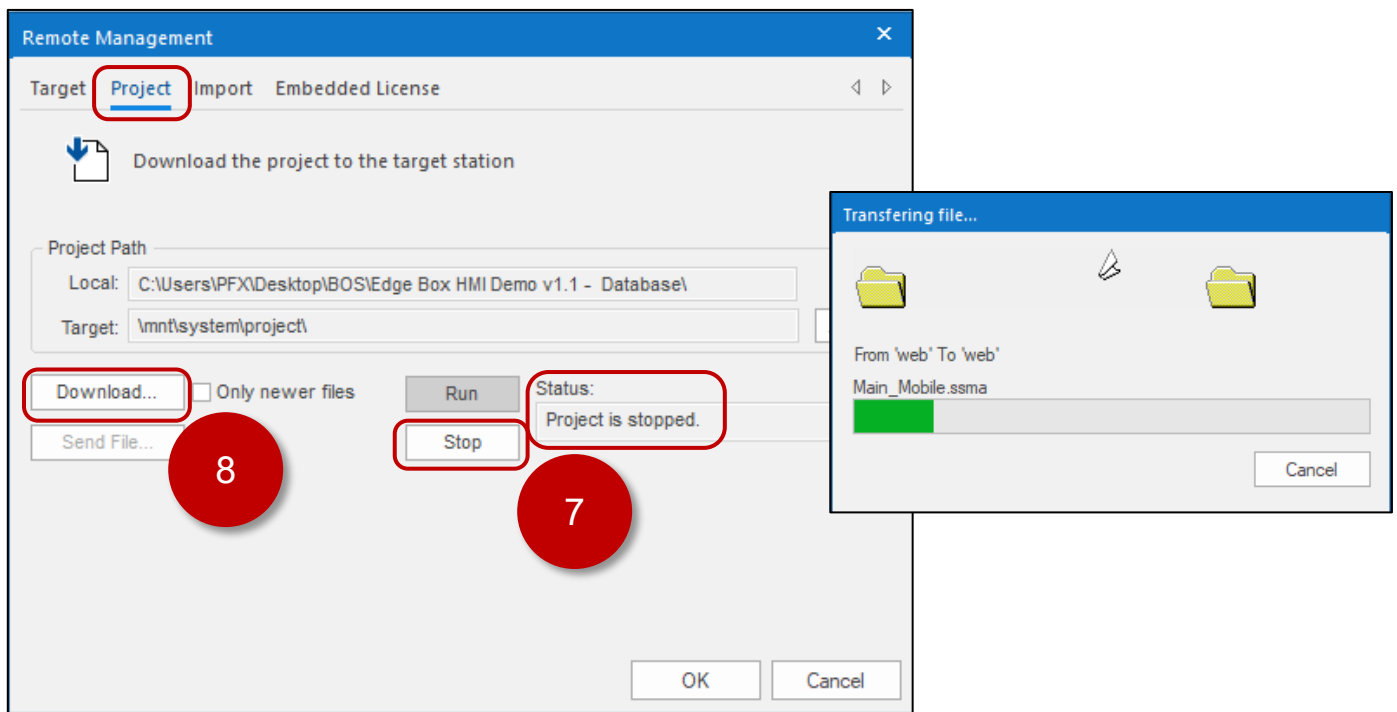
5

6. Click [Install Runtime Files]

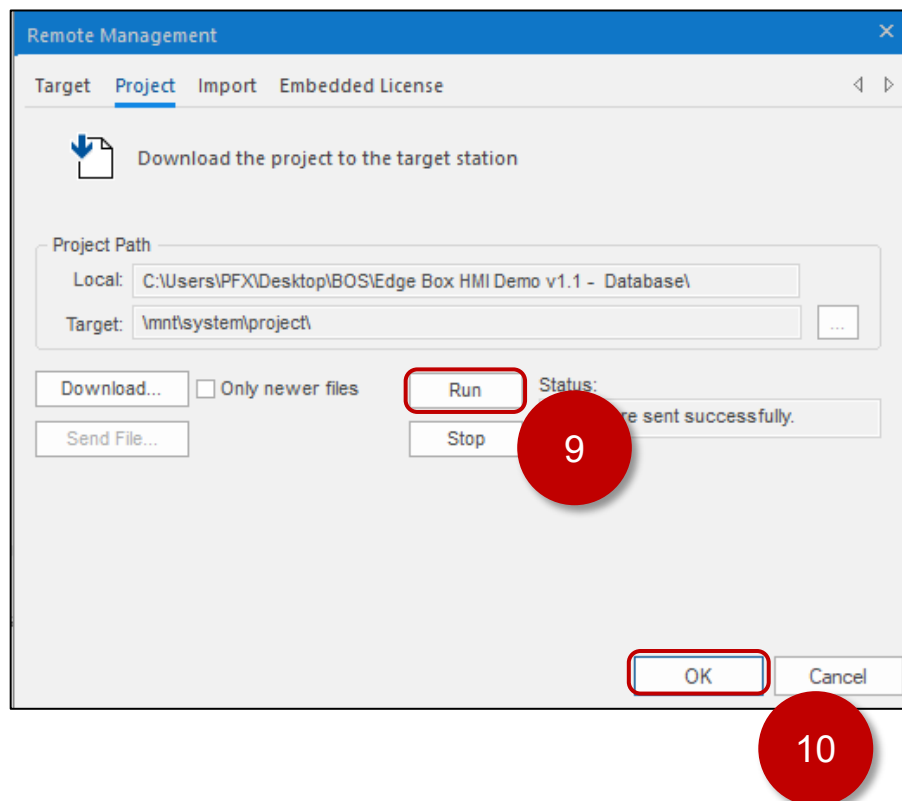


6

7. [ Project ] tab, confirm that the Status is stopped. If running, click [ Stop ]
8. Click [ Download ]



9. Click [ Run ]
10. Click [ OK ]



## 6. Mobile Access

Mobile access is used for both local and remote viewing of Edge Box HMI. You can use either ETHERNET 1 or ETHERNET 2 as the IP address for mobile access.

There are a several mobile access URL options to view the Edge Box HMI.

- Mobile Access Generic Interface
- Mobile Access Direct to screen access
- Mobile Access Watch screen Access

Web Browser URL Examples for the Edge Box HMI Demo:

Link	Description
<a href="https://192.168.1.80/MA">https://192.168.1.80/MA</a>	Generic Interface login prompt
<a href="https://192.168.1.80/MA/#guestuser=1">https://192.168.1.80/MA/#guestuser=1</a>	Generic Interface auto login as Guest
<a href="https://192.168.1.80/MA/#user=Admin&amp;password=Admin">https://192.168.1.80/MA/#user=Admin&amp;password=Admin</a>	Generic Interface auto login as Admin
<a href="https://192.168.1.80/MA/#screen=main_desktop">https://192.168.1.80/MA/#screen=main_desktop</a>	Direct to main_desktop screen login prompt
<a href="https://192.168.1.80/MA/#screen=main_desktop&amp;guestuser=1">https://192.168.1.80/MA/#screen=main_desktop&amp;guestuser=1</a>	Direct to main_desktop screen auto login as Guest
<a href="https://192.168.1.80/MA/#screen=main_desktop&amp;user=Admin&amp;password=Admin">https://192.168.1.80/MA/#screen=main_desktop&amp;user=Admin&amp;password=Admin</a>	Direct to main_desktop screen auto login as Admin
<a href="https://192.168.1.80/MA/#screen=main_mobile">https://192.168.1.80/MA/#screen=main_mobile</a>	Direct to main_mobile screen login prompt
<a href="https://192.168.1.80/MA/#screen=main_mobile&amp;guestuser=1">https://192.168.1.80/MA/#screen=main_mobile&amp;guestuser=1</a>	Direct to main_mobile screen auto login as Guest
<a href="https://192.168.1.80/MA/#screen=main_mobile&amp;user=Admin&amp;password=Admin">https://192.168.1.80/MA/#screen=main_mobile&amp;user=Admin&amp;password=Admin</a>	Direct to main_mobile screen auto login as Admin
<a href="https://192.168.1.80/MA/#watch=1">https://192.168.1.80/MA/#watch=1</a>	Watch screen login prompt Guest access denied
<a href="https://192.168.1.80/MA/#watch=1&amp;guestuser=1">https://192.168.1.80/MA/#watch=1&amp;guestuser=1</a>	Watch screen auto login as Guest Guest access denied
<a href="https://192.168.1.80/MA/#watch=1&amp;user=Admin&amp;password=Admin">https://192.168.1.80/MA/#watch=1&amp;user=Admin&amp;password=Admin</a>	Watch screen auto login as Admin