

## DISCLAIMER - USE AT YOUR OWN RISK

The information and configuration examples are for academic and educational purposes only. They are not for operational or commercial purposes. Speak Network Solutions LLC assumes no responsibility for any loss or hardship caused directly or indirectly by using this site or any of its contents.

## HOW TO USE THE DOWNLOADED FILES

After files have been downloaded, you may upload the configuration to any compatible Wireless Controllers and customize to fit your environment.

### Step 1: Upload the configuration file to the Wireless Controller.

CAUTION: Upon upload, all existing configuration will be overwritten. Please make proper backup.

On your Wireless Controller, go to COMMANDS -> Download File and select "Configuration" from the File Type. Adjust the settings to match your environment. In this example, the configuration file is located on a computer, running TFTP service. The configuration file is in the TFTP server's root directory.

Upon uploading the configuration file, your Wireless Controller will reboot. Make sure you login using the new IP. <http://172.25.10.50/>

Since the APs are static IP and you'll need to manually update their IPs to match the Controller's configuration.

- AP01: 172.25.10.52
- AP02: 172.25.10.53

### Step 2: Customize the system to fit your environment

IP assignment for the wireless infrastructure

#### Wireless Controller Interfaces:

- management: 172.25.10.50
- ap-manager: 172.25.10.50
- AP01: 172.25.10.52
- AP02: 172.25.10.53

#### SSID:

- Employee: VLAN103 – 10.2.123.2 /24
- Guest: 192.168.202.30 /24

You'll need to update the following server parameters to match your environment:

- Microsoft Active Directory and DNS
- DHCP Server with new scope configured
- IP helper-address configured on the switch
- Microsoft Radius (IAS) Server
- Microsoft Enterprise root CA (optional)
- Separate DMZ for wireless infrastructure

#### Local user accounts