

Nil Service Connector

Installation and Setup Guide

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What is the Nil Service Connector?

The Nil Service Connector provides access to the DICOM data via the Nil Image Preview API. Through its REST interface, applications can retrieve study and series information from Nil Server and access the Nil Viewer.

This guide describes how to install and configure the Nil Service Connector.

For more information about other required Perceptive Connect Runtime components, refer to the [Perceptive Connect Runtime Installation and Setup Guide](#).

Note The installation steps in this document assume you are installing the Nil Service Connector for the first time.

Prerequisites

You must have access to a working installation of the following products on your network before you install and use this connector.

- Perceptive Integration Server, version 7.1.5 or higher
- Perceptive Connect Runtime, version 1.3.30 or higher
- Perceptive Content Connector, version 1.1.x or higher
- Nil REST Service, version 4.1 or higher

Install the Nil Service Connector

To download the connector and install it with the Perceptive Connect Runtime Web Console, complete the following tasks.

Note Prior to installing the Nil Service Connector, ensure you have installed and configured Perceptive Content Connector.

Download the files

To download the Nil Service Connector ZIP file, complete the following steps.

1. Go to www.perceptivesoftware.com and log in to the **Customer Portal**.
2. In the **Product Downloads** page, search for the **Nil Service Connector** file.
3. Download the file to your computer. Your computer must have access to the Perceptive Connect Runtime Web Console, located at **`http://<Perceptive Connect Runtime machine name>:<port>`**.

Install the Nil Service Connector

To install the Nil Service Connector, complete the following steps.

1. In a browser, navigate to the Perceptive Connect Runtime Web Console URL in the format **`http://<Perceptive Connect Runtime machine name or IP>:<port>`**.
2. In the browser dialog box, enter the Web Console user name and password.
3. On the **Perceptive Connect Runtime Dashboard** page, select **Install a Connector**.
4. Locate the connector ZIP file **Download the files** section, and drag the ZIP file into the **DRAG FILES HERE** section of the **Upload new bundles** page.

In the **Pending** section, a new item appears with a label of **Installing: Nil Service Connector**.

5. Click the **Accept** button to complete the install.
6. After the installation is accepted, the **Nil Service Connector** item moves to the **Completed** section.

Configure the Nil Service Connector

To configure the Nil Service Connector settings, complete the following steps.

1. In a browser, navigate to the Perceptive Connect Runtime Web Console at **http://<Perceptive Connect Runtime machine name or IP>:<port>/connect**.
2. Under **Perceptive Connect**, select **View Configuration**.
3. Under **Nil Service Connector**, select **Nil Service Configuration**.
4. In the **Nil URL** field, enter a URL for the Nil Service.
5. In the **Encryption Key Field**, enter the encryption key to access the Nil Service.
6. Click **Save**.

Configure the Nil Service Connector security using Cross Origin Resource Sharing

CORS is a mechanism a web browser uses to determine which domains can make requests from a script, except from the domain where the script originated.

By default, CORS is enabled for Perceptive Connect Runtime, and is restricted to the local domain. To configure CORS on Perceptive Connect Runtime, complete the following steps:

1. Navigate to the location of the **Perceptive Connect Runtime** installation.
Example: C:\Perceptive Connect Runtime\
2. In a text editor, open the **config.properties** file located in the **/conf** directory.
3. Navigate to the **Cross Origin Resource Sharing** section and perform one of the following tasks.
 - To disable CORS support for Perceptive Connect Runtime, set the **connect.rs.cors.enabled** setting to **False**.
Note The default setting is True.
 - To allow certain domains to make requests, add the domain URLs to the **connect.rs.cors.allowed.origins** setting in a comma-separated string.
Note The port number must be included when defining a domain.
4. Save the file and exit.
5. Restart **Perceptive Connect Runtime**.

Configure inbound and outbound SSL connections

For information on configuring inbound and outbound SSL connections, refer to the Configuring SSL section found in the Perceptive Connect Runtime help.