



Ports used by Red5 Pro

Additionally, the following ports are required to be open on your local system:

- **5080:** Default web access of Red5 Pro
- **1935:** Default Red5 Pro RTMP port for streaming
- **8554:** Default Red5 Pro RTSP port for streaming

Installation

Once [Java JDK 1.7+](#) is installed, you are ready to install the **Red5 Pro Server** you previously [downloaded](#).

1. Navigate to where you download the **Red5 Pro Server**
2. Unzip the download on you local system into a location of your choice (e.g., `/Users/red5pro-user/red5pro-server`).
3. Start the **Red5 Pro Server**:
 - On OSX & Linux: Open terminal, cd into the Red5 Pro directory from Step #2 above and issue: `./red5.sh`.
 - On Windows: Navigate to the Red5 Pro directory from Step #2 and double-click on `red5.bat`.
4. After the server has started, open a web browser and point to <http://localhost:5080>.

Congratulations! You have successfully installed and run the **Red5 Pro Server**.

Start Broadcasting

Open the Broadcaster page of the **Red5 Pro Server** in a browser at <http://localhost:5080/live/broadcast.jsp>. The **Red5 Pro Server** was installed and started in [Step 2](#).

1. Take note of the server IP address shown in the upper-right.
 - This address is the IP of your local system on the LAN (e.g., `10.0.0.1`).
 - You will use this value when subscribing to the broadcast.
2. Allow the Flash Player and Browser to access the Camera and Microphone of your local system.
3. Enter a stream name in the top field (e.g., `red5prouser`).
 - You will use the stream name value when subscribing to the broadcast.
4. Click **Start Broadcast**.
5. Watch the output. Once you see `NetStream.Publish.Start`, it's time to start subscribing to your broadcast!

Start Subscribing

Once you have pulled the example Streaming App to your local system, open the example in your favorite editor or IDE and modify the following respective configuration:

Android

1. Locate the [app/src/main/res/values/values.xml](#) file in your local checkout.
2. Modify the `domain` entry value to the address from Step 3.
[at line 3](#)
3. Modify the `stream2` entry value to the stream name from Step 3.
[at line 7](#)

4. Save the `values.xml` file.

Once the configuration is modified, launch the App on your favorite iOS and/or Android device!

Note: If you are launching the example App in an emulator or simulator only subscribing is supported.