

pfSense - Bug #3769

Only the first phase 2 entry is used when multiple entries are present for an IPsec tunnel in 2.2

07/23/2014 11:13 AM - Matthew Smith

Status:	Resolved	Start date:	07/23/2014
Priority:	High	Due date:	
Assignee:	Matthew Smith	% Done:	0%
Category:	IPsec	Estimated time:	0.00 hour
Target version:	2.2	Affected Architecture:	
Affected Version:	2.2		

Description

See the attached config.xml file. The ipsec phase 1 peers with ikeid's 2 and 3 are active. Each of them have 3 phase 2 associations configured. But strongswan isn't using all of them. On the SPD tab of Status -> IPsec, only the first phase 2 entry shows up for each tunnel. And the output of '/usr/local/sbin/ipsec status' only lists the first entry (the one with the 169.254.x.y addresses) as well:

```
[2.2-ALPHA][admin@vpn-test-endpoint2.staff.pfmechanics.com]/root(8): ipsec status
Security Associations (2 up, 0 connecting):
con2-27: ESTABLISHED 53 seconds ago, 192.207.126.12[192.207.126.12]...54.240.217.160[54.240.217.160]
con2-2{2}: INSTALLED, TUNNEL, ESP SPIs: c709827d_i f0ae3dac_o
con2-2{2}: 169.254.255.72/30|0 === 169.254.255.72/30|0
con2-2{2}: INSTALLED, TUNNEL, ESP SPIs: cbaffa4f_i 09a5af6c_o
con2-2{2}: 169.254.255.72/30|0 === 169.254.255.72/30|0
con3-38: ESTABLISHED 2 minutes ago, 192.207.126.12[192.207.126.12]...54.240.217.166[54.240.217.166]
con3-3{3}: INSTALLED, TUNNEL, ESP SPIs: c7c616ba_i 5166be21_o
con3-3{3}: 169.254.255.76/30|0 === 169.254.255.76/30|0
con3-3{3}: INSTALLED, TUNNEL, ESP SPIs: c34deb9b_i 2033bb6b_o
con3-3{3}: 169.254.255.76/30|0 === 169.254.255.76/30|0
```

See the attached ipsec.conf file.

Each of the entries for a particular phase 1 peer (3 entries for each of them) is getting created with the same name/label in /var/etc/ipsec/ipsec.conf. E.g. conn2-2, conn3-3. When I manually changed this and restarted ipsec, things worked as expected. The attached patch works to get the entries generated with unique names.

History

#1 - 07/23/2014 11:19 AM - Matthew Smith

pushed the patch to master. Will test in next snapshot.

#2 - 07/24/2014 08:52 AM - Matthew Smith

The change included in the next snapshot worked fine.

#3 - 07/29/2014 01:33 PM - Jim Thompson

- Assignee set to Matthew Smith

#4 - 08/18/2014 01:51 AM - Ermal Luçi

- Status changed from New to Feedback

This has been resolved since at least 12 days or more.

Can yo uplease try again with latest snapshot?

#5 - 10/13/2014 08:32 PM - Chris Buechler

- Status changed from Feedback to Resolved

fixed

Files

config-2_2-aws.xml	26.6 KB	07/23/2014	Matthew Smith
ipsec.conf	3.14 KB	07/23/2014	Matthew Smith
strongswan.patch	663 Bytes	07/23/2014	Matthew Smith