

## Connect and Print Over TCP/IP and Bluetooth – Zebra Android Link-OS™ SDK – Java – Android Studio

This sample application demonstrates how to connect to printers over Bluetooth and TCP/IP connections using new Zebra Link-OS SDK. The application prints a label on successful connection.

This application, developed using the Android SDK, is designed for any handheld device that runs on Android Version 4.1 or newer.

This updated code implements printer language and status verification to reflect [Zebra's Best Practices](#).

**Note:** This application is provided AS-IS, for example purposes only.

### Technical Prerequisites

You must have:

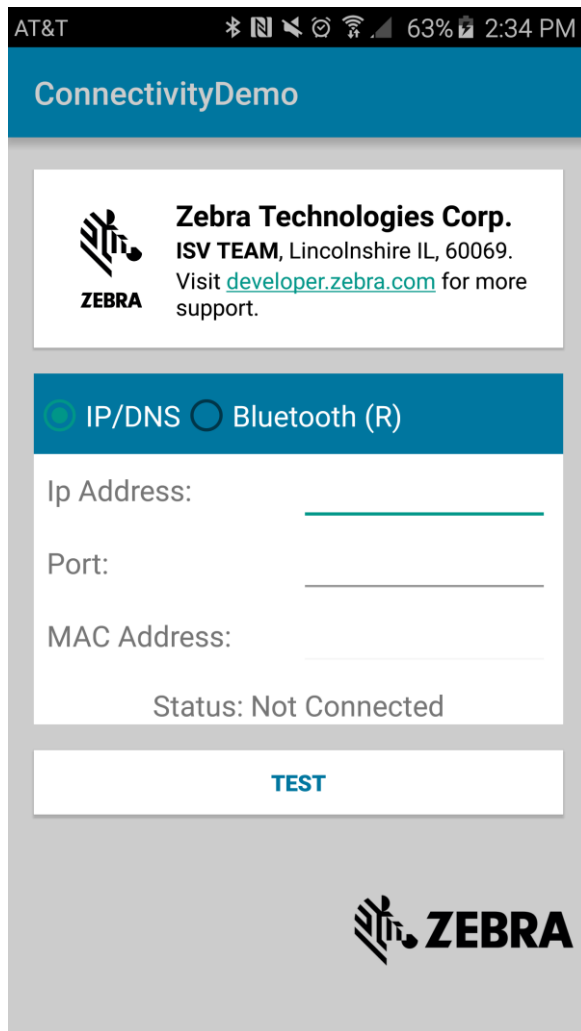
- A Zebra printer with Bluetooth or WI-FI enabled capabilities.
- An Android device and Zebra Printer connected through Bluetooth or same WI-FI network.

**Note:** (Optional) – Android device has an enabled scanner

## Connecting to Your Printer

1. Start the application on your Android device.
2. Do one of the following:
  - If connecting through WI-FI, select **IP/DNS**, type the IP address and port (default is 9100).
  - If connecting through Bluetooth, select **Bluetooth**, and enter the MAC address (it must be entered in lower cases without any gap).

**Note:** Make sure the printer is on to properly connect.



3. Press **TEST**.

When you press **TEST**, the screen displays the process of connecting, along with the Printer Language and Printer Name.

The following images show the application's functionality.










ConnectivityDemo

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Visit [developer.zebra.com](http://developer.zebra.com) for more support.

☐ IP/DNS ☒ Bluetooth (R)


Ip Address:

Port:

MAC Address:

QLn320

TEST

 **ZEBRA**

For more information on developing Android solutions, go to [Getting Started with Android Development – Zebra Android Link-OS™ SDK](#).

## Document Control

Version	Date	Description
1	December, 2010	Initial Release
2	November, 2015	Updated the IDE from Eclipse to Android Studio. Displays the Status Verification, Name and printer language This updated code has a new User Interface (UI) and implements Zebra's Best Practices
3	July, 2017	Updated Build Tools to version 25.0.0 and Gradle to version 3.3

All links and information correct at time of writing

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