

## Foreman - Bug #13092

### 802.3ad bonding setup doesn't work correctly

01/08/2016 11:41 AM - Bryan Kearney

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>	Ondřej Pražák	
<b>Category:</b>	Templates	
<b>Target version:</b>	1.18.0	
<b>Difficulty:</b>		<b>Fixed in Releases:</b>
<b>Triaged:</b>		<b>Found in Releases:</b>
<b>Bugzilla link:</b>	1288420	<b>Red Hat JIRA:</b>
<b>Pull request:</b>	<a href="https://github.com/theforeman/foreman/pull/4583">https://github.com/theforeman/foreman/pull/4583</a> , <a href="https://github.com/theforeman/community-templates/pull/402">https://github.com/theforeman/community-templates/pull/402</a> , <a href="https://github.com/theforeman/foreman/pull/5168">https://github.com/theforeman/foreman/pull/5168</a>	

#### Description

Cloned from [https://bugzilla.redhat.com/show\\_bug.cgi?id=1288420](https://bugzilla.redhat.com/show_bug.cgi?id=1288420)

Description of problem:

Creating a bonded interface with 802.3ad in Satellite 6.1.3 does not deploy correctly. We expect to see a bond0 interface with a number of bond0.101, bond0.102 etc interfaces.

We try to create a bond0 which incorporates two devices, enp12s0f1 and enp22s0. Bonding options are deployed correctly. We use the MAC of the first interface, enp12s0f1 in the Sat 6 interface. When the host comes up after re-provisioning it sometimes creates a ifcfg-enp12s0f1.101 file or sometimes a ifcfg-.101 file.

Version-Release number of selected component (if applicable):

Satellite 6.1.3

Actual results:

The host comes up after re-provisioning it sometimes creates a ifcfg-enp12s0f1.101 file or sometimes a ifcfg-.101 file.

Expected results:

The host to have the configured bond options

Additional info:

We are wanting to deploy an OSP 7 environment using these network bonds so this will shortly be a blocker in doing so.

Customer worked around the issue by doing:

1) Making up a MAC address for the bond interface, something entirely bogus and then re-using that same MAC for the VLAN interfaces rendered us a kickstart that looks better.

Making up a MAC adress got us the bond created but then, adding VLAN:s on top of the bond fails as the snippet is doing a grep for the made-up MAC in the output of 'ip -l'

Next workaround was to acutally fix-up the broken config files for the VLANs

2) The workaround we used was to following patch against kickstart\_network\_setup

Do note that I doubt the workaround is generic enough to be used a generic solution

```
diff --git a/Satellite6/OSP7/templates/snippets/kickstart_network_setup_RH1544500.erb b/Satellite6/OSP7/templates/snippets/kickstart_network_setup_RH1544500.erb
index 0bf4ccc..00d2ab5 100644
--- a/Satellite6/OSP7/templates/snippets/kickstart_network_setup_RH1544500.erb
+++ b/Satellite6/OSP7/templates/snippets/kickstart_network_setup_RH1544500.erb
@@ -114,6 +114,7 @@ real=`ip -o link | grep <%= interface.mac -%> | awk '{print $2;}' | sed s/:$//`
```

```
<% if virtual -%>
  real=`echo <%= interface.identifier -%> | sed s/<%= interface.attached_to -%>/\$real/`
<% end -%>
+real="<%= interface.identifier -%>"

# ifcfg files are ignored by NM if their name contains colons so we convert colons to underscore
<% if alias_type -%>
```

#### Related issues:

Related to Foreman - Bug #24753: Deploying bonds and vlans does not work corr...

**Closed**

#### Associated revisions

##### Revision 89380cc2 - 01/11/2018 11:51 AM - Ondřej Pražák

Fixes #13092 - Deploy correct bonding for reprovisioned host (#4583)

##### Revision f7aedf06 - 01/15/2018 09:16 AM - Marek Hulán

Refs #13092 - sync up community templates

#### History

##### #1 - 01/11/2016 02:00 AM - Marek Hulán

- Category set to Templates

##### #2 - 02/23/2016 06:38 AM - Marek Hulán

- Description updated

##### #3 - 08/19/2016 07:20 AM - Tomáš Strachota

- Target version set to 115

##### #4 - 05/16/2017 04:42 AM - Marek Hulán

- Target version changed from 115 to 1.13.4

##### #5 - 06/13/2017 08:43 AM - The Foreman Bot

- Status changed from New to Ready For Testing

- Assignee set to Ondřej Pražák

- Pull request <https://github.com/theforeman/foreman/pull/4583> added

##### #6 - 06/16/2017 05:48 AM - Marek Hulán

- Target version changed from 1.13.4 to 1.14.0

##### #7 - 07/03/2017 02:57 AM - Marek Hulán

- Target version changed from 1.14.0 to 1.14.3

##### #8 - 07/20/2017 10:22 AM - Marek Hulán

- Target version changed from 1.14.3 to 1.17.0-RC2

##### #9 - 08/08/2017 08:36 AM - Marek Hulán

- Target version changed from 1.17.0-RC2 to 1.18.0-RC2

##### #10 - 08/29/2017 05:57 AM - Marek Hulán

- Target version changed from 1.18.0-RC2 to 214

##### #11 - 09/20/2017 09:27 AM - Marek Hulán

- Target version changed from 214 to 1.16.0-RC2

##### #12 - 10/23/2017 03:09 PM - Marek Hulán

- Target version changed from 1.16.0-RC2 to 1.16.0-RC1

##### #13 - 10/30/2017 01:50 PM - Marek Hulán

- Target version changed from 1.16.0-RC1 to 1.16.2

**#14 - 11/21/2017 07:52 AM - Marek Hulán**

- Target version changed from 1.16.2 to 1.16.1

**#15 - 12/12/2017 11:51 AM - Marek Hulán**

- Target version changed from 1.16.1 to 238

**#16 - 01/11/2018 11:51 AM - Marek Hulán**

- translation missing: en.field\_release set to 330

**#17 - 01/11/2018 11:52 AM - Marek Hulán**

- Pull request <https://github.com/theforeman/community-templates/pull/402> added

**#18 - 01/11/2018 12:01 PM - Anonymous**

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset [89380cc2b28dd63112d0e3a3952f709807d0171b](#).

**#19 - 01/15/2018 07:35 AM - The Foreman Bot**

- Pull request <https://github.com/theforeman/foreman/pull/5168> added

**#20 - 08/30/2018 09:07 AM - Ondřej Pražák**

- Related to Bug #24753: Deploying bonds and vlans does not work correctly added