Precise framework installation

Before installing the Precise framework, see Precise requirements for installation.

To install the Precise framework

- 1. Download the following zip file for the appropriate Precise version:
- Precise x.x.x from https://downloadfiles.idera.com/products/Precise.zip/
- 2. Unzip the downloaded files for Precise x.x.x into an empty folder. We recommend that you keep the Precise x.x.x download available for use after finishing the Precise installation.
- 3. On a Windows server, open the folder containing the unzipped Precise x.x.x files.
- 4. Open the Precise x.x.x folder, and then double-click setup.exe. The Precise Framework installer appears to guide you through the Precise Framework installation.

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Name *	Date modified	Туре	Size			
🏨 cu	9/10/2021 12:48 PM	File folder				
JB 13	9/10/2021 12:52 PM	File folder				
퉬 Upgrade to v10.3.1	9/10/2021 12:52 PM	File folder				
🎳 Utilities	9/10/2021 12:52 PM	File folder				
Setup.exe	6/14/2021 7:31 PM	Application	20,788 KB			

The Precise framework installer displays a series of screens, most of which require you to input details regarding your information systems. Below is the Framework installation procedure and a brief explanation of the requested input on each screen. It is recommended to compile a list of all required user inputs based on this section before continuing.

- Welcome
- Framework Server
- Server Properties
- Database Type
- Preview
- License
- Finished
- Launching the Precise framework URL

Welcome

The Welcome tab is the first to appear in the installation process and provides the End User License Agreement for you to review and accept.

P	Precise Framework Installer
Precise Framework Instal	ller
Welcome Framework Server Server Properties Database Type Database Properties Preview Listener Installation Focal Installation	 Welcome to the Precise Framework Installer version 10.3. Precise is a comprehensive Transaction Performance Management suite that uses granular performance information collected by a set of agents. These agents run 24/7 on your servers. Using this installer, you can install a new Precise Framework. Before continuing, read the following documentation for information regarding the minimum requirements and prerequisites: Precise Minimum Requirements for Installation Precise Installation Guide If you are upgrading from an earlier version, click Cancel, and go to Precise AdminPoint > Management > Updates > Apply Updates. For more information, refer to the Precise Upgrade Guide.
 Action Items License Finish 	PRECISE SOFTWARE SOLUTIONS, INC. END USER LICENSE AGREEMENT Effective as of March 2014 PRECISE SOFTWARE SOLUTIONS, INC. AND/OR ITS AFFILIATES ("PRECISE") IS WILLING TO LICENSE THE LICENSED SOFTWARE TO YOU AS THE INDIVIDUAL, THE COMPANY, OR THE LIGENSE THE LICENSED SOFTWARE TO YOU AS THE INDIVIDUAL, THE COMPANY, OR THE LICENSE THE LICENSED SOFTWARE TO YOU AS THE INDIVIDUAL, THE COMPANY, OR THE LICENSE AGREEMENT ('LICENSED SOFTWARE (REFERENCED BELOW AS 'YOU' OR 'YOUR') ONLY ON THE CONDITION THAT YOU ACCEPT ALL OF THE TERMS OF THIS END USER LICENSE AGREEMENT ('LICENSE AGREEMENT'). READ THE TERMS AND CONDITIONS OF THIS LICENSE AGREEMENT CAREFULLY BEFORE USING THE LICENSED SOFTWARE. THIS IS A LEGAL AND ENFORCEABLE CONTRACT BETWEEN YOU AND PRECISE. BY OPENING THE LICENSED SOFTWARE PACKAGE, BREAXING THE LICENSED SOFTWARE SEAL, CLICKING THE 'I AGREE' OR 'YES'' BUTTON, OR OTHERWISE IDICATING ASSENT ELECTRONICALLY, OR BY INSTALLING THE LICENSED SOFTWARE OR OTHERWISE USING THE LICENSED SOFTWARE, YOU AGREE TO THE TERMS AND CONDITIONS OF THIS LICENSE AGREEMENT, LICENSE AGREEMENT, IDICATING AGREE TO THE TERMS AND CONDITIONS OF THIS LICENSE AGREEMENT, CLICK THE 'I DO NOT AGREE' OR 'NO' BUTTON OR DO NOT CONTINUE TO INSTALL THE SOFTWARE OR OTHERWISE INDICATE YOUR REFUSAL AND MAKE NO FURTHER USE OF THE I accept the terms of the lic
precise.	Help Cancel

To complete the Welcome screen

- Click I accept the terms of the license agreement.
 Click Next. The Framework Server screen appears.

Framework Server

The Framework Server tab allows you to select details about the server on which you want to install the Precise framework.

P	Precise Framewo	ork Installer	_ 🗆 🗙
Precise Framework Install	er		
 Welcome Framework Server Server Properties Database Type Database Properties Preview Listener Installation Focal Installation Action Items License Finish 	Specify the server you want to install the Precis Server Name or IP Address: Server Type:	e Framework on. win12-sql Windows UNIX	
precise [.]	Help	< Back Next >	Cancel

To complete the Framework Server screen

- 1. In Server Name or IP Address, type the name or IP address of the server on which you want to install the Precise framework.
- In Server Type, use the drop-down list to select the operating system type for the server, whether Windows or UNIX.
 Click Next.

Server Properties

The content of the Server Properties tab varies based on the server type selected in the previous screen. This example uses a Microsoft Windows server installation.

Framework installation on a Windows Server

The Precise framework is created for an automatic or manual installation.

P	Precise Framework Installer
Precise Framework Install Framework Installation (Wind	ler Iows Server)
 Welcome Framework Server Server Properties Database Type Database Properties Preview Listener Installation Focal Installation Action Items License Finish 	Users with administrator permissions can automatically install a Precise Framework on this server. Specify the installation and follow the instructions on the screens that will appear. • Automatic Installation • Use Current Credentials (WIN12-SQLVAdministrator) • Change Credentials User Name: Password: Domain Specify the location on the server where you want to install the Precise framework and any future installation Installation Directory: c:UPrecise manual Installation Advanced Advanced Automatic Installation
precise.	Help Cancel

Select Manual Installation only in the event that you have a Windows server that does not allow remote installation or if you encounter issues during the automatic Windows server installation. For more information, see the next set of installation steps.

To install the Precise framework on a Windows server using automatic installation

1. Select Automatic Installation.

(i)

a. If you want to use the credentials of the user account currently accessing the server:

i. Select Use Current Credentials.

(1)

ii. Select an installation folder by clicking the browse button (...), and then searching for the appropriate destination.

If you need to change Precise listener or GUI port numbers, click **Advanced**, and then complete the appropriate fields in the Advanced window. For more information about this window, see About the Advanced window.

b. If you want to use a different user account with administrator permissions:

- i. Select Change Credentials.
 - ii. Complete the following fields:
 - 1. User Name
 - 2. Password
 - 3. Domain
- iii. Select an installation folder by clicking the browse button (...), and then searching for the appropriate destination.

If you need to change Precise listener or GUI port numbers, click **Advanced**, and then complete the appropriate fields in the Advanced window. For more information about this window, see About the Advanced window.

To install the Precise framework on a Windows server using manual installation

1. Select Manual Installation.

0

2. Click Next.

For more information about manually installing the Precise framework on your server, see Adding a Windows server using manual mode.

About the Advanced window

The Advanced window shows you which ports Precise uses. These ports are bi-directional.

P	Advanced			
Advanced				
You may configure the Precise Li:	stener to listen to a different port than the default.			
Precise Listener Port	20702			
You may configure the Precise Gl	JI Webserver to listen to different ports than the defa			
GUI Port Number:	20790			
GUI Control Port:	20798			
By default, the Precise agents use However, you can configure then	e the local system account for authentication. n to use a different user.			
 Use different Windows Serv account. 	rice credentials than the default LocalSystem			
User Name:				
Password:				
Domain or Server Name:				
You may associate your server installation with a unique ID, so that multiple Precise server installations can run on the same server with no naming conflicts. If you choose this option, you must also ensure that each server's Listener uses a unique port number.				
Multiple Listeners				
Unique ID:				
Bind the Precise Listener to the specified server address.				
Help	OK Cancel			

Framework installation on a UNIX Server

Select UNIX manual installation mode only in the event that you have a UNIX server without Telnet/SSH/SCP connection or if you encountered issues during the UNIX server installation using automatic mode.

To install the Precise framework on a UNIX server (common server) with Telnet/SSH/SCP connection from the client PC to the Precise FocalPoint

- 1. Select Automatic Installation.
- 2. Complete the following fields:
 - a. User name
 - b. Password
- 3. Select an installation folder by clicking the browse (...) button, and then searching for the appropriate destination.
- 4. Click Next.

(i)

To install the Precise Framework on a UNIX server using manual installation

- 1. Select Manual Installation.
- 2. Click Next.

For more information about manually installing the Precise framework on your server, see Adding a Windows server using manual mode.

Database Type

The Database Type tab allows you to select the PMDB for the Precise framework.

F	2	Precise Framework Installer
	Precise Framework Installe PMDB Instance Selection	er
	 Welcome Framework Server Server Properties Database Type Database Properties Preview Listener Installation Focal Installation Action Items License Finish 	 The PMDB is the part of the Precise Framework which stores performance information. If you want to monitor an Oracle or DB2 instance, the PMDB must be on a Microsoft SQL Server database. Select the database in which you wish to store the PMDB. Oracle Microsoft SQL Server (Using OS authentication) Microsoft SQL Server (Using OS authentication) Note: The "Microsoft SQL Server (Using OS authentication)" option is only enabled when all the Framework servers are Windows servers and the servers' service authentication is the user provided in the next step.
	precise.	Help <a>Rex Cancel

To select a PMDB instance

1. If you want to monitor an Oracle or Db2 instance, you must select Oracle. If you want to monitor a SQL Server and/or a Sybase instance, select one of the Microsoft SQL Server options.

The Microsoft SQL Server (Using OS authentication) option is enabled only when all the Framework servers are Windows servers, and the service authentications are either all configured to run with a user or are all set to the local system. If they are set to the local system, the service authentication is the user provided in the next step.

2. Click Next.

For more information about the PMDB instances, see:

- Using an Oracle PMDB
- Using a Microsoft SQL Server PMDB.

Using an Oracle PMDB

To enter Oracle server PMDB login information

- 1. In the **Oracle Database Server** field, click the drop-down menu, and then select the Oracle server from the list, or type in a different server. The selected Oracle server is used as the PMDB.
- 2. In the Oracle SID field, click the drop-down menu, and then select the Oracle SID or manually type it in the field.

- 3. Type the Oracle Listener Port Number.
- 4. If you want to use RAC, check Use Oracle RAC Service Name.
- 5. If you want to install the PMDB in an Oracle Container database, then the PMDB must be installed in one of the PDBs and not the main Controller. Check Use Oracle RAC Service Name. By default, the PMDB schema is automatically installed. To install the schema manually, see Manually installing the Oracle PMDB schema.
- 6. Type the name of the Oracle DBA user. This name is used only during the Precise framework installation.
- 7. Type the **Password** for the Oracle DBA user account.
- 8. Click Next.

To enter Oracle server PMDB schema storage parameters

- 1. Complete the following fields:
 - a. Datafiles storage folder location. The Datafiles storage folder location is where all datafiles are created (storage parameters). The folder must exist in the file system.
 - b. Update the tablespaces definitions (optional). See Updating the tablespaces definitions.

To enter Oracle server PMDB schema information

- In the User Name field, type a new Precise user name, or click the drop-down menu to select an existing Oracle schema user name. When using a Oracle containerized database as the PMDB, *it is recommended that the PMDB is set up on a PDB and not on the root container*. This can be done by using the Service Name checkbox in the database details screen of the framework installer. This is the name of the Precise user created in the Oracle instance to hold the PMDB schema. You can create a new Precise user, or select an existing user from the list.
- 2. Type a new **Password** for the new user, or an existing password if you have chosen an existing user.
- 3. Confirm the password.
- Next to the Store datafiles in this location field, click the browse button (...), and then select the folder for storing datafiles. For Oracle ASM, specify the ASM disk group. (For example: +DISKGRP1/ora11asm/).
- 5. Click Next.

Using a Microsoft SQL Server PMDB

To enter Microsoft SQL Server PMDB login information (using OS authentication)

- 1. In the **SQL Server** instance field, click the drop-down menu, and then select the SQL Server instance from the list, or type in a different instance. The selected Microsoft SQL Server instance is used as the PMDB.
- Type the User Name. The user name is used both for the PMDB installation, as well as for connecting to the SQL server when using the PMDB.
 Type the Password for the user name specified.
- 4. Type the Domain or Server Name.
- 5. Type the name of the database you want the PMDB to use. If a database with that name already exists, it is used. If not, a new database is created. For a new database, complete the **data path** and **log path** fields.
- By default, the PMDB schema is automatically installed. To install the schema manually, see Manually installing the SQL Server PMDB schema.
 Click Next.

To enter Microsoft SQL Server PMDB login information (using SQL authentication)

- 1. In the **SQL Server** instance field, click the drop-down menu, and then select the SQL Server instance from the list, or type in a different instance. The selected Microsoft SQL Server instance is used as the PMDB.
- 2. Type the Login Name. The login name is used both for the PMDB installation, as well as for connecting to the SQL server when using the PMDB.
- 3. Type the **Password** for the login name specified.
- 4. Type the name of the database you want the PMDB to use. If a database with that name already exists, it is used. If not, a new database is created. For a new database, complete the **data path** and **log path** fields.
- 5. By default, the PMDB schema is automatically installed. To install the schema manually, see Manually installing the SQL Server PMDB schema.
- 6. Click Next.

Completing the new database properties

The New Database Properties tab of the Advanced window allows you to enter properties for the new database.

P			Advanced
Advanced			
Schema	File Group	New D	Database Properties
Enter the p	properties of t	he new dat	tabase
Collation:			SQL_Latin1_General_CP1_CS_AS
Datafile Ir	nitial Size (M	B):	1024
Datafile A	utogrowth (N	MB):	512
Log File Ir	nitial Size (M	B):	512
Log File A	Autogrowth (F	Percent):	10
Help			OK Cancel

To change the new database properties

- In the PMDB Instance Parameters screen, click Advanced.
 In the New Database Properties tab, complete the following fields:

 a. Collation
- a. Collation
 b. Datafile Initial Size (MB)
 c. Datafile Autogrowth (MB)
 d. Log File Initial Size (MB)
 e. Log File Autogrowth (Percent)
 3. Click OK.

Preview

The Preview tab signifies that the Precise framework installer contains enough information to begin the installation phase.

P	Precise Framework Installer
Precise Framework Instal	ler
Welcome	The Precise Installer has gathered enough information to begin the installation phase.
Server Properties	Server Name or IP Address: win12-sql
Database Type	Server Type: Windows
Database Properties	Installation Directory: c/Precise
Preview	Precise Listener Port: 20702
O Listener Installation	Precise GUI Port: 20790
O Focal Installation	GUI Control Port: 20798
O Action Items	SQL Server Instance: WIN12-SQL
O License	SQL Server Login: OS Authentication
O Finish	SQL Server Database: Precise_PMDB
	Collation: SQL_Latin1_General_CP1_CS_AS
	Datafile Path: C:\Program Files\Microsoft SQL Server\MSSQL13.MSSQLSERVER\MSSQL\DATA
	Datafile Initial Size (MB): 1024
	Datafile Autogrowth (MB): 512
	Log File Path: C:\Program Files\Microsoft SQL Server\MSSQL13.MSSQLSERVER\MSSQL\Log
	Log File Initial Size (MB): 512
precise.	Help < Back Install > Cancel

The Preview tab displays a number of details about the installation. Note that you still may change any of the displayed settings.

- To change any of the displayed settings, click **Back**. Make the necessary changes, and then continue.
- To continue with the installation, click **Install**. Installation may take several minutes to complete. A progress bar appears to let you know how installation is progressing through the Listener Installation and Focal Installation tabs.

Make sure to note the location of the installation folder selected during this stage. This folder is known as the <precise_root>, and is referred to during the next steps.

Framework installation progress screen

The framework installation progress bar appears when the Precise Framework Installer is actually performing installation. Installation may take several minutes. The progress screen visually displays the progress of actual installation.

P	Precise Framework Installer	- • ×
Precise Framework Install Progress	er	
 Welcome Framework Server Server Properties Database Type Database Properties Preview Listener Installation Focal Installation Action Items License Finish 	Processing: Installing the Precise FocalPoint	
precise.	Help < Back Next >	Cancel

License

The License tab allows the user to apply a Precise license, which you received at purchase. Search for, and then select the license file.



Finished

The Precise installer finished screen appears when the Framework Installer is complete. If you selected the manual schema option, you now must run the schema creation script and the required action item to finish the installation.

P	Precise Framework Installer	x
Precise Framework Instal Finished	ler	
 Welcome Framework Server Server Properties Database Type Database Properties Preview Listener Installation Focal Installation Action Items License Finish 	Successfully Finished Click Finish to close this window.	
precise.	Help Sack Finish	

Launching the Precise framework URL

The Precise URL launches in your default Web browser. The default Username and Password are admin/admin.

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