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# Integrated Capture Points Guide

[Configure the Integrated Capture Point](#)

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# Configure the Integrated Capture Point

The procedures in this section are applicable to all types of capture points. Differences in configuration between the capture points are mentioned specifically in the procedures where necessary.

## Creating the capture point application

The capture point functionality is built within Interaction Server 8.1, which means that there is no separate installation package for any type of capture points. An Application object for the capture point must be configured in Configuration Manager or Genesys Administrator, however. One Application object must be configured for each instance of the capture point. Interaction Server supports multiple capture points.

### Prerequisites

- Interaction Server must be installed as described earlier in this guide.
  - iWD 8.0 must be installed as described in the [iWD 8.0 Deployment Guide](#).
1. Login to Configuration Manager or Genesys Administrator, and import the required capture point application template from **<Interaction Server installation location>\CapturePointTemplates\**.

### Important

Configuration Server 8.0.3 supports the Capture Point application type. Earlier releases of Configuration Server should use the Third Party Server application type for capture points. Also, if a version of Configuration Server earlier than 8.0.3 is being used, you should modify the corresponding XML metadata file when you import metadata into Genesys Administrator. In the XML metadata file, replace `type="163"` with `type="23"`.

2. Create a new Application object based on the template you imported. The **CapturePointId** will be automatically set to the name of the capture point application as configured in Configuration Manager or Genesys Administrator. In iWD compatibility mode, it will also be saved as the **IWD\_capturePointId** property in user data. When the capture point is later configured in iWD Manager, the Capture Point ID must be the same as the application name in order to ensure accurate events history reporting and accurate filtering. (The capture point **Name** can be anything).

### Important

The name of the Capture Point Application object must start with a letter, contain only alpha-numeric characters and underscores, and cannot be longer than 16

characters and cannot contain spaces.

3. Because the capture point is integrated with Interaction Server, the host and port information is taken from Interaction Server (which must be listed as a connection on the **Connections** tab). On the **Server Info** tab, you can enter the host and port of Interaction Server in the **Host** field, but the information will actually be taken from the connection to Interaction Server, not the information entered on this tab.
4. There is no installation package, so the Application object does not correspond to an installed component. Therefore, the information entered in the **Start Info** tab are not read. In order to save the Application object, the fields cannot be left blank, so you can enter any text in these fields.
5. If you are using a version of Configuration Server that does not support the Capture Point application type, then you must configure the following section and option for the Third Party Server Application object in order for Interaction Server to recognize it as a Capture Point:
  - a. In the properties for the Third Party Server application, create a configuration option section called settings.
  - b. In the settings section, add the option `capture-point-type` and set its value to:
    - `jms` for the JMS Capture Point.
    - `kafka` for the Kafka Capture Point.
    - `file` for the File Capture Point.
    - `db` for the Database Capture Point.
    - `webservice` for the Web Service Capture Point.

If you do not create this option, the Third Party Server application will not be treated like a capture point.

### Tip

For information about all configuration options for the Capture Point application and configuration options for Interaction Server that are related to the capture point functionality, refer to the [Configuration options warehouse](#).

- Add a connection to Interaction Server. Multiple Capture Point Application objects can connect to the same Interaction Server.
- Save the Application object.

### Next Steps

- For the JMS Capture Point:
  - Verify your Java Configuration. See [Java Configuration](#).
  - Set [configuration options](#). There are four [sample configurations](#) that you can consult.
  - Configure a Capture Point Service in iWD Manager. See [Configuring the capture point service](#) on this page.

- For the Kafka Capture Point:
  - Verify your Java Configuration. See [Java Configuration](#).
  - Set [configuration options](#). There is a [sample configuration](#) that you can consult.
  - Configure a Capture Point Service in iWD Manager. See [Configuring the capture point service](#) on this page.
- For the File Capture Point:
  - Verify your Java Configuration. See [Java Configuration](#), if Groovy transformations are present (for example, in iWD compatibility mode).
  - Set [configuration options](#).
  - Configure a Capture Point Service in iWD Manager. See [Configuring the capture point service](#) on this page.
- For the Database Capture Point:
  - Set [configuration options](#).
  - Configure a Capture Point Service in iWD Manager. See [Configuring the capture point service](#) on this page.
  - Install a driver, configure ODBC and test the connection. See [ODBC Drivers](#).
- For the Web Service Capture Point:
  - Set [configuration options](#).
  - Configure a Capture Point Service in iWD Manager. See [Configuring the capture point service](#) on this page.

## Configuring the capture point service

The following procedure creates the service in iWD Manager.

1. Log into iWD Manager.

### Important

For a detailed description of the iWD Manager interface, including logging in, the interface layout, and available functionality, refer to the [iWD Deployment Guide](#).

2. In iWD Manager, select the Services navigation section.
3. Locate your Solution in the navigation tree. Expand the Services node in the navigation tree (if necessary), and click **New Service**.
4. From the templates drop down list,
  - a. For iWD 8.1.0 or higher, select the Generic Capture Point service. The Capture Point ID must match the name of the Capture Point Application object that you configured in [Creating the capture point application](#). Configure the remaining properties of the service. All other configuration for the

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capture point is done in Configuration Manager or Genesys Administrator by using configuration options.

- b. For iWD 8.0, select any Capture Point service. The service that you are creating will serve as a "dummy" Capture Point Service. The Capture Point ID must match the name of the Capture Point Application object that you configured in [Creating the capture point application](#). The rest of the properties can be left at their default values, as they will not be used. All configuration for the Capture Point is done in Configuration Manager or Genesys Administrator by using configuration options.
3. When configuration is complete, click **Save**. Remember to deploy your changes in iWD Manager.

## Starting or stopping the Capture Point Service

You can set an Integrated Capture Point (ICP) to **stopped** mode by changing the state of the corresponding configuration object to **disabled**; changing the state to **enabled** restarts the inbound cycle of the ICP.