

pfSense - Bug #996

DHCP address not pulled with spoofed MAC address on WAN

11/04/2010 03:54 PM - Ron Rosen

Status:	Resolved	Start date:	11/04/2010
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Interfaces	Estimated time:	0.00 hour
Target version:	2.0	Affected Architecture:	
Affected Version:	2.0		

Description

Replaced production router ("old router") with pfSense 2.0BETA4 router ("test router" - 02-Nov-2010 snapshot) on broadband connection - FIOS, as it happens. No DHCP lease was issued since ISP only issues one DHCP lease per port.

Spoofed old router's WAN MAC address with test router's WAN connection, then forced a DHCP renew from the Interface Status page. This should have resulted in a DHCP address being issued. Observed result was that ISP would issue a DHCP address, test router would process it, but then revert to "unassigned" status.

Cleared spoofed MAC address from test router's WAN connection, which does **not** result in MAC address being reset to native hardware value (see point "I" in [<http://forum.pfsense.org/index.php/topic,25342.msg131434.html#msg131434>]) for additional information). After applying this setting, DHCP address is successfully pulled.

History

#1 - 11/04/2010 07:09 PM - Chris Buechler

- Category set to Interfaces
- Target version set to 2.0
- Affected Version set to 2.0

#2 - 11/10/2010 04:44 PM - Ermal Luçi

- Status changed from New to Feedback

DHCP on spoofed mac address is fixed on latest snapshots.
The restore of mac address needs more work not sure if it really should be done for 2.0.

#3 - 11/15/2010 09:17 PM - c c

Just tested on Pfsense 2.0BETA4 (built on Fri Nov 12 19:00:39 EST 2010), appears to work (running from Virtualbox with a bridged NIC on WAN)

- 1) Switched WAN interface to dynamic.
- 2) Clicked "insert interface MAC", then changed a few of the digits randomly
- 3) Saved, and reloaded config
- 4) Went to Interface Status page and released IP
- 5) renewed IP
- 6) Successfully pulled and retained an IP.

#4 - 11/15/2010 09:17 PM - c c

Just tested on Pfsense 2.0BETA4 (built on Fri Nov 12 19:00:39 EST 2010), appears to work (running from Virtualbox with a bridged NIC on WAN)

- 1) Switched WAN interface to dynamic.

- 2) Clicked "insert interface MAC", then changed a few of the digits randomly
- 3) Saved, and reloaded config
- 4) Went to Interface Status page and released IP
- 5) renewed IP
- 6) Successfully pulled and retained an IP.

#5 - 11/15/2010 09:18 PM - c c

Just tested on PfSense 2.0BETA4 (built on Fri Nov 12 19:00:39 EST 2010), appears to work (running from Virtualbox with a bridged NIC on WAN)

- 1) Switched WAN interface to dynamic.
- 2) Clicked "insert interface MAC", then changed a few of the digits randomly
- 3) Saved, and reloaded config
- 4) Went to Interface Status page and released IP
- 5) renewed IP
- 6) Successfully pulled and retained an IP.

#6 - 11/27/2010 03:32 PM - Chris Buechler

- *Status changed from Feedback to Resolved*