

## Foreman - Bug #33322

### VLAN tagging on provision interface

08/23/2021 03:02 PM - Gerald Vogt

<b>Status:</b> New	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> Templates	
<b>Target version:</b>	
<b>Difficulty:</b>	<b>Fixed in Releases:</b>
<b>Triaged:</b> No	<b>Found in Releases:</b> 2.5.2
<b>Bugzilla link:</b>	<b>Red Hat JIRA:</b>
<b>Pull request:</b>	
<b>Description</b>	
<p>I have noticed that the template "Preseed default PXELinux" doesn't work nicely for ubuntu 20.04 lts in our network. It's due to these lines:</p> <pre>if @host.provision_interface.vlanid.present?   options &lt;&lt; "netcfg/use_vlan=true netcfg/vlan_id=#{@host.provision_interface.vlanid}" end</pre>	
<p>We have many networks and a network is access tagged on some clients and untagged on others, depending how they are connected to the switch.</p>	
<p>However, checking for <code>vlanid.present?</code> means that a <code>vlanid</code> is present, but doesn't check for the virtual flag on the interface. Looking at the interface configuration I think it should check for the virtual flag on the interface and not if the network assigned has a <code>vlanid</code> assigned.</p>	
<p>In other words: instead of "<code>@host.provision_interface.vlanid.present?</code>" the condition should be "<code>@host.provision_interface.virtual?</code>" or maybe check for both. Only an interface which has been configured as virtual should use tagging. If it's not configured virtual, it's untagged.</p>	

### History

#### #1 - 08/23/2021 05:41 PM - Lukas Zapletal

Hello,

this is the method which is called (from the NIC):

```
def vlanid  
  # Determine a vlanid according to the following cascading rules:  
  # 1. if the interface has a tag, use that as the vlanid  
  # 2. if the interface has a v4 subnet with a non-blank vlanid, use that  
  # 3. if the interface has a v6 subnet with a non-blank vlanid, use that  
  # 4. if no reasonable vlanid was determined, then return an empty string  
  #  
  # In case the v4 and v6 subnet are both present, they should have the same  
  # vlanid. If they have a different vlanid, this is probably an error in the  
  # user's database. There is no way of determining the real vlanid, so we  
  # pick the v4 one unless it turns out to be blank.  
  
  return tag if tag.present?  
  return subnet.vlanid if subnet && subnet.vlanid.present?  
  return subnet6.vlanid if subnet6 && subnet6.vlanid.present?  
  ''  
end
```

So it looks like the method does not check if the nic is virtual or not, I agree with your assesment. Feel free to contribute a change via github! Cheers.

#### #2 - 08/24/2021 10:54 AM - The Foreman Bot

- Status changed from New to Ready For Testing

- Pull request <https://github.com/theforeman/foreman/pull/8735> added

**#3 - 12/04/2021 01:23 AM - The Foreman Bot**

- Status changed from *Ready For Testing* to *New*

- Pull request deleted (<https://github.com/theforeman/foreman/pull/8735>)