

NethServer 6 - Bug #3306

bond confuses network configuration

11/04/2015 10:25 AM - Filippo Carletti

Status: CLOSED	Start date:
Priority: Normal	Due date:
Assignee:	% Done: 100%
Category: nethserver-base	
Target version: v6.7	
Security class:	Resolution:
Affected version: v6.7	NEEDINFO: No
Description A bond makes the server-manager network page behave inconsistently. Follow these steps to see the problem: <ol style="list-style-type: none">1. use a machine with at least two ethernet interfaces2. create a bond with two slaves3. go to the dashboard4. you'd see a yellow todo saying: Assign role to network interface A role must be assigned to a new network card Also the Network page add an option to delete one of the slaves. And rebooting the server, the network reconfiguration triggers.	

Associated revisions

Revision 6343eafb - 11/24/2015 04:29 AM - Giacomo Sanchietti

eth-unmapped: handle bond interfaces. Refs #3306

Revision 0f32b41b - 11/26/2015 04:42 AM - Giacomo Sanchietti

Web UI: fix bond slave mac address. Refs #3306

History

#1 - 11/04/2015 10:31 AM - Filippo Carletti

Note: the bug affects also version 6.6.

The problem is that the `/usr/libexec/nethserver/eth-unmapped` uses mac addresses, but all slaves have the same mac.

Original mac can be found in `/proc/net/bonding/bondX`:

```
# grep HW /proc/net/bonding/bond0
Permanent HW addr: 08:00:27:6a:67:ae
Permanent HW addr: 08:00:27:e9:86:08
```

#2 - 11/24/2015 04:22 AM - Giacomo Sanchietti

- Category set to *nethserver-base*
- Status changed from *NEW* to *TRIAGED*
- Target version set to *v6.7*
- % Done changed from *0* to *20*

#3 - 11/24/2015 04:28 AM - Giacomo Sanchietti

- Status changed from *TRIAGED* to *ON_DEV*
- Assignee set to *Giacomo Sanchietti*
- % Done changed from *20* to *30*

#4 - 11/24/2015 04:30 AM - Giacomo Sanchietti

- Status changed from *ON_DEV* to *MODIFIED*
- % Done changed from *30* to *60*

#5 - 11/24/2015 04:57 AM - Giacomo Sanchietti

- Status changed from *MODIFIED* to *ON_QA*
- Assignee deleted (*Giacomo Sanchietti*)
- % Done changed from *60* to *70*

Package in *nethserver-testing*:

- *nethserver-base-2.9.4-1.2.g1fb355d.ns6.noarch.rpm*

Test case 1

- Configure a bond, check the Dashboard display the wrong message
- Update the package
- Check the wrong message is gone

Test case 2

- After test case 1
- Reboot the machine
- Check the system doesn't require network reconfiguration

Test case 3

- On a Virtual Machine (VM), add a new ethernet and configure it with a orange or blue role
- Shutdown the VM, change the mac address of the ethernet
- After the boot, check the system requires network reconfiguration for the missing ethernet card

Test case 4

- After test case 2
- Shutdown the VM, change the mac address of a ethernet which is part of the bond
- After the boot, check the system requires network reconfiguration for the missing ethernet card
- You should ignore the message and be able to reconfigure the bond from the web interface

#6 - 11/25/2015 10:08 AM - Nicola Rauso

- Assignee set to *Nicola Rauso*

#7 - 11/26/2015 03:00 AM - Giacomo Sanchietti

- Status changed from *ON_QA* to *TRIAGED*
- Assignee deleted (*Nicola Rauso*)
- % Done changed from *70* to *20*

The bug also affects */usr/libexec/nethserver/nic-info* script which is used from the web interface.

#8 - 11/26/2015 04:07 AM - Giacomo Sanchiotti

- Status changed from TRIAGED to ON_DEV
- Assignee set to Giacomo Sanchiotti
- % Done changed from 20 to 30

#9 - 11/26/2015 04:56 AM - Giacomo Sanchiotti

- Status changed from ON_DEV to MODIFIED
- % Done changed from 30 to 60

#10 - 11/26/2015 04:57 AM - Giacomo Sanchiotti

- Status changed from MODIFIED to ON_QA
- Assignee deleted (Giacomo Sanchiotti)
- % Done changed from 60 to 70

Package in nethserver-testing:

- nethserver-base-2.9.4-1.3.g0f32b41.ns6.noarch.rpm

Test case 1

- Configure a bond, check the Dashboard display the wrong message
- Update the package
- Check the wrong message is gone

Test case 2

- After test case 1
- Reboot the machine
- Check the system doesn't require network reconfiguration

Test case 3

- On a Virtual Machine (VM), add a new ethernet and configure it with a orange or blue role
- Shutdown the VM, change the mac address of the ethernet
- After the boot, check the system requires network reconfiguration for the missing ethernet card

Test case 4

- After test case 2
- Shutdown the VM, change the mac address of a ethernet which is part of the bond
- After the boot, check the system requires network reconfiguration for the missing ethernet card
- You should ignore the message and be able to reconfigure the bond from the web interface

Test case 5

- Check all interfaces are correctly displayed inside the "Network" page

#11 - 11/26/2015 10:34 AM - Nicola Rauso

- Assignee set to Nicola Rauso

#12 - 11/26/2015 10:35 AM - Nicola Rauso

- Status changed from ON_QA to VERIFIED
- Assignee deleted (Nicola Rauso)
- % Done changed from 70 to 90

Tested all cases: **OK**

- Test case 1 - Configure a bond, check the Dashboard display the wrong message
 - Update the package
 - Check the wrong message is gone

Test case 2

- After test case 1
- Reboot the machine

- Check the system doesn't require network reconfiguration

Test case 3

- On a Virtual Machine (VM), add a new ethernet and configure it with a orange or blue role
- Shutdown the VM, change the mac address of the ethernet
- After the boot, check the system requires network reconfiguration for the missing ethernet card

Test case 4

- After test case 2
- Shutdown the VM, change the mac address of a ethernet which is part of the bond
- After the boot, check the system requires network reconfiguration for the missing ethernet card
- You should ignore the message and be able to reconfigure the bond from the web interface

Test case 5

- Check all interfaces are correctly displayed inside the "Network" page

#13 - 11/30/2015 11:46 AM - Giacomo Sanchietti

- *Status changed from VERIFIED to CLOSED*
- *% Done changed from 90 to 100*

Released in nethserver-updates: - nethserver-base-2.9.5-1.ns6.noarch.rpm