Foreman - Bug #32497

kickstart_kernel_options doesn't handle properly tagged vlan over bond device

05/03/2021 07:18 PM - Joniel Pasqualetto

Status:	Closed		
Priority:	Normal		
Assignee:			
Category:	Templates		
Target version:	2.5.1		
Difficulty:		**Fixed in Releases:**	2.5.1, 3.0.0
Triaged:	No	**Found in Releases:**	
Bugzilla link:		**Red Hat JIRA:**	
Pull request:	https://github.com/theforeman/foreman/pull/8493		

Description

Description of problem:

When a host to be provisioned has a virtual interface that requires a VLAN tag and is attached to a bond device, the kernel options simply ignore the bond device, creating only the VLAN. Therefore, dracut does not get configured properly and provisioning fails.

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

How reproducible:

Steps to Reproduce:
1. Create a new host
2. Add 2 physical interfaces and mark both only as "managed"
3. Add a bond device using the 2 physical interfaces. Mark only the option "managed" to this interface too
4. Create a virtual interface, set a vlan tag and put the bond a master interface
5. Look at the rendered template "PXEGrub template" for example. You'll see something like this (pasting only the part of the line that

~~~
(...)

... network ksdevice=bootif ks.device=bootif kssendmac ks.sendmac inst.ks.sendmac
ip=192.168.250.81::192.168.250.1:255.255.255.0:ryan-blacher.example.local:vlan409:none nameserver=192.168.250.100
vlan=vlan409:bond0
~~~

Note that the vlan is defined and it points to the device "bond0", but the bond device is not configured.

Actual results:

Rendered template looks like this:

~~~
(...)

... network ksdevice=bootif ks.device=bootif kssendmac ks.sendmac inst.ks.sendmac
ip=192.168.250.81::192.168.250.1:255.255.255.0:ryan-blacher.example.local:vlan409:none nameserver=192.168.250.100
vlan=vlan409:bond0
~~~

Expected results:

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(...)

... network ksdevice=bootif ks.device=bootif kssendmac ks.sendmac inst.ks.sendmac ip=192.168.250.81::192.168.250.1:255.255.255.0:ryan-blacher.example.local:vlan409:none

nameserver=192.168.250.100 bond=bond0:eth0,eth1:mode=active-backup,miimon=200 vlan=vlan409:bond0

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Associated revisions

Revision b827e475 - 05/24/2021 06:17 PM - Joniel Pasqualetto

Fixes #32497 - allow template to properly manage vlan tag over bond interface

Allow the template kickstart_kernel_options to create the correct set of
options for dracut, in order to provision a server using a tagged VLAN over a bond
interface.

History

#1 - 05/06/2021 10:00 AM - Lukas Zapletal

- Project changed from Templates to Foreman

- Category set to Templates

#2 - 05/06/2021 12:55 PM - The Foreman Bot

- Status changed from New to Ready For Testing

- Pull request https://github.com/theforeman/foreman/pull/8493 added

#3 - 05/24/2021 06:17 PM - The Foreman Bot

- Fixed in Releases 3.0.0 added

#4 - 05/24/2021 07:01 PM - Joniel Pasqualetto

- Status changed from Ready For Testing to Closed

Applied in changeset foreman|b827e475c383ec2c095f1e32645c61c0d65925d7.

#5 - 06/13/2021 01:19 PM - Tomer Brisker

- Target version set to 2.5.1

#6 - 06/16/2021 08:46 AM - Tomer Brisker

- Fixed in Releases 2.5.1 added