

## pfSense - Feature #385

### Reverse captive portal

02/26/2010 03:05 AM - Chris Buechler

<b>Status:</b>	New	<b>Start date:</b>	02/26/2010
<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>			
It would be nice to be able to "reverse" captive portal, i.e. force users on the Internet to authenticate to the firewall via a web page before accessing services behind the firewall.			

#### History

##### #1 - 02/26/2010 08:41 AM - Ermal Luçi

What does prevent one to run CP on WAN interface? (especially on 2.0)

##### #2 - 02/26/2010 01:39 PM - Chris Buechler

It's fine to run on WAN, but it wouldn't do what's described here, it would block all reply traffic on outbound Internet requests, and can't be specific enough to restrict to one or several particular hosts or ports.

##### #3 - 02/27/2010 05:13 AM - Ermal Luçi

Well i need a definition of what reverse CP is to see what it takes to implement this.

##### #4 - 12/15/2010 10:20 PM - Yehuda Katz

I just brought this up on the forum this week (<http://forum.pfsense.org/index.php/topic.31079.0.html>)

Regular users log into a page on the firewall and choose which server/services they want and how long they want it for. The web page would add a firewall exception for the specified information for the client IP address. (Administrators could add for other IPs too.)

Does that help?

I am going to look into writing it myself, but I am watching this space and that forum topic if anyone has ideas.

##### #5 - 12/17/2010 06:29 PM - Ermal Luçi

Well there is a possibility to add an ipfw rule with direction out and keep-state to provision this!?

##### #6 - 01/01/2011 07:30 AM - H. H.

Thats a feature I missed on pfsense too. I know very well the watchguard solution:

A small webserver (https) at the firewall sends a Java applet to the user to enter name and password. Encrypted by the Java applet, transferred to the firewall its used for verification against the authentication database defined in its configuration. A successfull authenticated user can use all services based on his group membership -- the group membership is used by filter rules where the IP of the authenticated user is temporary added. As long he keeps open the browser window with the logon applet he is autenticated. If its closed or network connection is lost, a few minutes later the IP is removed from the filter rules ...

It's a really nice feature to protect services from outside because no special client is needed.

Hope it helps to find a solution ...

**#7 - 02/08/2013 04:56 PM - P S**

Has there been any more activity on this feature request? I would love to use pfSense with the described functionality: I want to restrict remote access to my network without requiring users to establish a full-blown VPN connection. Instead they should only be required to authenticate on a webpage before the firewall is opened up for them...

**#8 - 08/13/2019 12:23 PM - Jim Pingle**

- *Category set to Captive Portal*