

## pfSense - Bug #4274

### Marking a packet with only a number results in a broken rule

01/24/2015 06:37 AM - Jonathan Dieter

<b>Status:</b>	Resolved	<b>Start date:</b>	01/24/2015
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Ermal Luçi	<b>% Done:</b>	100%
<b>Category:</b>	Rules / NAT	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2.2.1	<b>Affected Version:</b>	2.2
<b>Plus Target Version:</b>		<b>Affected Architecture:</b>	
<b>Release Notes:</b>	Default		

#### Description

I have a lot of floating rules used to mark packets with a number that I then catch later to do traffic shaping. This has worked perfectly in 2.0 and 2.1, but when I upgraded to 2.2, I started getting this message:

```
[ There were error(s) loading the rules: /tmp/rules.debug:326: syntax error - The line in question reads [326]: match in quick on { em0 } inet from $Servers to any tag 18 tracker 1422096771 label USER_RULE: Servers other]
```

Where \$Servers is an alias for a couple of IP ranges. Removing the mark in Advanced Options makes the rule work (though obviously that screws up my traffic shaping).

I don't know if this has something to do with the fact that my tags are numbers.

#### Associated revisions

##### Revision 6a2f0ad7 - 01/28/2015 04:01 PM - Ermal Luçi

Fixes #4274 same fix as #4302 enclose in double quotes to tell yacc this is a string to be parsed.

##### Revision 1fbae628 - 01/28/2015 04:01 PM - Ermal Luçi

Fixes #4274 same fix as #4302 enclose in double quotes to tell yacc this is a string to be parsed.

#### History

##### #1 - 01/24/2015 06:39 AM - Jonathan Dieter

Sorry, just realized I didn't list this as applying to 2.2 and it doesn't seem that I'm able to change it now.

##### #2 - 01/28/2015 07:29 AM - Jim Pingle

- Subject changed from *Unable to mark packet with number in floating rule in pfSense 2.2* to *Marking a packet with only a number results in a broken rule*

- Category set to *Rules / NAT*

- Status changed from *New* to *Confirmed*

- Assignee set to *Ermal Luçi*

- Target version set to *2.2.1*

- Affected Version set to *2.2*

Confirmed. If you place a purely numerical value in the "You can mark a packet matching this rule and use this mark to match on other NAT/filter rules. It is called Policy filtering" advanced option, the resulting rule generates an error from pf.

You can place a text value ("foo"), or a value that starts with text ("foo18") or ends with text ("18foo"), but not one that is purely numerical ("18").

##### #3 - 01/28/2015 04:00 PM - Ermal Luçi

- Status changed from Confirmed to Feedback

**#4 - 01/28/2015 04:20 PM - Ermal Luçi**

- % Done changed from 0 to 100

Applied in changeset [6a2f0ad75063b9a0068b0a1983fb61fe3b408920](#).

**#5 - 01/28/2015 04:20 PM - Ermal Luçi**

Applied in changeset [1fbae628c24e8259dc2ddb3f610c78b4dad45a34](#).

**#6 - 02/02/2015 03:55 AM - Jonathan Dieter**

Just wanted to say I've verified this works. Thanks so much for the quick response.

**#7 - 03/03/2015 12:25 AM - Chris Buechler**

- Status changed from Feedback to Resolved

fixed