

pfSense - Bug #6874

Dynamic DNS w/ DNSimple

10/24/2016 01:34 AM - Michael Lustfield

Status:	Resolved	Start date:	10/24/2016
Priority:	Normal	Due date:	
Assignee:	Renato Botelho	% Done:	100%
Category:	Dynamic DNS	Estimated time:	0.00 hour
Target version:	2.4.0	Affected Architecture:	
Affected Version:	2.3.2		

Description

Around line 1380 in src/etc/inc/dyndns.class is a chunk of code that looks like this:

```
        case 'dnsimple':
            /* Responds with HTTP 200 on success.
             * Responds with HTTP 4xx on error.
             * Returns JSON data as body */
            $header_size = curl_getinfo($ch, CURLINFO_HEADER_SIZE);
            $header = substr($data, 0, $header_size);
            $body = substr($data, $header_size);
            if (preg_match("/Status: 200\s/i", $header)) {
                $status = $status_intro . $success_str . gettext("IP Address Updated Successfully!");
                $successful_update = true;
            } else if (preg_match("/Status: 4\d\d\s/i", $header)) {
```

The problem is right about if (preg_match("/Status: 200\s/i", \$header)) { which is correctly checking the response.

The actual response header looks like this:

```
HTTP/1.1 200 OK^M Server: nginx^M Date: Mon, 24 Oct 2016 06:13:15 GMT^M Content-Type: application/json; charset=utf-8^M Transfer-Encoding: chunked^M Connection: keep-alive^M Access-Control-Allow-Origin: *^M Access-Control-Allow-Headers: Authorization,Accepts,Content-Type,X-DNSimple-Token,X-DNSimple-Domain-Token,X-CSRF-Token,x-requested-with^M Access-Control-Allow-Methods: GET,POST,PUT,DELETE,OPTIONS^M ETag: W/"e3e8e39eaf0ef8783c19b83ab439b367"^M Cache-Control: max-age=0, private, must-revalidate^M X-Request-Id: 4f8ab086-79b0-423b-8119-d146cd1baf2c^M X-Runtime: 0.041082^M X-Content-Type-Options: nosniff^M X-Download-Options: noopen^M X-Frame-Options: DENY^M X-Permitted-Cross-Domain-Policies: none^M X-XSS-Protection: 1; mode=block^M Strict-Transport-Security: max-age=31536000^M ^M
```

I changed it to if (preg_match("/200\sOK\s/i", \$header)) { and it's working fine.

It'd be nice if this were updated to work with v2 of their API, but I'd be happy if that change made it into the next release.

History

#1 - 10/24/2016 05:35 PM - Christoph FilnköBI

I stumbled on to the same problem just now when implementing a new dyndns provider. The code was wrong for both the 200 and 4xx response codes.

Additionally the header wasn't even provided so it couldn't have worked either way.

I submitted a pull request that fixes the header usage and DNSimple:

<https://github.com/pfsense/pfsense/pull/3206>

#2 - 10/25/2016 10:49 AM - Renato Botelho

- *Status changed from New to Feedback*
- *Assignee set to Renato Botelho*
- *Target version set to 2.4.0*
- *% Done changed from 0 to 100*

PR has been merged, thanks!

#3 - 01/18/2017 12:28 PM - Jim Pingle

- *Status changed from Feedback to Resolved*

Tested, works. Error and success conditions are logged properly.