

## pfSense - Bug #8100

### pfsync Initially Deletes States on Primary for Connections Established through Secondary

11/15/2017 04:06 PM - Chris Linstruth

|                          |            |                               |            |
|--------------------------|------------|-------------------------------|------------|
| <b>Status:</b>           | New        | <b>Start date:</b>            | 11/15/2017 |
| <b>Priority:</b>         | Normal     | <b>Due date:</b>              |            |
| <b>Assignee:</b>         | Luiz Souza | <b>% Done:</b>                | 0%         |
| <b>Category:</b>         | CARP       | <b>Estimated time:</b>        | 0.00 hour  |
| <b>Target version:</b>   | 2.5.0      | <b>Affected Architecture:</b> |            |
| <b>Affected Version:</b> |            |                               |            |

**Description**

Steps to duplicate:

Create a typical HA pair.  
Enter Persistent CARP Maintenance Mode on Primary to initiate a fail over.  
Establish a new TCP session. Was tested here with a long scp transfer to an outside server from an inside host.  
Observe states created on both nodes with traffic going through Secondary.  
Leave Persistent CARP Maintenance Mode on Primary, initiating fail back.  
Observe states deleted from Primary but still exist on Secondary. Traffic in TCP session stalls.  
Enter Persistent CARP Maintenance Mode on Primary to initiate a fail over. Wait for TCP session to start passing traffic again.  
Observe states recreated on Primary.  
Fail back and fail over again at will. States will now persist until closed.

Condition does not exist if states are initially established while Primary is the CARP MASTER.

Tested with latest 2.4.2 snapshots.

#### History

**#1 - 11/15/2017 04:20 PM - Chris Linstruth**

- File *pfsync-secondary.cap* added
- File *pfsync-primary.cap* added

Attached complete pcaps of sync interfaces.

**#2 - 11/16/2017 12:51 PM - Jim Pingle**

- Target version changed from 2.4.2 to 2.4.3

**#3 - 02/01/2018 11:43 AM - Steve Beaver**

- Assignee set to Jim Pingle

**#4 - 02/01/2018 12:27 PM - Steve Beaver**

- Assignee changed from Jim Pingle to Luiz Souza
- Target version changed from 2.4.3 to 2.4.4

**#5 - 08/14/2018 01:54 PM - Steve Beaver**

- Target version changed from 2.4.4 to 48

**#6 - 03/12/2019 10:54 AM - Jim Pingle**

- Target version changed from 48 to 2.5.0

**#7 - 05/03/2020 06:44 PM - Chris Linstruth**

Verified still occurs on 12.1-STABLE/2.5.0.

**Files**

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|                      |         |            |                 |
|----------------------|---------|------------|-----------------|
| pfsync-primary.cap   | 1.88 MB | 11/15/2017 | Chris Linstruth |
| pfsync-secondary.cap | 1.9 MB  | 11/15/2017 | Chris Linstruth |