



The purpose of this document is to provide some basic steps to upgrade NetScreen-10. To upgrade the NetScreen via Boot/Diag mode, the ScreenOS image to be upgraded to must be stored on a TFTP server. The NetScreen should also have a direct ethernet connection with that TFTP server via TRUSTED Interface

1. Hook up a console from your PC to the NetScreen serial port.
2. Power up the NetScreen, and hit return until it gets you to Boot/Diag Mode.
3. When asked for the Self IP address, enter an IP address that is on the same subnet as the TFTP server
4. When asked for the TFTP IP address, enter the IP address of the TFTP server
5. When asked for the Boot File name, enter the file name of the ScreenOS version to be upgraded to

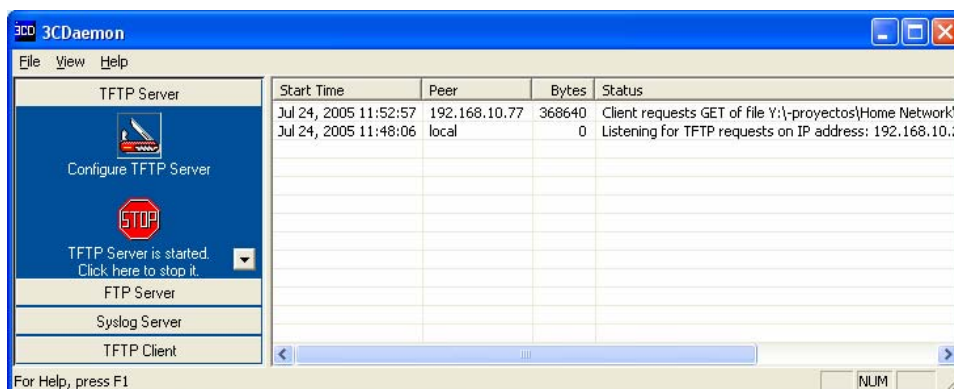
NetScreen Technologies Inc.
NS10 System Monitor V2.1
Copyright, 1997-1999

32M SDRAM detected
SDRAM test0 passed

Hit any key for Boot Mode
Hit any key for Boot Mode

```
Serial Number [14010338]: READ ONLY
Control Number [00000000]: READ ONLY
HW Version [3010]: READ ONLY
Self MAC Address [0010.dba2.16ce]: READ ONLY
Self IP Address[0.40.40.1]: 192.168.10.77
TFTP IP Address [10.1.1.60]: 192.168.10.236
Boot File Name: [ns10.2.6.0r1.]: ns10.2.6.1r13.1 <return>
Save Boot Info (64):+++ DONE
tftp load ns10.2.6.1r13.1 from 192.168.10.236
tftp malloc: 4f02a4
```

r.rtatatatatatatata



DISCLAIMER

This Technical Tip or TechNote is provided as information only. I cannot make any guarantee, either explicit or implied, as to its accuracy to specific system installations / configurations. Readers should consult each Vendor for further information or support.

Although I believe the information provided in this document to be accurate at the time of writing, I reserve the right to modify, update, retract or otherwise change the information contained within for any reason and without notice. This technote has been created after studying the material and / or practical evaluation by myself. All liability for use of the information presented here remains with the user

```
Boot File Name
Program to flash (0)? Y7[n] y
Program flash (0,1540092) ... ++++++++ DONE
Run downloaded program? [y]/n y

Start loading.....
```

Done.

```
NetScreen Technologies, Inc
NS10 System Software
Copyright, 1997-2001
```

```
Load Manufacture Information ... Done
Load NVRAM Information ... (2.61)Done
Software version 2.6.1r13.1
Verify ACL register default value (at hw reset) ... Done Verify ACL register read/write
... Done Verify ACL rule read/write ... Done Verify ACL rule search ... Done
MD5("a") = 0cc175b9 c0f1b6a8 31c399e2 69772661
MD5("abc") = 90015098 3cd24fb0 d6963f7d 28e17f72 MD5("message digest") = f96b697d
7cb7938d 525a2f31 aaf161d0 Verify DES register read/write ... Done
```

```
Install modules (004e5140,00537b38) ... done(52) load dns table
*****
This is a first-time system boot up.
Please use the "set clock" command to set system clock.
*****
login: trust interface change state to Up System change state to Active(1)

login:
```

The reason I did the upgrade, was the possibility to reset the device to factory default and recover lost password.

