

## WNAP320 - Recovery Document

### Upgrade from U-Boot prompt:

Download the Firmware v3.7.9.0 from following link: <https://kb.netgear.com/000049549/WNAP320-Firmware-Version-3-7-9-0>

For Linux :

- Extract the .tar file
- Copy all files (4nos files) to your tftpboot directory and change the permissions using following command by entering into tftp directory:
- `chmod 777 -R *`

Boot the board and stop at u-boot prompt.

Execute following Commands one by one .

1. `setenv ipaddr 192.168.1.10`
2. `setenv serverip 192.168.1.21` (assuming that the tftp server ip is 192.168.1.21)
3. `ar7100 > ping $serverip`  
(NOTE : **In case , host is not alive once hard reboot the AP. After reboot, run only step 4 & 5.**)
4. `run flash_all`
5. `ar7100 > reset`

```
stdout=serial
stderr=serial

Environment size: 1357/65532 bytes
ar7100> set <INTERRUPT>192.168.1.
ar7100> <INTERRUPT>
ar7100> setenv ipaddr 192.168.100.106
ar7100> setenv serverip 192.168.100.110
ar7100> run flash_all
CTRL-A Z for help | 9600 8N1 | NOR | Mlncom 2.5 | VT102 | Offline
```

For tftp in windows :

1. Download tftp32d or tftp64d. You can get it from [http://tftpd32.jounin.net/tftpd32\\_download.html](http://tftpd32.jounin.net/tftpd32_download.html)
2. Untar the Firmware to a folder
3. Point the TFTP server to the correct folder chosen in step 2 by clicking "Browse" next to the "Current Directory"
2. Download Putty from <https://the.earth.li/~sgtatham/putty/latest/x86/putty.exe>
3. Connect the serial port on the PC to the AP serial port.
4. Open Putty

- a. Set to correct com port (may need to check under Device Manager by clicking Start, Run, and run devmgmt.msc)
  - b. Set com port PUTTY setting to 9600 K default baud rate (These should be set by default in PUTTY - (8) data bits, no (N) parity bit, and one (1) stop bit)
  - c. Open connection
5. Reboot the AP and stop the AP in boot loader, when it shows the message "Enter SPACE to drop into boot loader: " press "Spacebar" key.
6. Set the ipaddress and serverip environment variables
- Note: serverip is the tftp server ip
  - Note: serverip and ipaddr should be in the same subnet.
- a. ar7100> setenv serverip 192.168.1.21 (Assuming 192.168.1.21 is set as IPv4 address on your Tftpd server)
  - b. ar7100> setenv ipaddr 192.168.1.10 (This sets the access point IP address to 192.168.1.10.)
  - c. ar7100 > ping \$serverip
- (NOTE : *In case , host is not alive once hard reboot the AP. After reboot, run only step 7 & 8.*)
7. ar7100> run flash\_all (To flash the Firmware)
8. ar7100> reset

After AP comes up with Firmware 3.7.9.0. Manage the AP by discovery in controller.