# **CC31xx Enterprise Network Connection**

# Overview and application details

This sample application demonstrates how CC3100 device can be connected to an enterprise-network. The device looks for appropriate certificate-files on the serial-flash for establishing an enterprise connection - Contact your network administrators for the certificate-files.



Note: This wiki page is only applicable for CC3100-SDK v0.5.2 and upward releases. For documentation on older SDKs' examples, refer corresponding file in <cc3100-sdk-installation-location>\cc3100-sdk\docs\examples\

## Source Files briefly explained

i. main - Initializes the device, connects to a enterprise network

## **Usage**

- Contact your network administrator for the certificate-file that's required to establish connection w/ your enterprise network
- Download the certificate file as /cert/ca.pem on the serial-flash using CCS\_UniFlash [1] utility. Uniflash\_User\_Guide has detailed instructions for flashing the certificate files
- Open main.c and modify SSID\_NAME, USER\_NAME, PASS\_KEY, SEC\_METHOD and SEC\_TYPE as per
  your access-point's properties. SimpleLink device will connect to this AP when the application is executed
- Edit the same file and modify the values for **DAY** to **SECOND**
- Build and run the application
- See the self explanatory logs on the terminal-program's console.
- On success, below message will be displayed on the terminal and the device connects to the enterprise network with the credentials in USER\_NAME & PASS\_KEY

## Limitations/Known Issues

None

### References

[1] http://www.ti.com/tool/uniflash

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CC31xx Enterprise Network Connection Source: http://processors.wiki.ti.com/index.php?oldid=179991 Contributors: A0131814, A0132173, A0221015, Codycooke, Malokyle

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