

Firmware recovery for Zinwell ODU

7/13/2007

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Sometimes ZW-220 might not complete the upgrade procedure and the web configuration can't be accessed. You can use this procedure to upgrade again through TFTP to finish the upgrade. The procedure will reset ZW-220 to factory default.

Models:

This procedure applies to ZW-220.

Files: Please get the correct files for upgrade. This document takes ZW-G220 v1.4.3c for example. For other models, use the correct webpage and linux files.

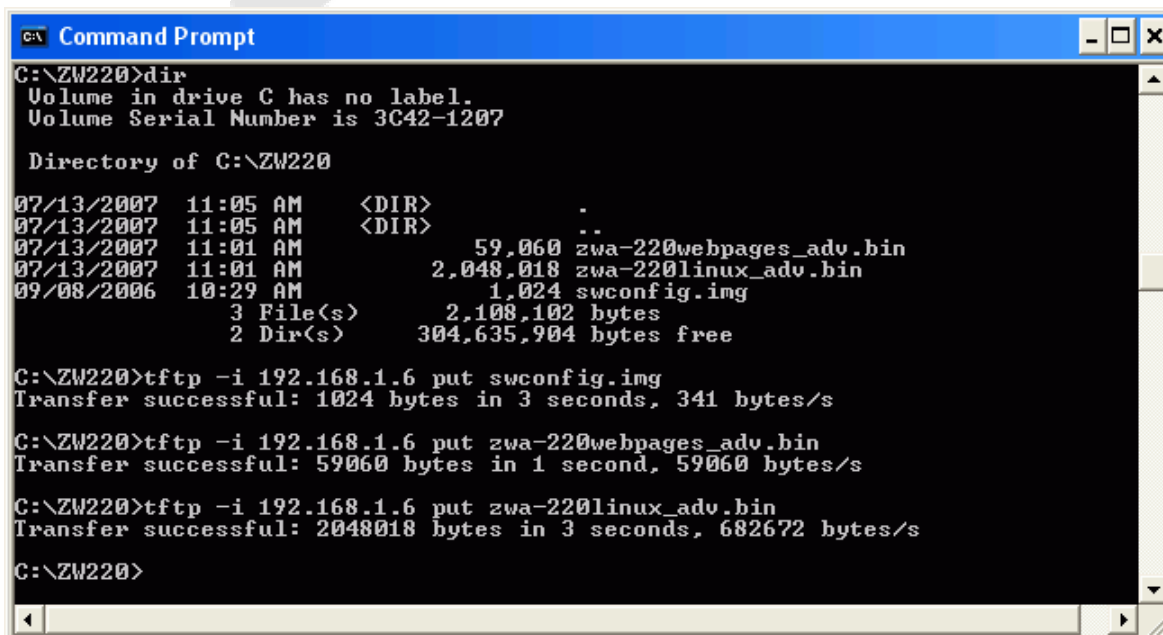
File name	Function
swconfig.img	Reset ZW-220 to factory default
zwa-220webpages_adv.bin	The webpage file of ZW-220 1.4.3c
zwa-220linux_adv.bin	The linux file of ZW-220 1.4.3c

Setup:

1. Put the files in the directory "c:\ZW220".
2. Connect the Ethernet cable to ZW-220 and your PC. Set the IP Address 192.168.1.20 for PC.

Procedure:

1. Unplug the power of ZW-220.
2. Press and hold the reset button and then power on ZW220. Release reset button after 5 seconds.
3. Open the command prompt and change directory to c:\ZW220. Please see the screenshot below.
4. Hold the reset button and execute the command "tftp -i 192.168.1.6 put swconfig.img". Release reset button after 5 seconds.
5. Execute the command "tftp -i 192.168.1.6 put zwa-220webpages_adv.bin".
6. Execute the command "tftp -i 192.168.1.6 put zwa-220linux_adv.bin".



```
C:\ZW220>dir
Volume in drive C has no label.
Volume Serial Number is 3C42-1207

Directory of C:\ZW220

07/13/2007  11:05 AM    <DIR>          .
07/13/2007  11:05 AM    <DIR>          ..
07/13/2007  11:01 AM                59,060 zwa-220webpages_adv.bin
07/13/2007  11:01 AM           2,048,018 zwa-220linux_adv.bin
09/08/2006  10:29 AM                1,024 swconfig.img
           3 File(s)          2,108,102 bytes
           2 Dir(s)          304,635,904 bytes free

C:\ZW220>tftp -i 192.168.1.6 put swconfig.img
Transfer successful: 1024 bytes in 3 seconds, 341 bytes/s

C:\ZW220>tftp -i 192.168.1.6 put zwa-220webpages_adv.bin
Transfer successful: 59060 bytes in 1 second, 59060 bytes/s

C:\ZW220>tftp -i 192.168.1.6 put zwa-220linux_adv.bin
Transfer successful: 2048018 bytes in 3 seconds, 682672 bytes/s

C:\ZW220>
```

- Wait for 2 minutes and then go to the next step.
- Change the IP Address of your PC to 192.168.2.XX and then login ZW-220 (default is 192.168.2.254). Open the page "Management -> Status" to check the firmware version 1.4.3c.

Site contents:

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

Access Point Status

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

System	
Uptime	0day:0h:1m:59s
Free Memory	13392 kB
Firmware Version	1.4.3c 20070516
Webpage Version	1.4.3c 20070516
Wireless Configuration	
Mode	AP - Bridge
Band	2.4 GHz (B+G)
SSID	ZPlus-220
Channel Number	11
Encryption	Disabled
BSSID	00:05:9e:86:67:a9
Associated Clients	0
Power(OFDM/G)	100mW
Power(CCK/B)	250mW