

## pfSense - Feature #1932

### Captive Portal add RADIUS attributes for traffic quotas

10/06/2011 12:55 PM - Dim Hatz

<b>Status:</b>	Resolved	<b>Start date:</b>	10/06/2011
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Captive Portal	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Description</b>			
<p>AFAIK pfsense NAS recognizes the WISPr RADIUS attributes such as WISPr-Bandwidth-Max-Up WISPr-Bandwidth-Max-Down In certain deployments it would be helpful to also have traffic limits.</p> <p>Could consider adding custom RADIUS attributes, similar to what some other NAS provide e.g.</p> <p>Chillispot <a href="http://www.chillispot.info/features.html">http://www.chillispot.info/features.html</a> ChilliSpot-Max-Input-Octets Maximum number of octets the user is allowed to transmit. After this limit has been reached the user will be disconnected. ChilliSpot-Max-Output-Octets Maximum number of octets the user is allowed to receive. After this limit has been reached the user will be disconnected. ChilliSpot-Max-Total-Octets Maximum number of octets the user is allowed to transfer (sum of octets transmitted and received). After this limit has been reached the user will be disconnected.</p> <p>Mikrotik <a href="http://wiki.mikrotik.com/wiki/Manual:RADIUS_Client">http://wiki.mikrotik.com/wiki/Manual:RADIUS_Client</a> Mikrotik-Recv-Limit - total receive limit in bytes for the client Mikrotik-Recv-Limit-Gigawords - 4G (2^32) bytes of total receive limit (bits 32..63, when bits 0..31 are delivered in Mikrotik-Recv-Limit) Mikrotik-Xmit-Limit - total transmit limit in bytes for the client Mikrotik-Xmit-Limit-Gigawords - 4G (2^32) bytes of total transmit limit (bits 32..63, when bits 0..31 are delivered in Mikrotik-Recv-Limit)</p> <p>(Note: Various other examples are available in FreeRadius' dictionary directory)</p>			

#### Associated revisions

**Revision 366810df - 06/25/2009 02:29 AM - Chris Buechler**

Patch from Aarno Aukia for cvstrac ticket #1932

**Revision 991ad577 - 06/25/2009 02:36 AM - Chris Buechler**

Patch from Aarno Aukia for cvstrac ticket #1932

#### History

**#1 - 01/06/2012 05:25 PM - Josep Pujadas**

CoovaChilli is an open-source software access controller, based on the popular (but now defunct) ChilliSpot project, and is actively maintained by an original ChilliSpot contributor.

<http://www.coova.org/CoovaChilli>

It has a FreeBSD port, <http://www.freebsd.org/cgi/ports.cgi?query=chilli&stype=all>

Regards,

Josep Pujadas

**#2 - 07/08/2012 03:59 PM - Alexander Wilke**

CaptivePortal is sending these four attributes:

Acct-Input-Octets  
Acct-Output-Octets  
Acct-Input-Gigawords  
Acct-Output-Gigawords

So it is up to the backend (freeradius and/or (mysql) database) to use these attributes/data in the way you want.  
freeradius2 package on pfsense is able to do that. pfsense 2.1 is now sending the correct accounting bytes (2.0.x didn't).

**#3 - 02/06/2016 04:57 AM - Chris Buechler**

- *Category set to Captive Portal*

**#4 - 07/18/2018 07:12 AM - A FL**

Pull request <https://github.com/pfsense/pfsense/pull/3453> has been implemented

This issue can be marked as resolved

**#5 - 07/18/2018 07:14 AM - Jim Pingle**

- *Status changed from New to Resolved*