

pfSense - Feature #5602

OpenVPN - certificate purpose validation required

12/05/2015 09:10 AM - Kill Bill

Status:	Resolved	Start date:	12/05/2015
Priority:	Very Low	Due date:	
Assignee:	Jim Pingle	% Done:	100%
Category:	OpenVPN	Estimated time:	0.00 hour
Target version:	2.3	Release Notes:	Default
Plus Target Version:			

Description

Way too many threads every week with users posting about "my OpenVPN does not work", boiling down to

```
error=unsupported certificate purpose
```

I can see `cert_get_purpose()` in `certs.inc`, this or some similar function should be used to validate the OpenVPN server/client configuration before letting users save it.

Associated revisions

Revision 0e9d4a6d - 12/07/2015 09:18 AM - Jim Pingle

Prioritize and separate server certs for OpenVPN servers to make it more clear they should be using certificates created as Server certificates for this purpose -- it's still valid to use non-server certs but it's not what most people intend to do. Ticket #5602

Revision b2f154ac - 12/07/2015 09:28 AM - Jim Pingle

Fix this test. Ticket #5602

Revision a4ba0282 - 12/10/2015 10:37 AM - Steve Beaver

Fixed #5602 by dynamically updating the help text based on the cert selected.

History

#1 - 12/05/2015 09:15 AM - Jim Pingle

The problem with that is that it's not technically a requirement to use a server cert -- it's only required if the clients verify the server certificate type (which the export package does)

So we could be better about highlighting which certs are server certs (perhaps listing them first or styling them in some way) but we unfortunately we can't stop listing non-server certs there or it could break some setups.

We could also have the export package test the server cert type and omit the directive if they didn't use one, but I'd rather not encourage that practice too much.

#2 - 12/06/2015 03:10 PM - Jim Thompson

- Tracker changed from Bug to Feature

- Assignee set to Jim Pingle

#3 - 12/07/2015 09:13 AM - Jim Pingle

- Assignee changed from Jim Pingle to Steve Beaver
- Priority changed from Normal to Very Low
- % Done changed from 0 to 80

I pushed a change to separate, identify, and prioritize the servers in the list of certificates on the page. Passing this off to Steve Beaver since he had an idea for printing a pretty warning if they pick the wrong kind.

I'll also look into adding a warning to the OpenVPN client export package in the meantime.

Lowering the priority since the formatting isn't a huge concern now that the rest of the work has been done.

#4 - 12/10/2015 10:30 AM - Steve Beaver

- Status changed from New to Feedback
- Assignee changed from Steve Beaver to Jim Pingle

Dynamically update the help text based on the cert selected.

#5 - 12/10/2015 10:40 AM - Steve Beaver

- % Done changed from 80 to 100

Applied in changeset [a4ba0282e6cba7916e3955f2d44da9a902f80587](#).

#6 - 12/10/2015 01:41 PM - Jim Pingle

- Status changed from Feedback to Resolved

Looks great, should hopefully be obvious enough to make people realize they did something incorrectly. :-)