

pfSense - Bug #3797

DHCP server restarted multiple times on secondary after config sync

08/08/2014 06:32 AM - Chris Buechler

Status:	Resolved	Start date:	08/08/2014
Priority:	Normal	Due date:	
Assignee:	Renato Botelho	% Done:	100%
Category:	DHCP Server	Estimated time:	0.00 hour
Target version:	2.2	Affected Architecture:	
Affected Version:	All		

Description

dhcpcd is restarted twice on the secondary system after every config sync. In at least some circumstance (ticket MPG-56559), it restarts 4 times on the secondary on each config sync. That may be specific to use of static ARP w/DHCP, haven't had a chance to fully test that theory.

Where running DHCP failover, which is most cases with config sync, restarting dhcpcd multiple times back to back seems to occasionally cause both instances of dhcpcd to get stuck in odd states that don't return to normal/normal. Keeping it to a single restart seems to be fine. Restart it several times in quick succession, and it breaks failover status.

Associated revisions

Revision 85b3c597 - 08/29/2014 12:30 PM - Renato Botelho

Do not reconfigure dhcpcd twice on secondary after config sync. Fixes #3797

Revision 7486c1f6 - 08/29/2014 12:41 PM - Renato Botelho

Do not reconfigure dhcpcd twice on secondary after config sync. Fixes #3797

Revision 565488c9 - 09/18/2014 12:08 PM - Renato Botelho

Do now call write_config() when click on Apply Changes because it was already done and it causes dhcpcd to restart one more time on secondary nodes. It fixes #3797

Revision e5b3335a - 09/18/2014 01:57 PM - Renato Botelho

Do not call write_config() when click on Apply Changes because it was already done and it causes dhcpcd to restart one more time on secondary nodes. It fixes #3797

History

#1 - 08/26/2014 01:45 PM - Jim Pingle

- Assignee set to Renato Botelho

#2 - 08/29/2014 12:26 PM - Renato Botelho

- Target version set to 2.2

#3 - 08/29/2014 12:50 PM - Renato Botelho

- Status changed from New to Feedback

- % Done changed from 0 to 100

Applied in changeset [85b3c597865c13cc7c6253332936ac266c74f164](#).

#4 - 08/29/2014 12:50 PM - Renato Botelho

Applied in changeset [7486c1f6c1951435b98d30b0533496065c826f9b](#).

#5 - 09/10/2014 08:30 AM - Jim Pingle

- Status changed from Feedback to New

There is still a problem here, it is still getting restarted multiple times but it appears to be due to this behavior:

- On the primary: Create or edit a static mapping, press Save
- At this point, dhcpd is restarted on the secondary due to the config sync
- On the primary: Press Apply changes
- At this point, dhcpd is restarted on BOTH nodes, and the problem recurs.

It should only restart on the secondary during one of those actions, not both, but both actions are resulting in a config and filter sync.

#6 - 09/18/2014 12:20 PM - Renato Botelho

- Status changed from New to Feedback

Applied in changeset [565488c9cf34c60eccf0f364acc8a0372af31569](#).

#7 - 09/18/2014 02:00 PM - Renato Botelho

Applied in changeset [e5b3335ad921e072f20f052fd0e02a43aada700d](#).

#8 - 10/21/2014 04:53 PM - Chris Buechler

- Status changed from Feedback to Resolved

this looks to be fine, scenarios that previously triggered multiple restarts on the secondary now only have it restart once. That also worked around whatever bug(s) we were triggering within dhcpd's failover by restarting the service repeatedly on the secondary.