

CC31xx Provisioning WPS Application

Overview

The example code demonstrates how to use WPS Wi-Fi provisioning with CC31xx.

It demonstrates two options available to be used with WPS:

- "Push button"
- "PIN code"

Application details

The application performs the following steps:

- Initialize the CC3100 device.
- Initialize connection with AP using WPS push button method.
- Once connected disconnect form the AP.
- Initialize connection with AP using WPS push button method. Default pin is "35072317".
- Once connected disconnect form the AP.

Usage

- Choose an AP that supports WiFi provisioning using WPS (Push Button as well as Pin Code).
- Connect to the AP from a laptop and open the AP webpage
- Build the application. Download and execute it on the target device.
- On running the application, the device waits for a connection using the WPS (PushButton) mode.
- Press the WPS pushbutton on the AP. This can also be simulated on the webpage of the AP (if supported).
- After connecting with the AP application disconnects from AP and the device waits for a connection using the WPS (Pin code) mode.
- Enter the PIN Code 35072317 in the webpage of AP to establish a WPS connection.

Limitations/Known Issues

None

Article Sources and Contributors

CC31xx Provisioning WPS Application *Source:* <http://ap-fpdsp-swapps.dal.design.ti.com/index.php?oldid=187808> *Contributors:* Beatrice, Giansway