Contents

1 Connecting to the firewall

The firewall console is available using VNC. The following table gives the VNC ports:

```
| Firewall        | Port |
| fw1.ws.nsrc.org | 10.10.0.241:71 |
| fw2.ws.nsrc.org | 10.10.0.241:72 |
| fw3.ws.nsrc.org | 10.10.0.241:73 |
| fw4.ws.nsrc.org | 10.10.0.241:74 |
| fw5.ws.nsrc.org | 10.10.0.241:75 |
| fw6.ws.nsrc.org | 10.10.0.241:76 |
| fw7.ws.nsrc.org | 10.10.0.241:77 |
| fw8.ws.nsrc.org | 10.10.0.241:78 |
| fw9.ws.nsrc.org | 10.10.0.241:79 |
```

Use your vnc client to connect to the firewall for your group.

You should see something like this:

2 Setting the IP addresses

You'll see that there are two lines in the middle of the screen which we need to configure to set the addresses for the WAN and the LAN.

Figure 1: alt text

Choose Option 2) Set interface(s) IP address

Then choose 1) to set the WAN address. Ignore the option to use DHCP and then set the IP address to:

10.10.N.253

Set the subnet mask to:

24

Set the WAN gateway address:

10.10.N.254

Ignore the IPv6 setup and don't revert to HTTP for configuration.

Now we'll set the LAN interface:

Choose Option 2) Set interface(s) IP address

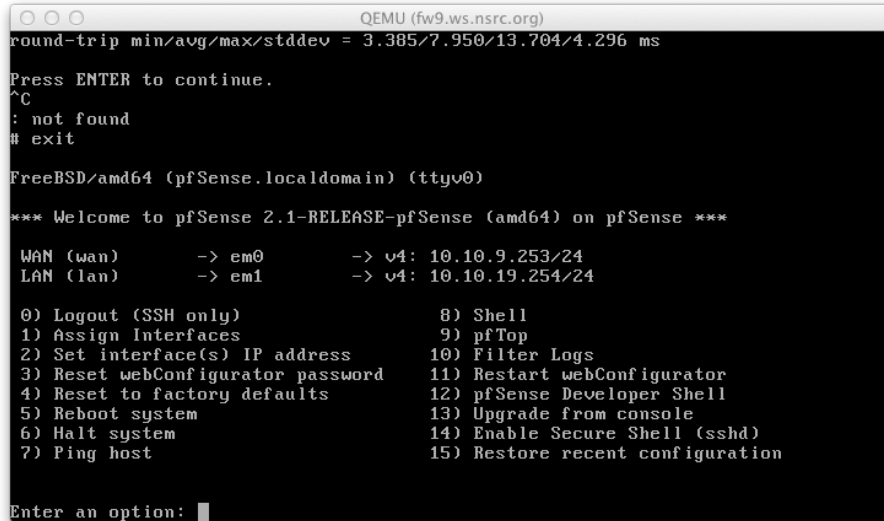Then choose 2) to set the LAN address. Set the IP address to:

```
10.10.1N.254
```

Set the subnet mask to:

```
24
```

Ignore the LAN gateway address and the IPv6 setup and don't revert to HTTP for configuration.

3   Confirming that things are set up

Figure 2: alt text

Check that the addresses look correct.

4   Test the setup

```
Choose Option 7) Ping host
```

and test to:

```
10.10.N.254
```

5   Turn off the firewall temporarily

Choose Option 8) Shell

You should now see a prompt like:

[2.1-Release][route@pfSense.localdomain]/root(1):

Type the following commands:

```
pfctl -d
route add default 10.10.N.254
```

Normally you wouldn't need to do these commands as you'd access the firewall from the internal network.

6   Restart the webConfigurator

Choose Option 11) start webConfigurator

7   Connect to the web interface

https://10.10.N.253

Use the username: admin and password: pfsense