

pfSense - Bug #9328

Static routes set by system.inc for DNS gateway bindings are not binded on the good NICs

02/15/2019 09:58 AM - Alexandre Anriot

Status:	Not a Bug	Start date:	02/15/2019
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Routing	Estimated time:	0.00 hour
Target version:		Affected Version:	
Plus Target Version:		Affected Architecture:	
Release Notes:			
Description			
Hello,			
We are running a POC with 2 WAN gateways which use their own DNS servers on a per-FAI basis.			
The 2 gateways are using 2 different NIC (bge0 and bge2).			
Though, we get these 4 IP routes, with the first 2 routes which should use <i>-iface bge2</i> instead, according to gateways configurations:			
80.10.246.130	172.1.6.2	UGHS	bge0
81.253.149.1	172.1.6.2	UGHS	bge0
89.2.0.1	172.1.6.1	UGHS	bge0
89.2.0.2	172.1.6.1	UGHS	bge0
If I understand correctly, these lines are created here: https://github.com/pfsense/pfsense/blob/master/src/etc/inc/system.inc#L196 .			
The gateway affected by this issue is using an interface in DHCP mode (the FAI box acts as a DHCP server), and we can see "dynamic" in the "Gateway" field of the Gateway.			
Any idea to solve this issue?			
Thanks.			

History

#1 - 02/18/2019 02:54 AM - Alexandre Anriot

Hello,

I discovered that this behaviour was related to the current settings, with 2 gateways on the same subnet, so it overlaps...

Everything works as expected with a fixed setup, but I'm leaving this ticket opened for now, as it might be a good thing to specify the NIC on the route command, as it's done in other places of the pfSense code. Any feelings?

Thanks.

#2 - 02/18/2019 06:40 AM - Jim Pingle

- Status changed from New to Not a Bug

Doesn't matter what you choose for the interface, overlapping subnets and duplicate gateways are not supported.