

## DISCLAIMER - USE AT YOUR OWN RISK

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## 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.

The screenshot shows the Cisco Wireless Controller web interface. The top navigation bar includes: MONITOR, WLANs, CONTROLLER, WIRELESS, SECURITY, MANAGEMENT, COMMANDS (highlighted), HELP, and FEEDBACK. The left sidebar lists various commands: Download File (highlighted with a red arrow), Upload File, Reboot, Config Boot, Scheduled Reboot, Reset to Factory Default, Set Time, and Login Banner. The main content area is titled 'Download file to Controller' (with a red arrow pointing to the title). It contains the following configuration options:

- File Type: Configuration (dropdown menu with a red arrow pointing to the selected value)
- Configuration File Encryption:
- Transfer Mode: TFTP (dropdown menu with a red arrow pointing to the selected value)

The 'Server Details' section includes the following fields:

- IP Address: 192.168.31.77 (text input with a red arrow pointing to the value)
- Maximum retries: 10 (text input)
- Timeout (seconds): 6 (text input)
- File Path: / (text input)
- File Name: AIR-CT2504-K9-8.1.111.0.cfg.txt (text input with a red arrow pointing to the value)

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