

pfSense Packages - Feature #11102

Include a dictionary for mpd5 in Freeradius

11/25/2020 10:46 AM - Steve Wheeler

Status:	Resolved	Start date:	11/25/2020
Priority:	Normal	Due date:	
Assignee:	Viktor Gurov	% Done:	0%
Category:	FreeRADIUS	Estimated time:	0.00 hour
Target version:			
Plus Target Version:			

Description

In order to pass mpd specific attributes from Freeradius to, for example, provide rate limits to PPPoE clients a dictionary file needs to exist defining them.

Adding /usr/local/share/freeradius/dictionary.mpd

```
#-----
# dictionary.mpd

VENDOR      mpd      12341

BEGIN-VENDOR      mpd

ATTRIBUTE mpd-rule      1      string
ATTRIBUTE mpd-pipe      2      string
ATTRIBUTE mpd-queue     3      string
ATTRIBUTE mpd-table     4      string
ATTRIBUTE mpd-table-static      5      string
ATTRIBUTE mpd-filter     6      string
ATTRIBUTE mpd-limit      7      string
ATTRIBUTE mpd-input-octets      8      string
ATTRIBUTE mpd-input-packets      9      string
ATTRIBUTE mpd-output-octets     10     string
ATTRIBUTE mpd-output-packets   11     string
ATTRIBUTE mpd-link      12     string
ATTRIBUTE mpd-bundle     13     string
ATTRIBUTE mpd-iface      14     string
ATTRIBUTE mpd-iface-index    15     integer
ATTRIBUTE mpd-input-acct    16     string
ATTRIBUTE mpd-output-acct   17     string
ATTRIBUTE mpd-action       18     string
ATTRIBUTE mpd-peer-ident    19     string
ATTRIBUTE mpd-iface-name    20     string
ATTRIBUTE mpd-iface-descr   21     string
ATTRIBUTE mpd-iface-group   22     string
ATTRIBUTE mpd-drop-user     154     integer

END-VENDOR      mpd
#-----
```

Then adding the line:

```
$INCLUDE dictionary.mpd
```

to /usr/local/share/freeradius/dictionary

Should allow that.

See: <https://forum.netgate.com/topic/141034/rate-limit-on-radius-reply-attributes-for-pppoe-connections-not-working>

I note that though this was created and suggested in the Freeradius lists on 2009 it does not appear to have been added:
<http://lists.freeradius.org/pipermail/freeradius-devel/2009-July/004732.html>

And the Enterprise code 12341 seems unrelated. Still an outstanding issue here:
<https://sourceforge.net/p/mpd/discussion/44692/thread/0271b9c0/>

History

#1 - 11/26/2020 12:05 AM - Viktor Gurov

https://gitlab.netgate.com/pfSense/FreeBSD-ports/-/merge_requests/11

#2 - 11/30/2020 08:18 AM - Jim Pingle

- Status changed from New to Pull Request Review
- Target version deleted (Future)

#3 - 01/08/2021 10:45 AM - Renato Botelho

- Status changed from Pull Request Review to Feedback
- Assignee set to Viktor Gurov

PR has been merged. Thanks!

#4 - 01/23/2021 08:35 AM - Viktor Gurov

- Status changed from Feedback to Resolved

dictionary.mpd is included