

pfSense - Bug #10362

Error renewing cert if SAN contains IP Address

03/20/2020 01:17 AM - Viktor Gurov

Status:	Resolved	Start date:	03/20/2020
Priority:	Normal	Due date:	
Assignee:	Renato Botelho	% Done:	100%
Category:	Certificates	Estimated time:	0.00 hour
Target version:	2.5.0	Affected Version:	2.5.0
Plus Target Version:		Affected Architecture:	
Release Notes:	Default		

Description

example SAN: DNS:tkWAN2, IP Address:10.123.123.4

If I try to renew it, I get the message 'Error renewing Certificate' and:

PHP Errors:

```
PHP Warning: in_array() expects parameter 2 to be array, null given in /etc/inc/certs.inc on line 1658
```

```
PHP Warning: openssl_csr_new(): Error loading extensions_section section server_san of /etc/ssl/openssl.cnf in /etc/inc/certs.inc on line 1682
```

```
PHP Warning: openssl_csr_new(): Error loading extensions_section section server_san of /etc/ssl/openssl.cnf in /etc/inc/certs.inc on line 1682
```

pfSense 2.5.0.a.20200319.0930

Associated revisions

Revision 3fdd559e - 03/20/2020 04:43 AM - Viktor Gurov

Renew cert with IP Address SAN. Issue #10362

History

#1 - 03/20/2020 04:47 AM - Viktor Gurov

[https://www.openssl.org/docs/manmaster/man5/x509v3_config.html#Subject-Alternative-Name:](https://www.openssl.org/docs/manmaster/man5/x509v3_config.html#Subject-Alternative-Name)

The subject alternative name extension allows various literal values to be included in the configuration file. These include email (an email address) URI a uniform resource indicator, DNS (a DNS domain name), RID (a registered ID: OBJECT IDENTIFIER), IP (an IP address), dirName (a distinguished name) and otherName

Correct SAN is **IP**, not **IP Address**

Fix:

<https://github.com/pfsense/pfsense/pull/4244>

#2 - 03/20/2020 07:46 AM - Jim Pingle

- Status changed from New to Pull Request Review

#3 - 03/20/2020 07:58 AM - Renato Botelho

- Status changed from Pull Request Review to Feedback

- Assignee set to Renato Botelho

- % Done changed from 0 to 100

PR has been merged. Thanks!

#4 - 03/22/2020 02:11 PM - Viktor Gurov

- Status changed from Feedback to Resolved

renewing is OK on 2.5.0.a.20200321.2101