

pfSense Packages - Bug #10749

squid + captive portal authentication not working

07/10/2020 06:35 AM - Viktor Gurov

Status:	New	Start date:	07/10/2020
Priority:	Normal	Due date:	
Assignee:	Viktor Gurov	% Done:	0%
Category:	Squid	Estimated time:	0.00 hour
Target version:		Affected Architecture:	
Affected Version:			

Description

<https://forum.netgate.com/topic/155148/squid-captive-portal-authentication>:

Since the last update (2.4.5-RELEASE-p1), i can't get to work my squid with Captive Portal authentication. If i enable it, all request on internet show "Access denied", HTTP or HTTPS. When i disable authentication on squid conf, Internet browsing is OK. Someone have the same problem?

After enabling Captive Portal authentication, I can helper error on each connection attempt:

```
2020/07/10 14:29:11 kid1| Starting Squid Cache version 4.10 for amd64-portbld-freebsd12.1...
2020/07/10 14:29:11 kid1| Service Name: squid
2020/07/10 14:29:14 kid1| WARNING: check_cp #Hlpr1 exited
2020/07/10 14:29:14 kid1| ERROR: The check_cp helpers are crashing too rapidly, need help!
2020/07/10 14:29:15 kid1| WARNING: check_cp #Hlpr2 exited
2020/07/10 14:29:15 kid1| ERROR: The check_cp helpers are crashing too rapidly, need help!
```

Seems Squid 4 issue,
but changing external_acl_type to the correct format (%>a instead of %SRC, see
http://www.squid-cache.org/Doc/config/external_acl_type/), doesn't help

'echo "192.168.1.10" | /usr/local/bin/check_ip.php' works fine

History

#1 - 07/11/2020 07:46 AM - Christophe PLUMEL

I have same problem (WPAD + explicit Squid with Captive Portal authentication) since I update pfSense to 2.4.5 and squid package to 0.4.44_28
Everything works perfectly before update

Symptom : no user authentication in Squid and access denied (TCP_DENIED/403).

I've tried a lot of things but nothing work, it's not a network setting problem.

I hope someone will find a solution! :)

#2 - 10/20/2020 05:47 AM - Bruno Le Fellic

Hello,

I have the same problem on a fresh new installation with versions :

- pfSense 2.4.4-RELEASE-p1
- Squid 0.4.44_32

The authenticated user is seen as Logged in page "Status > Capture Portal". It get always 403 error except for domains in ACLs whitelist of squid config.

Regards,

Bruno

#3 - 10/23/2020 06:00 AM - Brendan Gallagher

It appears that squid is passing an extra "-" after the ip address to check_ip.php
e.g. 10.10.10.10 -
I am not proficient in modifying the squid config file so my workaround was to modify check_ip.php
replace
`$check_ip = trim(fgets(STDIN));`
with
`$check_ip = preg_replace('/^[^d{1,3}\.d{1,3}\.d{1,3}\.d{1,3}]/', '', fgets(STDIN));`
Not sure if it will work in all cases but it seems to work for me.

#4 - 10/23/2020 10:29 AM - Viktor Gurov

Fixes/improvements in this PR:
- Regexp for STDIN
- Checks all enabled CP DBs
- Checks if client's IP is in 'Allowed IP Addresses' list

https://gitlab.netgate.com/pfSense/FreeBSD-ports/-/merge_requests/3

#5 - 10/23/2020 10:36 AM - Jim Pingle

- Status changed from New to Pull Request Review

#6 - 10/23/2020 10:50 AM - Renato Botelho

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

PR merged. Thanks!

#7 - 10/24/2020 12:35 AM - Viktor Gurov

- Status changed from Feedback to Resolved

pfSense-pkg-squid 0.4.44_34
works as expected

<https://github.com/pfsense/FreeBSD-ports/commit/7d4ffb8ea5f1798bb8870f033498ca4d28561142#diff-ffa6cc7087bd0e130ddf7be51db1a66fe724a0f8df2d4863e0f11a0c6aad2f9>

#8 - 10/24/2020 03:10 AM - Viktor Gurov

- Status changed from Resolved to New

small improvement - Use IP as username for allowedip hosts:
https://gitlab.netgate.com/pfSense/FreeBSD-ports/-/merge_requests/4

#9 - 10/26/2020 07:17 AM - Renato Botelho

- Status changed from New to Feedback

Viktor Gurov wrote:

small improvement - Use IP as username for allowedip hosts:

https://gitlab.netgate.com/pfSense/FreeBSD-ports/-/merge_requests/4

Merged. Thanks!

#10 - 12/03/2020 10:21 AM - Viktor Gurov

- *Status changed from Feedback to New*

'The check_cp helpers are crashing too rapidly' fix:

https://gitlab.netgate.com/pfSense/FreeBSD-ports/-/merge_requests/13