## Password Recovery Procedure for 3CRWEASYA73

If login password is lost, the only way is to reset the device to factory default.

The main purpose of this guide is to make the device to boot into recovery mode, format the file system and load a firmware to the device. By formatting the file system, all firmware and config file are lost, once a firmware is loaded to the device, the system will create a default config file.

Below are the procedures:

Connect the device to a PC through console cable.
(Baud rate=9600, Data bits=8, Parity=None, Stop bits=1, Flow control=none)

```
Reboot the device.
ar531x rev 0x00005742 firmware startup...
SDRAM TEST...PASSED
Boot Code version: 2.1.6
4
                                                                                       (Press Esc key to stop
countdown)
                                                                                (Input c to edit the boot
oot]: c
parameters)
'.' = clear field; '-' = go to previous field; ^D = quit
boot device
                : tffs:0
processor number : 0
host name
file name
                : /fl/3com-img.bin /fl/3com
                                                  (change the filename of the boot image)
inet on ethernet (e):
inet on backplane (b):
host inet (h)
gateway inet (g) :
user (u)
ftp password (pw) (blank = use rsh):
flags (f)
              : 0x0
target name (tn) :
startup script (s) : factory
other (o)
          : ae
```

[Boot]: @ device)

(input @ to start boot up the

Attached TCP/IP interface to ae0.

Warning: no netmask specified.

Attaching network interface lo0... done.

Attaching to TFFS... Attaching to TFFS... done.

Wait for reset, 4..3..2..1..0

Loading /fl/3com...

Cannot open "/fl/3com". (Since the filename is changed, the device is not able to find the boot

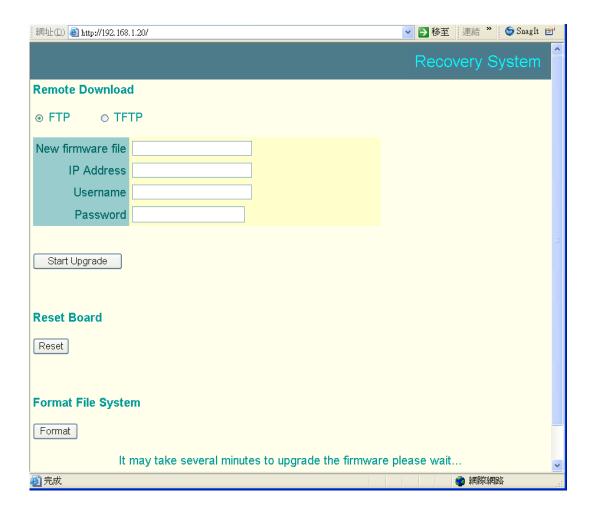
image)

Boot web up ... (The device will boot into recovery mode)

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Recovery mode IP address is 192.168.1.20, please do the following steps one by one:

- 1. Format File System (It takes several minutes to format the file system)
- 2. Download an image through FTP or TFTP (Please ensure the firewall of PC does not block file transfer)
- 3. Reset



<sup>\*</sup>Press Enter key to skip the unchanged parameters, and the values in green color are what we input \*\*Rename the firmware file in FTP/TFTP server to 3com-img.bin (e.g. A73\_02\_02\_19\_sh.img to 3com-img.bin). We need the firmware file in step 2 of below procedure.

Once the Reset button is pressed, the device restarts, if the device still use the wrong filename to locate the beimage, it will boot into recovery mode again.	
0	<del></del>
auto-booting	
Attached TCP/IP interface to ae0.	
Warning: no netmask specified.	
Attaching network interface lo0 done.	
Attaching to TFFS Attaching to TFFS done.	
Wait for reset , 43210	
Loading /fl/3com	
Cannot open "/fl/3com".	(The correct boot image cannot be found)
Boot web up	

```
In this case, we have to reboot the unit and change the filename to correct one.
ar531x rev 0x00005742 firmware startup...
SDRAM TEST...PASSED
Boot Code version: 2.1.6
4
                                                                                         (Press Esc key to stop
countdown)
oot]: c
                                                                                 (Input c to edit the boot
parameters)
'.' = clear field; '-' = go to previous field; ^D = quit
boot device
             : tffs:0
processor number : 0
host name
              :
file name
                : /fl/3com /fl/3com-img.bin
                                                   (change the filename to correct one)
inet on ethernet (e):
inet on backplane (b):
host inet (h)
gateway inet (g) :
user (u)
           :
ftp password (pw) (blank = use rsh):
flags (f)
              : 0x0
target name (tn)
startup script (s) : factory
other (o)
               : ae
[Boot]: @
                                                                                 (input @ to start boot up the
device)
Attached TCP/IP interface to ae0.
Warning: no netmask specified.
Attaching network interface lo0... done.
Attaching to TFFS... Attaching to TFFS... done.
Wait for reset, 4..3..2..1..0
                                                           (This line indicate the boot image is loaded
Loading /fl/3com-img.bin...Boot web up ...
successfully)
18984 + 2445520 + 105600
Starting at 0x80880000...
```

- \*The device will then start with default config.
- \*\*If you did not rename the firmware, for example, the firmware is called A73\_02\_02\_19\_sh.img. then the device may try to locate this filename to boot the image.