Remove internal broadcast entries from firewall logs

First of all to thank the IPFire development team for this wonderful software.

My first installation was flawless, and I use an old small laptop as the IPFire device. I live in a huge old building with 170 apartments, that has a small computer room at the end of a fiber optic connection.

No problems with the IPFire setup and operation (thank you again), but two days later when I went to check the

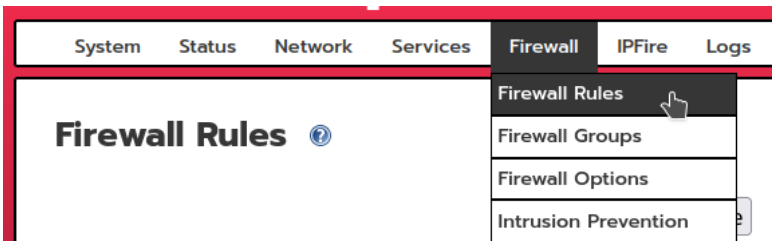
Firewall log

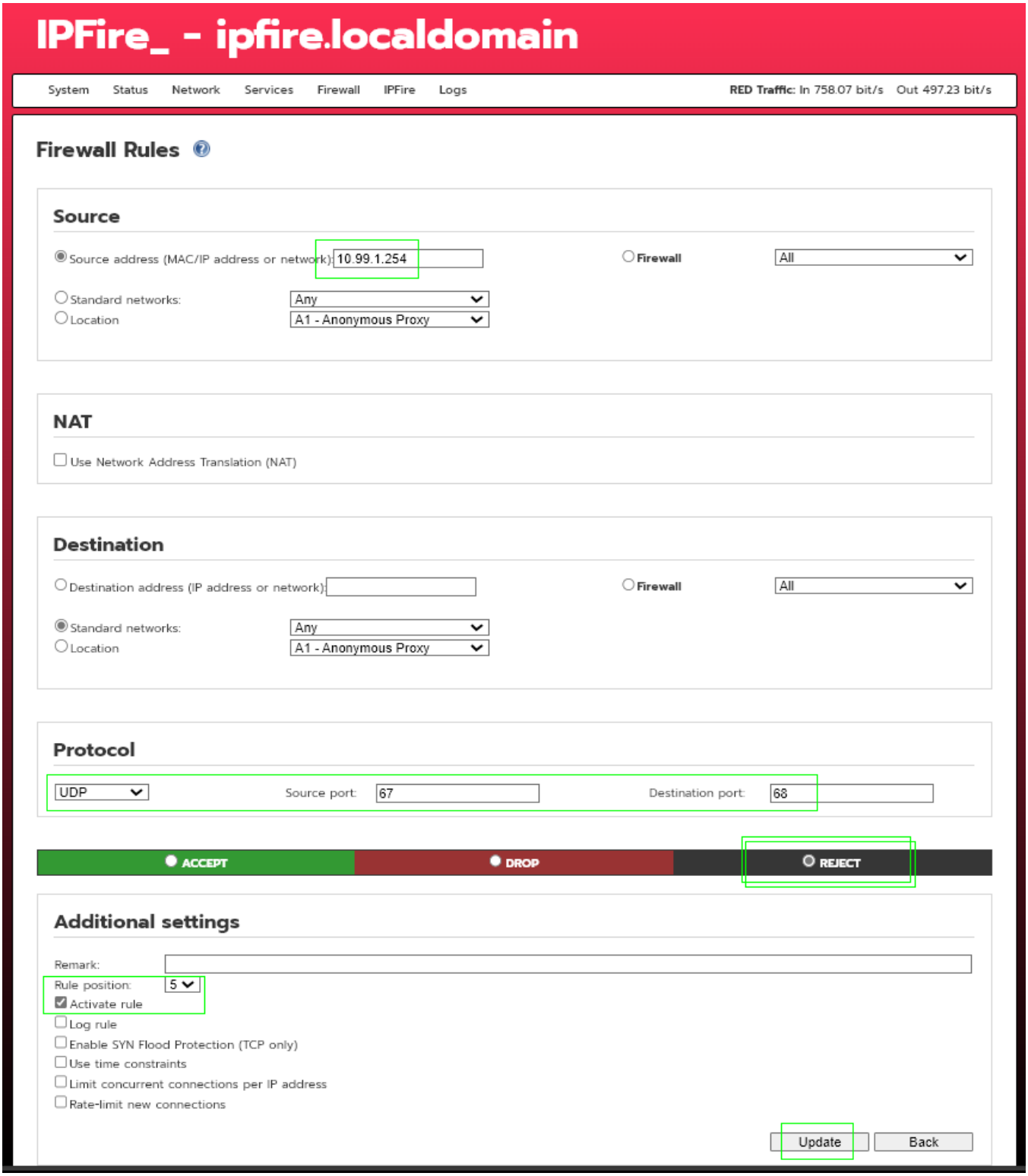
I found that 4 internal network devices of the provider were broadcasting endlessly in the internal network of the building, giving me about 5000 entries like these per day.

Time	Chain	Iface	Proto	Source Destination	Src Port Dst Port	Country	MAC Address
16:50:11	DROP_INPUT	red0	UDP	10.99.1.254 255.255.255.255	67(BOOTPS) 68(BOOTPC)		74: :d1

This is how I filtered these entries out, because we want to see (and clearly see) only the important things in the firewall log.

A rule was carefully created for each of the 4 entries, as seen below. (See the green boxes.)

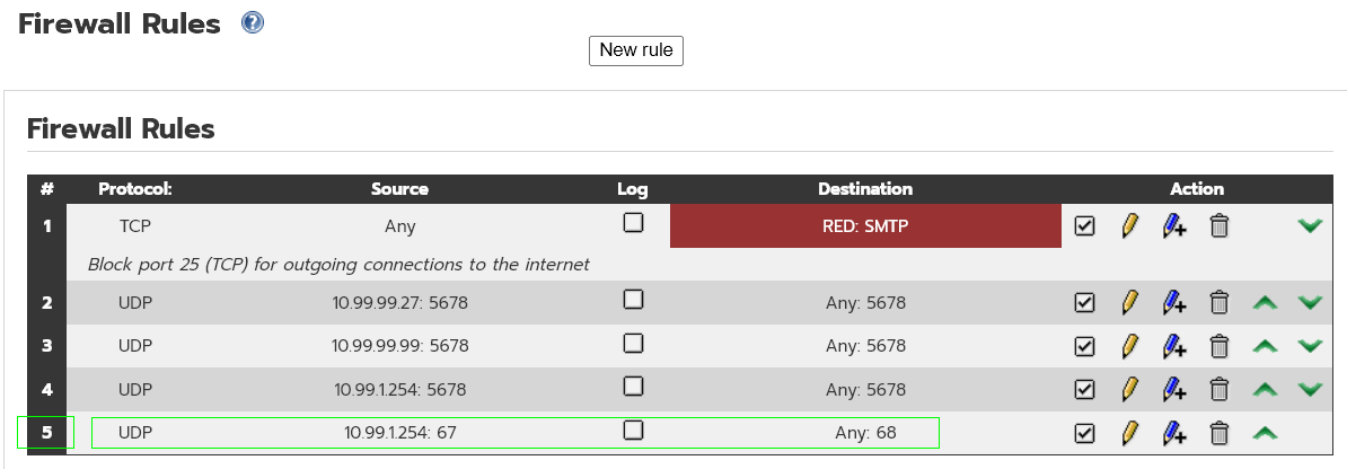



IPFire_ - ipfire.localdomain
System Status Network Services Firewall IPFire Logs
RED Traffic: In 758.07 bit/s Out 497.23 bit/s
Firewall Rules
Source
Source address (MAC/IP address or network): 10.99.1.254
Firewall All
Standard networks: Any
Location A1 - Anonymous Proxy
NAT
Use Network Address Translation (NAT)
Destination
Destination address (IP address or network):
Firewall All
Standard networks: Any
Location A1 - Anonymous Proxy
Protocol
UDP
Source port: 67
Destination port: 68
ACCEPT
DROP
REJECT
Additional settings
Remark:
Rule position: 5
Activate rule
Log rule
Enable SYN Flood Protection (TCP only)
Use time constraints
Limit concurrent connections per IP address
Rate-limit new connections
Update
Back

and..


Firewall Rules
New rule
Apply changes

After applying the changes, the new rule is listed in the firewall rules page. And looks like this.



It works flawlessly, I checked it for a month.

I hope this will help many others to enjoy clean and meaningful firewall logs.