

Firmware recovery for AIR802 AP-G200/G250/G300/G310

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Occasionally and particularly with older firmware versions of the AIR802 access points the webpage of the device might not be accessible. You can use this procedure to upgrade again through TFTP to fix the firmware.

The procedure will reset the access point back to factory defaults.

Models:

This procedure applies to models AP-G200, AP-G250, AP-G300 and AP-G310.

Files: Please get the correct files for upgrade. This document shows upgrading to AP-G300 v1.4.3f3. For other models, use the correct webpage and linux files. The files are available under support, then firmware.

File name	Function
boot14c-180Mhz-32bits-32MB.bin	This is the boot loader.
swconfig.img	It is used to reset AP-G300 to factory default.
Ap-g300webpages_adv.bin	This is the webpage file of AP-G300 1.4.3f3.
Ap-g300linux_adv_led1.bin	This is the linux file of AP-G300 1.4.3f3.
fix.bat	This is the batch file for the tftp commands.
tftp.exe	This is the tftp program.

Setup:

1. Put the files in the directory "c:\AP-G300". Please see figure 1.
2. Connect the Ethernet cable to the AP-G300 and your PC. Set the IP Address 192.168.1.20 for PC.

Procedure:

1. Unplug the power of the AP-G300.
2. Press and hold the reset button and then power on AP-G300.
3. Browse and click on "fix.bat". A series of tftp-upload command pops on screen. (Figure 2)
4. Wait for command prompt disappear and then release the Reset button.
5. Wait for 2 minutes for the upgrade to complete.
6. Change the IP Address of your PC to 192.168.2.XX and then login to the AP-G300 (default is 192.168.2.254). Open the page "Management -> Status" to check the firmware version 1.4.3f3. Please refer to figure 3.

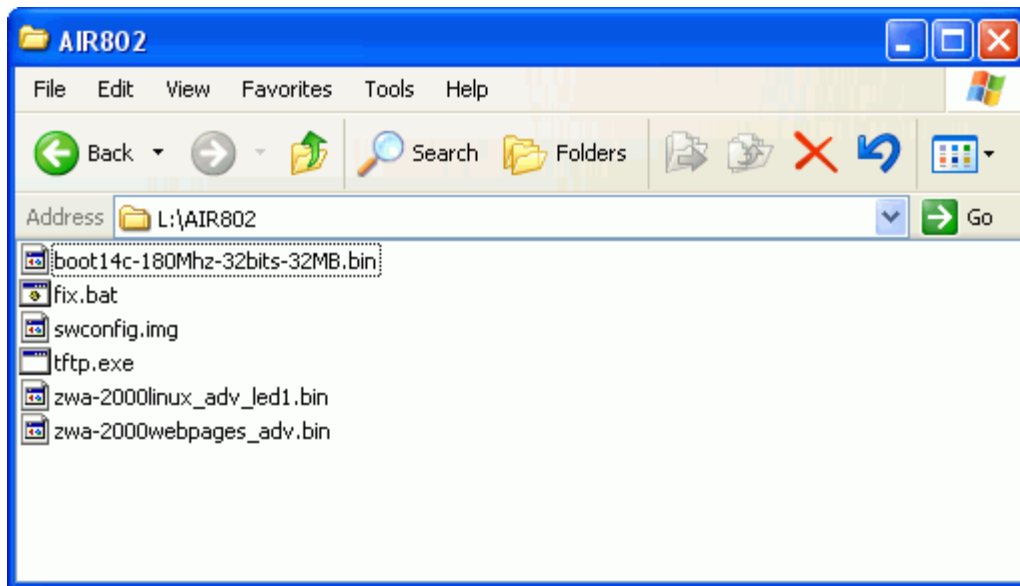


Figure 1. This is the directory of the files.

```
C:\ D:\WINDOWS\system32\cmd.exe
L:\AIR802>tftp -i 192.168.1.6 put swconfig.img
WinAgents TFTP Client version 1.4 Copyright (c)2004-2007 by Tandem Systems,Ltd.
http://www.winagents.com - Software for network administrators
Transferring file swconfig.img to server in octet mode...
File swconfig.img was transferred successfully.
1024 bytes transferred for 10 seconds, 102 bytes/second
L:\AIR802>tftp -i 192.168.1.6 put zwa-2000webpages_adv.bin
WinAgents TFTP Client version 1.4 Copyright (c)2004-2007 by Tandem Systems,Ltd.
http://www.winagents.com - Software for network administrators
Transferring file zwa-2000webpages_adv.bin to server in octet mode...
File zwa-2000webpages_adv.bin was transferred successfully.
64718 bytes transferred for 10 seconds, 6471 bytes/second
L:\AIR802>tftp -i 192.168.1.6 put zwa-2000linux_adv_led1.bin
WinAgents TFTP Client version 1.4 Copyright (c)2004-2007 by Tandem Systems,Ltd.
http://www.winagents.com - Software for network administrators
Transferring file zwa-2000linux_adv_led1.bin to server in octet mode...
```

Figure 2.This is the command prompt of the tftp-upload.

Wireless LAN Series

Site contents:

- Wizard
- Operation Mode
- Wireless
- TCP/IP
- Firewall
- Management
 - Status
 - QoS
 - Bandwidth Control
 - SNMP
 - Statistics
 - DDNS
 - Time Zone
 - Log
 - Miscellaneous
 - MESH Network
 - Upgrade Firmware
 - Save/Reload Setting
 - Upload Script
 - Password
 - Reboot

Access Point Status

This page shows the current status and some basic settings of the device.

System	
Uptime	0day:0h:1m:20s
Free Memory	11976 kB
Firmware Version	1.4.3f3 20080509
Webpage Version	1.4.3f3 20080509
Wireless Configuration	
Mode	AP - Bridge
Band	2.4 GHz (B+G)
SSID	AIR802 AP-G300
Channel Number	11
Encryption	Disabled
BSSID	00:05:9e:82:c1:21
Associated Clients	0
Power(OFDM/G)	24 dbm
Power(CCK/B)	27 dbm
TCP/IP Configuration	

Figure 3.Check the firmware version in the status page.