pfSense - Bug #4302

Several DSCP choices are non-functional and result in a broken ruleset

01/26/2015 01:22 PM - Jim Pingle

Status:	Resolved		**Start date:**	01/26/2015
Priority:	High		**Due date:**	
Assignee:	Ermal Luçi		**% Done:**	100%
Category:	Traffic Shaper (ALTQ)		**Estimated time:**	0.00 hour
Target version:	2.2.1			
Plus Target Version:			**Affected Version:**	2.2
Release Notes:	Default		**Affected Architecture:**	

Description

Several DSCP choices are non-functional in pfSense 2.2 rules and when chosen, they result in a broken ruleset that will not load. The same list was available in pfSense 2.1.x and had been working, so users that had certain DSCP choices active on 2.1.x may have a broken ruleset post-upgrade.

I tested all of the available DSCP choices and below are the results. The first text is the GUI choice, if there is an item in parenthesis afterwards, that is the value that is put into the ruleset, not the same as the GUI choice.

af11 - OK
af12 - OK
af13 - OK
af21 - OK
af22 - OK
af23 - OK
af31 - OK
af32 - OK
af33 - OK
af41 - OK
af42 - OK
af43 - OK
VA (44) - Fail -- Works if you use "VA" bare in the ruleset, not 44.
EF - OK
cs1 (8) - Fail
cs2 (16) - Fail
cs3 (24) - Fail
cs4 (32) - Fail
cs5 (40) - Fail
cs6 (48) - Fail
cs7 (56) - Fail
0x01 - OK
0x02 - OK
0x04 - OK

In particular, none of the class selector (CS) choices work.

Associated revisions

Revision 17b3a068 - 01/28/2015 03:53 PM - Ermal Luçi

Apparently yacc became more strict in FreeBSD 10. Fixes #4302

Revision 1abdf80b - 01/28/2015 03:55 PM - Ermal Luçi

Apparently yacc became more strict in FreeBSD 10. Fixes #4302

History

#1 - 01/26/2015 01:25 PM - Jim Pingle

- Description updated

- Status changed from New to Confirmed

#2 - 01/28/2015 02:40 PM - Ermal Luçi

This is related to [#2998](#2998) and i do not see anything different in 2.2 in comparison to 2.1?

Probably even 2.1 it did not work.

#3 - 01/28/2015 02:43 PM - Jim Pingle

The same rule does not break pf on a pfSense 2.1 install, so it's definitely an issue with 2.2

#4 - 01/28/2015 03:54 PM - Ermal Luçi

- Status changed from Confirmed to Feedback

#5 - 01/28/2015 04:00 PM - Ermal Luçi

- % Done changed from 0 to 100

Applied in changeset 17b3a06878f3664abb7f745a08ab19fc2c58bbba.

#6 - 01/28/2015 04:00 PM - Ermal Luçi

Applied in changeset 1abdf80b2d4abaf7fb0238ae21d554603149619e.

#7 - 03/03/2015 12:46 AM - Chris Buechler

- Status changed from Feedback to Resolved

fixed