PFSense +IPTables lab instructions

– The actions specified below are taken and slightly edited from the IPTables lab. The idea is to try and perform the same activities in PFSense as you would in IPTables. If you are new and don't have certain things set up, such as an HTTPD server, you can ignore those items.

Your Mission, should you choose to accept it:

Create tcp catch-alls for your input and output chains.

Enable HTTP and HTTPS

Be able to access an HTTPD server on your system (you need to do more here with output catch-all on!)

Specify this rule for both interfaces (what should we take away?)

Enable SSH

Be able to log into GL (remember: two-way connection!)

YOU HAVE TO SPECIFY THE INTERFACE; NO BLANKET INTERFACE.

Enable mailing protocols and name resolution (remember the ports?!)

(This is redundant, but...) Block two very insecure protocols (again, remember the ports?)

Prevent your server from being able to access Facebook and Yahoo.

Prevent USERS from performing traceroute, netstat, or ping (SINGLE RULE)

Make rules persistent upon logoff (Yes, this is a problem in IPTables AND PFSense-don't forget to do something!)

EXTRA CREDIT: Find a way to prevent a DoS attack