pfSense - Bug #4794

Handling of ASN1.DN values for RSA IPsec during upgrades from previous versions

06/27/2015 10:17 PM - Jorge Albarenque

Status:	Resolved		**Start date:**	06/27/2015
Priority:	Normal		**Due date:**	
Assignee:	Renato Botelho		**% Done:**	100%
Category:	Upgrade		**Estimated time:**	0.00 hour
Target version:	2.2.4			
Plus Target Version:			**Affected Version:**	2.2.x
Release Notes:	Default		**Affected Architecture:**	

Description

The certificate CNs are interpreted differently by raccoon and strongSwan, for example:

raccoon:
C=US, ST=Whatever, L=Springfield, O=Springfield Power Plant/emailAddress=burns@powerplant.com,
CN=springfield.powerplant.com

strongSwan:
"C=US, ST=Whatever, L=Springfield, O=Springfield Power Plant, E=burns@powerplant.com, CN=springfield.powerplant.com"

So on upgrades from v2.1.x and before, some regex needs to be done on the ASN1DN field.

Also, the value needs to be surrounded in quotes, but be careful because if the identity prefix is provided, the prefix must be included within the quotes, eg: *rightid = "asn1dn:#whateverhexvalue..."*
This will depend on how the identity type prefixes are handled (related to bug 4792)

Associated revisions

Revision e4b7410b - 07/17/2015 07:51 AM - Renato Botelho

Fix #4794:

- Add a upgrade code to fix asn1dn string format to match strongSwan needs
- Bump config version to 11.8

Revision faaab088 - 07/17/2015 07:55 AM - Renato Botelho

Fix #4794:

- Add a upgrade code to fix asn1dn string format to match strongSwan needs
- Bump config version to 11.8

History

#1 - 07/02/2015 05:50 AM - Tobias Brunner

As I've recently explained on an Ubuntu bug report related to pfSense just adding identity type prefixes is not correct and will most likely not result in the intended result.

#2 - 07/14/2015 10:59 AM - Jim Thompson

- Assignee set to Renato Botelho

#3 - 07/17/2015 01:34 AM - Chris Buechler

- Status changed from New to Confirmed

Should be fine to s/\/emailAddress/, E/ on asn1dn when doing config upgrade from 2.1.5

#4 - 07/17/2015 08:00 AM - Renato Botelho

- Status changed from Confirmed to Feedback

- % Done changed from 0 to 100

Applied in changeset [e4b7410b9bc3622cee6797588a7d5a685d4d759e](e4b7410b9bc3622cee6797588a7d5a685d4d759e).

#5 - 07/17/2015 08:00 AM - Renato Botelho

Applied in changeset faaab0885d68e6422885e1c3d56985992e909474.

#6 - 07/17/2015 11:05 PM - Chris Buechler

- Status changed from Feedback to Resolved

works