

## PF – port redirection failure

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Hi all !

I am in a big trouble... since this morning I am trying to solve this proble. If someone could help me,. it would be really appreciated....

**Situation:**

Internal network NATed through an Openbsd 3.0 gateway, with some internal services which need to be redirected through the gateway (pf is used). The NAT is working well from the inside point of view, and the external port redirection from 7100 to internal 22 is working.

**Problem:**

The 8888 external port redirection is not working (should point to an internal machine web server port 8080).

**Question:**

Why is the ssh redirection working ? But not the web redirection ?

There are more informations further in this message...

Thank you for reading !

.Antonio F

```
=====nat.conf=====
```

```
#internal: rl0
```

```
#external: xl0
```

```
#NAT
```

```
nat on xl0 from 192.168.111.0/24 to any -> 194.212.231.110
```

```
#Redirects
```

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rdr on xl0 from any to any port 8888 -> 192.168.1.21 port 8080  
rdr on xl0 from any to any port 7100 -> 192.168.1.21 port 22

=====

=====pf.conf=====

```
nonRoutableIp="{ 127.0.0.1/8, 192.168.0.0/16, 172.16.0.0/12, 10.0.0.0/8}"  
ifInternal="rl0"  
ifExternal="xl0"  
netInternal="192.168.1.0/24"  
gate="194.212.231.110/32"
```

```
scrub in on $ifExternal all  
pass out quick on lo0 all  
pass in quick on lo0 all
```

```
### Protection spoofing  
block in log quick on $ifExternal from $nonRoutableIp to any  
block out log quick on $ifExternal from any to $nonRoutableIp
```

```
### Services  
pass in quick on $ifExternal inet proto tcp from any to any port = 22  
flags S keep state  
pass in log quick on $ifExternal inet proto { tcp, udp } from any to any  
port = 8888 flags S  
keep state  
pass in log quick on $ifExternal inet proto tcp from any to any port = 7100  
flags S keep st  
ate
```

```
### Defaults  
block in quick on $ifExternal from any to any  
pass out quick on $ifExternal from $gate to any keep state
```

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