

# CC31xx Getting started with Wlan Station

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## Overview and application details

This simple example code connects to a local access-point, checks for a valid IP connection, by pinging the gateway. It also checks for an internet connection by pinging to "www.ti.com".

UART driver is provided for MSP430F5529LP and Tiva-c Launchpad. User need to define 'SL\_IF\_TYPE\_UART' in project to use the uart interface.

## Source Files briefly explained

1. main - Initializes the device, connects to a AP and verifies the connection status

## Usage

- Open 'main.c' and set 'SSID\_NAME'
- Build and launch the project

```
This application connects to 'SSID_NAME', checks for a valid IP connection by pinging the gateway. It also checks for an internet connection by pinging to "www.ti.com"
```



**Note:** To build the application using Tiva-C launchpad, follow below steps:

- IAR
  1. Open the project Options
  2. Replace the tivaware path under 'C/C++ Compiler->Preprocessor' section.
  3. Replace the tivaware library path under 'Linker->Library' section.
  4. Build the project.
- Code Composer Studio
  1. Open the project property.
  2. Update 'TIVWARE\_ROOT' variable available under 'Resource->Linked Resources' with tivaware root directory.
  3. Build the project.

## Limitations/Known Issues

None

# Article Sources and Contributors

**CC31xx Getting started with Wlan Station** *Source:* <http://ap-fpdsp-swapps.dal.design.ti.com/index.php?oldid=188617> *Contributors:* A0131814, Beatrice, Giansway

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