

Installing a Precise application

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What is the Application Installer wizard?

After the Precise Framework is installed, you need to install a Precise application. A Precise application is a group of Precise agents installed according to the technologies you wish to monitor. In a Precise application, each technology is represented as a separate tier, and each Tier monitors the instances and clusters (as applicable) installed on it. In previous Precise versions, the applications (known as “environments”), were configured via the Display Instances and Clusters screen in AdminPoint, where agents were installed and configured separately for each technology, without an overview of the application to which they belonged.

Precise v9.6 introduces the Application Installer wizard. This wizard presents the different application options, and overviews of both the necessary technologies needed for each application option and the instances already installed for each technology. Using the Application Installer wizard, you maintain this overview of the application while launching technology-specific instance (or cluster) installer wizards, to ensure that all necessary Tiers are installed.

In addition, based on previously installed instances, the Application Installer wizard provides you with recommendations regarding the instances to install to optimize monitoring. The Application Installer also saves entered information and automatically fills out fields, ensuring a faster installation process.

Understanding the Application Installer wizard interface

The Application Installer wizard interface has two main components - the left menu and the main area. The left menu lists the steps that must be performed to successfully install an application. The main area displays (and asks for) the specific information needed to complete the step (or substep) selected in the left menu. Throughout the wizard, icons are used to direct the user between steps (and substeps) and draw attention to incomplete steps.

The following table describes the steps (and substeps) in the Application Installer wizard’s left menu, and the corresponding information displayed (and asked for) in the main area:





Table 4-1 Left menu options

Menu Option	Main Area
Define Application > Choose Application	Displays fields that define the application name, type, and database vendor.
Define Application > Add Tiers	Displays the current application structure. For more information, see Configuring application types on page 41.
Install Tiers > <Tier Name> (According to the application type, the included Tier technologies appear as sub-options)	Displays the information necessary to install instances or clusters on the selected Tier, as well as information regarding previously installed instances and, when relevant, recommended instances.
Install Infrastructure > <Tier Name>	Displays the information necessary to install instances or clusters on the selected Tier, as well as information regarding previously installed instances and, when relevant, recommended instances.
Execute Action Items > Action Items	Displays all pending action items for the instances and clusters installed in the application.
Customize Application > SLA (According to the application type, the settings that can be defined per instance in the application appear as sub-options)	Displays the instances that the SLA setting can be defined and modified for.
Customize Application > Locations	Displays the instances that the Locations setting can be defined and modified for.

The following table describes the icons used in the Precise Application Installer wizard.


Table 4-2 Icons used in the Precise Application Installer wizard

Icon	Description
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	Installed
	No instances installed
	Installation recommendation for this tier
	Pending Action Item

Working with the Application Installer wizard

The Application Installer wizard contains the various steps included in the application setup process. Navigate through the wizard using the **Back** and **Next** buttons in the main area, or select the desired step or substep in the left menu. It is recommended to follow the steps as they are presented, using the **Back** and **Next** buttons.

 Some steps or substeps are only enabled once previous steps have been completed.

Launching the Application Installer wizard

To launch the Application Installer wizard

1. Log in to Precise.


 To install or edit an application, you must have ADMINISTRATION.INSTALL permission on this application.

2. Go to AdminPoint>Setup>Applications.
3. Click **Add**. The Application Installer wizard launches.


Defining a new application

The Applications Installer wizard opens on the Applications Selection screen. On this screen you define the application name, type and database. To define a new Precise application

1. In the Application Name field, enter the name of the new application.
2. From the Application Type drop-down menu, select the desired application type. The application map appears on the screen.

 Tiers can be added to the application types included in this menu. To add Tiers, mark the "Add Tiers to this application" check box. For more information, see Configuring application types on page 41.

3. From the Database Vendor drop-down menu, select the desired database for the application. The Database Tier in the application map changes to reflect your selection.
4. Click **Next**. The Install Tier Instances screen appears.


 If the "Add Tiers to this application" check box is marked, the Add Tiers screen appears. For more information, see Configuring application types on page 41.

Installing instances and clusters on the application's Tiers

After defining the application type, instances and clusters must be installed on the Tiers. The Application Installer wizard automatically asks to define instances or clusters for the Tiers in the order that they appear in the left menu bar.

To install instances or clusters for a specific Tier

1. Select the Tier from the left menu bar.
2. Select the desired option. The relevant instance installer appears:
 - **Add a new instance.** If the instance you want to install has not yet been installed in the Precise Framework, click **Add** to launch the technology-specific Add New Instance dialog box.

 Some technologies ask if you want to install an instance or a cluster. For more information on these terms, and a full description of the installation process for all available technologies, see the section for the specific technology in the *Precise Installation Guide*.

- **Add an existing instance.** If the instance you want to install is already installed in the Precise Framework, select **Add Existing** from the drop-down “Add” menu. A list of the existing instances installed on the Precise Framework appears. Select the desired instance and click **Install**.
- **Install a recommended instance.** Once an instance is installed in a Precise application, all instances installed in the Precise Framework are scanned, and (when applicable), to optimize the application’s monitoring abilities, Precise recommends instances from different technologies be installed in the application.

Executing action items

After installing instances and clusters, the Action Items screen appears, listing any pending action items. To execute pending action items

1. Select the action item in the table. The action item becomes highlighted.
2. Click **Execute** to automatically perform the action item, or **Mark as Done** to continue without performing the action item. Alternatively click **Next** to complete these action items at a later stage.

Customizing instance settings

The Application Installer wizard’s SLA and Locations screens enable you to define instance-specific settings. The definitions set on this screen apply to that instance in all its occurrences in all applications in the Precise Framework. To define instance-specific settings

1. Select the setting you wish to define from the left menu bar, or click **Back** and **Next** until that screen appears.
2. From the instance table, select the instance you wish to define the setting for.
3. Click **Edit**. The setting-specific dialog box appears.

For more information regarding the specific setting, see the Configuring AdminPoint settings section in the *Precise Administration Guide*.

Advanced installing a Precise application

Configuring application types

The Precise Application Installer offers a number of predefined application types. These application types appear in the Application Type drop-down menu on the Application Selection screen. All application types that appear in the drop-down menu can have Tiers and data flow connections added to them, according to your application’s specific needs.



Modifications to the predefined application types can only add to, and not remove from, the existing Tiers and data flow connections. To create an application type with less than the predefined Tiers and data flow connections, select the “User Defined” option from the Application Type drop-down menu and click Next to launch the Add Tiers screen.

Using the Add Tiers screen, you can add Tiers to the application, add data flow connections between Tiers, rename the added Tiers, and save the modified application for future use as an application type offered in the Application Selection screen. The configuration procedure below describes the complete flow of all these steps. If you are only performing some of the modifications, follow the relevant steps only, as described.

To modify an existing application type

1. On the Applications Selection screen, mark the “Add Tiers to this application”.
2. Click **Next**. The Add Tiers screen appears, featuring a current map of the application.
3. To add a Tier, click the **New Tier** button and select the desired Tier type from the drop-down menu. A Tier of that type appears in the top left corner of the application map.
4. To give the Tier a user-defined name, click on the Tier technology name. A box appears around the technology name and it is highlighted in blue.
5. Enter the name you wish to call the Tier.
6. Press **Enter** or click outside of the Tier name box.
7. Click on the Tier and drag it to the appropriate point on the application map.
8. To define data flow between Tiers, click on the Connect button, and then click on the Tier that the data should flow from. A dynamic arrow appears, showing the connection between the selected Tier and the other Tier, according to the location of the mouse.
9. Click on the Tier that the data should flow to. The arrow sets, showing the connection between the two selected Tiers and the data flow direction.
10. To save the modified application for future use as an application type option, click the **Save** button. A dialog box appears.
11. In the Type Name field, enter a name for the modified application.
12. Click **OK**. The application option is now included in the Application Type drop-down menu on the Applications Selection screen.
13. Click **Next** to continue to the Install Tiers Instances screen.