

pfSense - Feature #6775

Strongswan PKCS#11 Support

09/07/2016 03:46 AM - Anonymous

Status:	Feedback	Start date:	09/07/2016
Priority:	Normal	Due date:	
Assignee:	Renato Botelho	% Done:	0%
Category:	IPsec	Estimated time:	0.00 hour
Target version:	2.5.0		
Description			
<p>We developed a Smart Cards based authentication of StrongSwan-IPsec-VPN peers. This already works on pfSense 2.2.6 by replacing the Strongswan version, but this does not work any longer on pfSense 2.3.X. The goal is using Smart Cards together with future pfSense versions. Therefore we need StrongSwan PKCS#11 support.</p> <p>Adding PKCS#11 support needs to be added during compilation/making the binary.</p> <p>It would help us a lot, if you put PKCS#11 support to StrongSwan within the next pfSense release.</p>			

Associated revisions

Revision 11f166d8 - 09/19/2019 08:00 AM - Renato Botelho

Ticket #6775: Enable strongswan pkcs11 plugin

History

#1 - 11/03/2016 06:55 PM - Jim Thompson

- Assignee set to Renato Botelho

<https://wiki.strongswan.org/projects/strongswan/wiki/PKCS11plugin>

no idea what this needs in the GUI, etc.

OP should contact me.

#2 - 09/11/2017 03:59 PM - Renato Botelho

- Target version changed from 2.4.0 to 2.4.1

#3 - 10/12/2017 09:59 AM - Jim Pingle

- Target version changed from 2.4.1 to 2.4.2

#4 - 10/23/2017 12:19 PM - Jim Pingle

- Target version changed from 2.4.2 to 2.4.3

#5 - 03/08/2018 02:39 PM - Jim Pingle

- Target version changed from 2.4.3 to 2.4.4

#6 - 08/14/2018 01:48 PM - Steve Beaver

- Target version changed from 2.4.4 to 48

#7 - 03/12/2019 10:54 AM - Jim Pingle

- Target version changed from 48 to 2.5.0

#8 - 09/19/2019 08:05 AM - Renato Botelho

- Status changed from New to Feedback

Plugin support was added to strongswan port on pfSense 2.5.0

I still don't know exactly what to do on GUI

#9 - 10/25/2019 09:14 AM - Viktor Gurov

Tested, with editing of ipsec.secrets, ipsec.conf and charon.conf
+ installing packages: ccid-1.4.30.tgz, opensc-0.19.0.tgz, psc-lite-1.8.24.2.tgz + dependencies
HowTo: <https://wiki.strongswan.org/projects/strongswan/wiki/SmartCards>

Works

pfSense 2.5.0.a.20191024.0021

need GUI options to select ID of certificate on token + PIN
and testing with different tokens

tested with Aktiv Rutoken ECP