

# Post-installation tasks for SAP tier collectors

After successfully adding the SAP system to the SAP Tier, you need to define both the mapping for organizations and locales and the locales themselves.

- [Defining mapping and locale settings](#)
- [Installing the SAP Java Connector \(JCo\)](#)

## Defining mapping and locale settings

As part of the pre-installation tasks, you have defined your organizations and user areas. Now that you have finished configuring the SAP system, you need to define the fields that Precise for Precise for SAP will retrieve for these groupings. By default, Precise for Precise for SAP retrieves the Department field for organization and the Building field for user area.

In addition to collecting SAP activity data from application servers, Precise for Precise for SAP can monitor locations for network availability. In Precise for Precise for SAP, a location is referred to as a locale. Each locale represents a physical location that is defined by a list of one or more devices, called Locale Devices. Precise for Precise for SAP connects to these devices to check their availability.

## Mapping the organizations

The following procedure describes how to configure organization settings.

To configure organization settings

1. In Precise for Precise for SAP, from the Settings menu, select **Mapping Settings**.
2. In the Mapping Settings dialog box, select the SAP system you want to configure and click **Edit**.
3. Choose an SAP field from the Organization list to map an SAP organization to a user.
4. Determine which SAP field will be mapped to a locale. Choose a field from the User Area list. Then click **OK**.



If your system maintains user lists in locations other than SAP user tables, you can still import this information into Precise for SAP. Precise for SAP can import user definitions from ASCII text files, enabling user information to be extracted from practically any source. For more information on how to import user information from ASCII files, see the SAP section in the [Precise Administration Guide](#).

## Mapping the Locales

To identify the locales and Locale Devices that you want Precise for Precise for SAP to monitor, you need to select existing Windows machines or other devices, such as routers. Locale Devices do not have to be solely dedicated to availability monitoring. They can run the Echo services required by Precise for SAP in the background while serving other purposes.

The following hardware components can serve as Locale Devices:

- Windows workstations or servers
- UNIX computers
- Routers



Verify that your Locale Devices are always available during monitoring hours. Precise recommends using workstations that are always on and available, instead of computers that may be turned off, such as end-user computers.

Before updating the list of locales in Precise for Precise for SAP, verify that you have:

- Mapped all SAP user locales.
- Planned which locales should be defined in the Precise for SAP system and which server machines should be assigned to them to physically check their availability.

To configure locale settings

1. In Precise for Precise for SAP, from the Settings menu, select **Mapping Settings**.
2. In the Mapping Settings dialog box, select the SAP system you want to configure and click **Edit**.
3. Determine which SAP field will be mapped to a locale. Choose a field from the User Area list. Then click **OK**.
4. From the Settings menu, select **Locale Settings**.
5. In the Locale Settings dialog box, perform one of the following procedures:
  - To add a locale
  - To edit a locale
  - To delete a locale

To add a locale

1. Click **Add**.
2. In the Locale Settings - Edit dialog box, enter the name of the new locale in the **Locale** field. Enter a description (optional) of the new locale in the **Description** field.
3. On the Locale Definition tab, select a user area from the **User Areas not assigned to this locale** list and click the right arrow to move it to the **User Areas assigned to this locale** list.

4. On the Locale Availability tab, click **Add**.
5. In the Add Device dialog box, enter the name or the IP address of the device that should be taken into consideration by Precise for SAP when monitoring locale availability.
6. Click **OK**.

To edit a locale

1. From the **Locale Settings** list, select the Locale you want to modify.
2. Click **Edit**.
3. In the Locale Settings - Edit dialog box, in the **Locale** text box, change the name of the existing locale.
4. In the **Description** text box, enter a description (optional) or modify an existing description.
5. On the Locale Definition tab, select a user area from the **User Areas not assigned to this locale** list and click the right arrow to move it to the **User Areas assigned to this locale** list.
6. On the Locale Availability tab, click **Edit**.
7. In the Edit Device dialog box, enter the name or the IP address of the device that should be taken into consideration by Precise for SAP when monitoring locale availability. Then click **OK**.

To delete a locale

1. From the **Locale Settings** list, select the Locale you want to delete.
2. Click **Delete**; then click **OK** to confirm this operation.
3. Click **OK**.

## Installing the SAP Java Connector (JCo)

After installing the Precise for SAP FocalPoint, you need to install the downloaded SAP Java Connector (JCo) if you want Precise for SAP to display running batch jobs in the Batches tab or use the Precise for SAP BW. In this case, perform the following post-installation task. For information on how to download the SAP JCo, see [Downloading the SAP Java Connector \(JCo\)](#).

To install the SAP JCo

1. Unzip the contents of the downloaded file to a folder of your choice on the Precise for SAP FocalPoint server.
2. Open the Agents tab in Precise AdminPoint and stop the Precise for SAP FocalPoint.
3. From the folder to which you unzipped the downloaded file:
  - a. Copy the `.jar` file to the `<precise_root>\java\3rd_party` folder on your Precise for SAP FocalPoint server.
  - b. Copy the `.dll` files to the `<precise_root>\products\sap\bin` folder on your Precise for SAP FocalPoint server.
4. Verify that the gateway port between the Precise for SAP FocalPoint and the SAP Application Server is open in both directions:  
The gateway port is 33xx, where xx has to be replaced by the instance number in the SAP Application Server.
5. Maintain the SAP communication ports in the services file in:  

```
%windir%\system32\drivers\etc\services
```
6. Replace the following `<SID>` and `<instance-number>` with the values from your application:
 

```
sapms<SID> 36<instance-number>/tcp
sapms<SID> 33<instance-number>/tcp
sapms<SID> 32<instance-number>/tcp
```

 For example, for an SAP system with the SID = PRD and Instance Number 01:
 

```
sapmsPRD 3601/tcp # SAP Message Server
sapmsPRD 3301/tcp # SAP Gateway
sapmsPRD 3201/tcp # SAP Dispatcher
```
7. Go back to AdminPoint and restart the Precise for SAP FocalPoint.