

pfSense - Feature #2766

status_openvpn.php needs IPv6 support

01/21/2013 04:46 AM - Chris Buechler

Status:	Resolved	Start date:	01/21/2013
Priority:	Normal	Due date:	
Assignee:	Jim Pingle	% Done:	100%
Category:	OpenVPN	Estimated time:	0.00 hour
Target version:	2.4.0		
Description			
status_openvpn.php needs IPv6 support, for instance to show the IPv6 assigned virtual address instead of just the v4 IP.			

Associated revisions

Revision ec970b50 - 01/21/2013 08:25 AM - Jim Pingle

Add routing table display for each OpenVPN ssl/tls server instance, collapsed by default. Part of feature #2766

Revision 39f245c8 - 01/21/2013 08:59 AM - Jim Pingle

A couple fixes for openvpn routing table display. Feature #2766

Revision 6f17547a - 01/01/2017 10:03 AM - Jim Pingle

Update OpenVPN SSL/TLS server status to reflect changes in OpenVPN 2.4. Ticket #2766

Revision cbfd0754 - 01/01/2017 10:59 AM - Jim Pingle

Add IPv6 virtual address to SSL/TLS client output, formatting corrections/enhancement for SSL/TLS client and server. Ticket #2766

Revision bffa3185 - 01/01/2017 11:23 AM - Jim Pingle

Show IPv6 for static key servers, too. Fixes #2766

Revision 9b3518d0 - 01/01/2017 11:49 AM - Jim Pingle

Print IPv6 addresses in the widget, too. Ticket #2766

Revision 2906d139 - 01/02/2017 11:17 AM - Jim Pingle

Fix printing of local/remote host in OpenVPN status for Client Instances. If the client was not connected it was printing a ":" and nothing else in the field which was odd/confusing. Ticket #2766

History

#1 - 01/21/2013 07:26 AM - Jim Pingle

- Assignee set to Jim Pingle

Doesn't look like the OpenVPN management interface reports this back in the status line as it does for others, at least for SSL/TLS I see no mention of the client's IPv6 IP in the CLIENT_LIST response. It does show in the ROUTING_TABLE responses but there is no way to distinguish the client's IPv6 IP in the responses from any other single IPv6 routed IP.

I checked status outputs 1, 2, and 3, no difference.

I'll have to check on static key and IPv6-native. If the above case is true, we may have to push this back to 2.2 and hope they address it upstream in the meantime, or patch it ourselves.

If nothing else, we could add the OpenVPN routing table output to the status page, as it does show what networks are routed to each connected user/common name. Not as clean/nice as seeing it on a single row though.

#2 - 01/22/2013 12:57 AM - Chris Buechler

if this is just something that isn't available in OpenVPN 2.3.0, then let's just move the target to 2.2.

#3 - 01/22/2013 09:53 AM - Jim Pingle

- Target version changed from 2.1 to 2.2

After poking some more there just isn't a way to get the info from the management interface that I can see. If you connect a tunnel up to an IPv6 peer the management interface just leaves the field blank in the output.

The routing table method will have to do for now.

#4 - 04/24/2014 11:15 AM - Jim Pingle

- Target version changed from 2.2 to 2.3

This still isn't entirely possible in the most current version of OpenVPN (2.3.3 as of this update) for mixed IPv4 and IPv6 setups. OpenVPN reports the IPv6 routes for the internal routing table OK, but it does not print the IPv6 address along with the IPv4 address in a mixed/dual setup. For IPv6 only clients it's OK.

Link to the OpenVPN Wiki article on IPv6 support in their management interface:

<http://community.openvpn.net/openvpn/wiki/IPv6SupportInManagementInterface>

Moving this off to a future version to revisit at a later time. The above link mentions a patch being reviewed, but the last update is 12 months ago.

#5 - 09/21/2015 06:32 PM - Chris Buechler

- Target version deleted (2.3)

still missing in most recent OpenVPN currently available, 2.3.8.

#6 - 11/11/2016 11:00 AM - Jim Pingle

Still missing in OpenVPN 2.3.12

#7 - 12/02/2016 02:04 PM - Jim Pingle

Still missing in OpenVPN 2.3.13

#8 - 01/01/2017 09:16 AM - Jim Pingle

- Target version set to 2.4.0

It's finally there in OpenVPN 2.4!

And since it's caused the status page to report fields incorrectly, it needs to come in for pfSense 2.4

#9 - 01/01/2017 11:30 AM - Jim Pingle

- Status changed from New to Feedback

- % Done changed from 0 to 100

Applied in changeset [bffa3185a63cbdd727701704d3b82abd7c61a78c](#).

#10 - 01/02/2017 11:19 AM - Jim Pingle

- *Status changed from Feedback to Resolved*

Works!