

Servers - Bug #1286

[winston] IPv6 is badly mis/not-configured; email issues

2017-04-14 06:20 PM - lukeshu

Status: confirmed	% Done: 90%
Priority: bug	
Assignee: lukeshu	
Category:	
Description proton.parabola.nu has no public IPv6 address, but it does have an IPv6 address via lvpn. So it thinks it has IPv6. So, when delivering an email, if it sees an AAAA record, it thinks that's a fine address to deliver to, but if it tries to connect, it will get "network unreachable". On the other hand, it might just happen to choose the A record, and everything is happy. So, SMTP servers that are accessible via both IPv4 and IPv6 intermittently have emails dropped.	
Related issues: Related to Servers - Bug #1269: Full IPv6 support not-a-bug 2017-03-29	

History

#1 - 2017-04-14 06:21 PM - lukeshu

- Related to Bug #1269: Full IPv6 support added

#2 - 2017-04-14 06:26 PM - lukeshu

This probably only became an email issue on 2015-05-29 when fauno changed main.cf:inet_protocols from ipv4 to all when adding LogJam mitigation.

#3 - 2017-04-14 06:31 PM - lukeshu

I've emailed n1md4 asking about getting an IPv6 address for proton.

#4 - 2017-04-14 06:47 PM - lukeshu

- % Done changed from 0 to 20

I've set inet_protocols = ipv4 for now, as a workaround.

#5 - 2017-04-15 04:50 PM - lukeshu

n1md4 informs me that an IPv6 address is not available for proton.

#6 - 2019-07-10 04:33 AM - lukeshu

- % Done changed from 20 to 100

- Assignee set to lukeshu

Fixed. I've set up a HE IPv6 tunnel.

#7 - 2019-07-10 04:33 AM - lukeshu

- Status changed from open to fixed

#8 - 2019-07-10 04:41 PM - lukeshu

- % Done changed from 100 to 90

- Status changed from fixed to confirmed

Wait, I screwed up IPv6 rDNS, so some IPv6 mail servers were rejecting our email (including my mav.lukeshu.com).

I've fixed the rDNS, and have disabled IPv6 in postfix until the 24 hour DNS ttl expires.

#9 - 2019-07-10 04:52 PM - lukeshu

- Subject changed from [proton] IPv6 is badly mis/not-configured; email issues to [winston] IPv6 is badly mis/not-configured; email issues