



This documents describes a simple method to backup PacketShaper configuration. It's not my intension to replace any official documents, but it was always helpful for me to have some cheat sheets available.

**Note:** Always consult official Release Notes, as backup and restore may differ from version to version.

## Environment of this Scenario:

- Notebook (192.168.10.32) running also FTP Server
- PacketShaper 1550 with 6.1.2g2 (192.168.10.152)
- Notebook and PacketShaper are connected via Switch on the same subnet

## Save Settings

**Important:** Before you upgrade to PacketWise 6.2, make sure you capture your settings with the **setup capture** command. The resulting CMD file can be used to restore your configuration if a problem occurs during upgrading or if you want to revert back to a previous version.

1. Connect to PacketShaper either with console or telnet.
2. Run command **setup capture complete <filename>**

```
Tera Term - 192.168.10.152 VT
File Edit Setup Control Window Help
PacketShaper# setup capture complete RAINER.CMD
Saved complete configuration in 9.256/cmd/RAINER.CMD
PacketShaper# cd /cmd
PacketShaper# pwd
9.256/cmd
PacketShaper# ls
CON          DIAG.OUT    JOERG.OUT   RAINER.CMD
PacketShaper# █
```

## Transfer configuration files

1. Verify that your client workstation has network access to the Packeteer
2. At your notebook command line (e.g., MS-DOS prompt), create a directory where the backup files will be stored. Make sure that the directory name identifies the specific unit so that the basic.cfg file stored therein can be used to recover the unit. I always use PacketShapers Serial Number and Hostname for unique identification

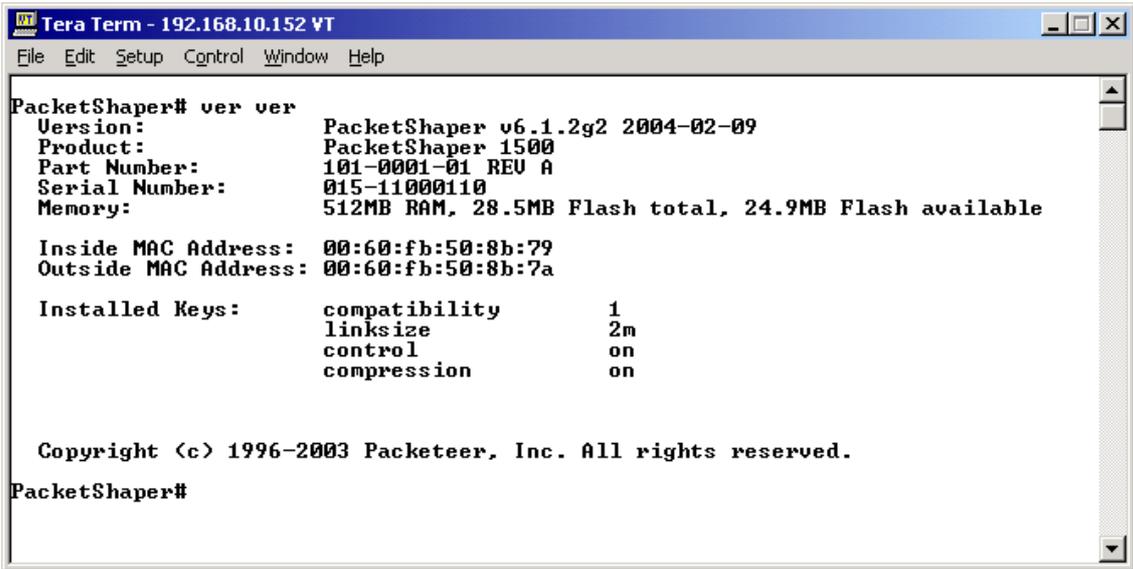


### DISCLAIMER

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.

- To obtain PacketShaper's Serial Number, telnet into the box and type on the CLI "ver ver" to get it



```

Tera Term - 192.168.10.152 VT
File Edit Setup Control Window Help
PacketShaper# ver ver
Version:          PacketShaper v6.1.2g2 2004-02-09
Product:         PacketShaper 1500
Part Number:     101-0001-01 REV A
Serial Number:   015-11000110
Memory:         512MB RAM, 28.5MB Flash total, 24.9MB Flash available

Inside MAC Address: 00:60:fb:50:8b:79
Outside MAC Address: 00:60:fb:50:8b:7a

Installed Keys:  compatibility      1
                  linksize         2m
                  control           on
                  compression       on

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PacketShaper#

```

- Go to the newly created directory



```

C:\WINNT\system32\cmd.exe
Y:\Config-Backup\015-11000110>

```

- FTP into the box (in my case, the IP Address of the PacketShaper is 192.168.10.152)

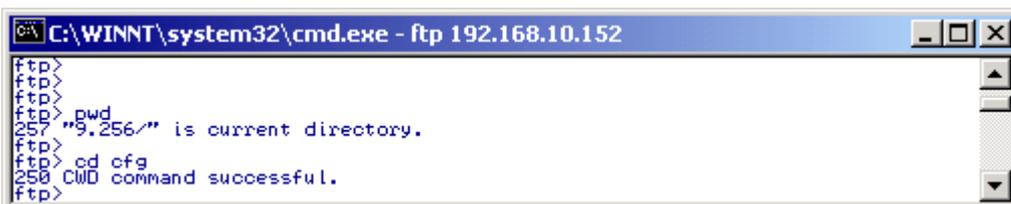


```

C:\WINNT\system32\cmd.exe - ftp 192.168.10.152
Y:\Config-Backup\015-11000110>ftp 192.168.10.152
Connected to 192.168.10.152.
220 192.168.10.152 PacketShaper FTP server ready.
User (192.168.10.152:(none)):
331 (none) login ok, send PacketShaper touch password.
Password:
230 User touch logged in.
ftp>

```

- To go to the unit's flash drive directory where the configuration files are stored, type cd cfg



```

C:\WINNT\system32\cmd.exe - ftp 192.168.10.152
ftp>
ftp>
ftp>
ftp>pwd
257 "9.256/" is current directory.
ftp>
ftp>cd cfg
250 CWD command successful.
ftp>

```

**Note:** 9.256 refers to Flash, while 9.258 refers to harddisk

7. To transfer the config.ldi from the unit to your local drive, enter following commands at FTP-Prompt

`ascii` (to go into ASCII mode)  
`get config.ldi` (to copy the file)



```

C:\WINNT\system32\cmd.exe - ftp 192.168.10.152
ftp> cd cfg
250 CWD command successful.
ftp> ascii
200 Type set to A.
ftp> get config.ldi
200 PORT command successful.
150 Opening ASCII mode data connection for config.ldi (34974 bytes).
226 Transfer complete.
ftp: 36255 bytes received in 0.31Seconds 116.95Kbytes/sec.
ftp>

```

8. To transfer the other configuration files (such as settings.cfg and basic.cfg), enter

`bin` (to go into binary mode)  
`get settings.cfg` (to copy the file)  
`get basic.cfg` (to copy the file)



```

C:\WINNT\system32\cmd.exe - ftp 192.168.10.152
ftp>
ftp> bin
200 Type set to I.
ftp> get settings.cfg
200 PORT command successful.
150 Opening BINARY mode data connection for settings.cfg (3222 bytes).
226 Transfer complete.
ftp: 3222 bytes received in 0.05Seconds 64.44Kbytes/sec.
ftp> get basic.cfg
200 PORT command successful.
150 Opening BINARY mode data connection for basic.cfg (664 bytes).
226 Transfer complete.
ftp: 664 bytes received in 0.00Seconds 664000.00Kbytes/sec.
ftp> _

```

9. Backup CMD File, you have created at the first place und "SAVE SETTINGS". This is a fallback solution, if the upgrade does not work properly and you have to revert to previous version.



```

C:\WINNT\system32\cmd.exe - ftp 192.168.10.152
ftp>
ftp> cd ../cmd
250 CWD command successful.
ftp> get RAINER.CMD
200 PORT command successful.
150 Opening BINARY mode data connection for RAINER.CMD (14797 bytes).
226 Transfer complete.
ftp: 14797 bytes received in 0.02Seconds 739.85Kbytes/sec.
ftp>
ftp>

```

Here are my backups on local harddisk

