

FAQ

DC++ : Installing / Setting up : How to setup active mode on FreeBSD

Question:

Answer:

How to setup active mode on FreeBSD (using ipfw/natd firewall)

1. Edit your ipfw rules list (usually something like /etc/rc.ipfw) . In there somewhere, you should have a rule that diverts all traffic to natd, which should look something like:
`#{fwcmd} add divert natd all from any to any via #{natd_interface}`
2. Below this, add as your next rule:
`#{ Direct Connect Active Mode Port Forwarding`
`#{fwcmd} add pass all from any to any 1776 via #{oif}`
`#{fwcmd} add pass all from any to any 1776 via #{iif}`
3. For "1776" replace any port (preferably something above 1000) that you would like as your forwarded port. Save and close /etc/rc.ipfw.
4. Next open up your /etc/natd.conf file. Make sure the top line has your interface listed (replace "de0" with whatever your outside interface is):
`interface de0`
5. Then add at the end the following two lines:
`redirect_port tcp 192.168.70.2:1776 1776`
`redirect_port udp 192.168.70.2:1776 1776`
6. For 192.168.70.2, substitute the internal IP of your machine running DC++. For "1776" substitute whichever port you used above in your /etc/rc.ipfw file.
7. Finally, we need to reset ipfw and also natd.
Type: *`ps aux | grep natd`*
8. Find the process # for natd. Now we need to kill the process and restart it:
Type: *`kill -9 && natd -f /etc/natd.conf`*
9. Last step, time to reset ipfw to make sure our traffic gets through:
`/sbin/ipfw -f flush`
`/bin/sh /etc/rc.ipfw`