

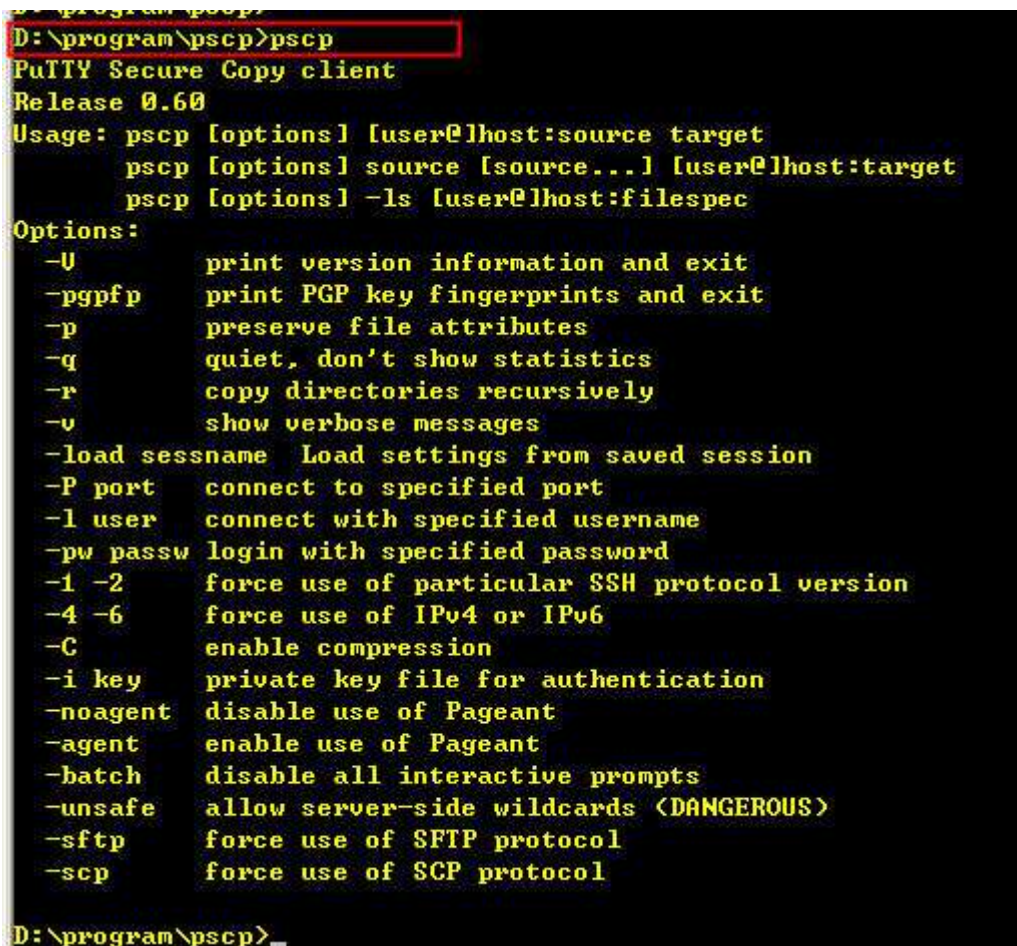
D-Link

How to use CLI to Upload/Download D-Link NetDefends Firewall configuration.

1. Use Windows OS terminal application connect to D-Link firewall(For Unix/Linux OS, please refer manual).
2. Download Putty SCP software(free software).
3. Setup D-Link NetDefends firewall Remote SSH management. For example:

```
DFL-1600:/> add RemoteManagement RemoteMgmtSSH for-scp LocalUserDatabase=AdminUsers  
Network=InterfaceAddresses/lan1net Interface=lan1 AccessLevel=Admin
```

4. Go to Windows DOS, and call the SCP application.



```
D:\program\pscp>pscp  
PuTTY Secure Copy client  
Release 0.60  
Usage: pscp [options] [user@]host:source target  
       pscp [options] source [source...] [user@]host:target  
       pscp [options] -ls [user@]host:filespec  
Options:  
-U          print version information and exit  
-pgpfp     print PGP key fingerprints and exit  
-p         preserve file attributes  
-q         quiet, don't show statistics  
-r         copy directories recursively  
-v         show verbose messages  
-load sessname Load settings from saved session  
-P port    connect to specified port  
-l user    connect with specified username  
-pw passw  login with specified password  
-1 -2     force use of particular SSH protocol version  
-4 -6     force use of IPv4 or IPv6  
-C        enable compression  
-i key     private key file for authentication  
-noagent   disable use of Pageant  
-agent     enable use of Pageant  
-batch     disable all interactive prompts  
-unsafe    allow server-side wildcards (DANGEROUS)  
-sftp     force use of SFTP protocol  
-scp      force use of SCP protocol  
D:\program\pscp>
```

5. Download config.bak or full.bak configuration files.

```
D:\program\pscp>pscp admin@192.168.1.1:config.bak config.bak
admin@192.168.1.1's password:
config.bak          | 10 kB | 10.9 kB/s | ETA: 00:00:00 | 100%

D:\program\pscp>pscp admin@192.168.1.1:full.bak full.bak
admin@192.168.1.1's password:
full.bak           | 5493 kB | 2746.8 kB/s | ETA: 00:00:00 | 100%
```

6. Upload config.bak or full.bak configuration files.

```
D:\program\pscp>pscp config.bak admin@192.168.1.1:
admin@192.168.1.1's password:
config.bak          | 10 kB | 10.9 kB/s | ETA: 00:00:00 | 100%

D:\program\pscp>pscp full.bak admin@192.168.1.1:
admin@192.168.1.1's password:
full.bak           | 5493 kB | 5493.6 kB/s | ETA: 00:00:00 | 100%
```