

## Smart Proxy - Bug #2320

### Foreman Proxy on Windows: Vendor Class not found Error

03/14/2013 10:35 AM - Oliver Weinmann

<b>Status:</b> Duplicate	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b>	
<b>Target version:</b>	
<b>Difficulty:</b>	<b>Fixed in Releases:</b>
<b>Triaged:</b>	<b>Found in Releases:</b>
<b>Bugzilla link:</b>	<b>Red Hat JIRA:</b>
<b>Pull request:</b>	
<b>Description</b>	
<p>Hi,</p> <p>I'm currently setting up a new foreman infrastructure on our network. I used the instructions on the foreman website to install the proxy under Windows. BTW I installed a proxy under Windows XP. This works fine as long as you add the dhcp option for netsh:</p> <pre>NETSH ADD HELPER DHCPMON.DLL</pre> <p>and install the ruby DEVKIT.</p> <p>First problem is that the timeout in lib/proxy/dhcp/server/native_ms.rb is too low. It is set to 5 seconds and should be set to 10. Something I was able to fix myself for now.</p> <p>But then I get this error when trying to import the subnets from the dhcp in foreman:</p> <pre>D, [2013-03-14T15:20:01.414954 #3564] DEBUG -- : Loading subnets for 172.28.20.14 D, [2013-03-14T15:20:01.430579 #3564] DEBUG -- : executing: c:\windows\system32\cmd.exe /c c:\Windows\System32\netsh.exe e dhcp server 172.28.20.14 show scope I, [2013-03-14T15:20:08.946156 #3564] INFO -- : Vendor class not found E, [2013-03-14T15:20:08.946156 #3564] ERROR -- : Failed to enumerate the scopes on 172.28.20.14Vendor class not found</pre> <p>If using not the latest version of the smart-proxy under windows XP, this works just fine. I used the latest version of the smart-proxy as this was pointed out in the documentation.</p>	
<b>Related issues:</b>	
Related to Smart Proxy - Bug #13129: Intermittent failures in native MS test_...	<b>Closed</b> <b>01/12/2016</b>

#### History

##### #1 - 03/14/2013 10:38 AM - Oliver Weinmann

Sorry this one should go under smart-proxy. Maybe one of the admins can move it? :)

##### #2 - 03/14/2013 10:44 AM - Ohad Levy

- Project changed from Foreman to Smart Proxy

##### #3 - 03/14/2013 10:45 AM - Ohad Levy

hmm.. in your dhcp server (e.g. via mmc) can you see the ability to add vendor options? we never tried it with WinXP only with 2000+ servers.

##### #4 - 03/14/2013 10:48 AM - Oliver Weinmann

Hi Ohad,

the DHCP is running on windows server 2008 r2 and yes it supports Vendor Options. I just installed the smart-proxy under windows XP as we should not install any additional software on our Domain Controllers. The smart-proxy controls the DHCP via the netsh commands. This works fine as long as I don't use the latest (development) version of smart-proxy.

Regards,

Oliver

**#5 - 07/28/2013 06:04 AM - Stefan Held**

Hi Oliver,

try adding the english Language pack.

Switch over to english as default display language and this error is gone.

**#6 - 05/12/2014 11:25 AM - Johan Sunnerstig**

While this is old, I figured I'd update it with a little FYI. I ran into this due to entering the DHCP server in settings.yml without the usual Windows double-backslashes.

Changing it to `":dhcp_server: \\dhcp.mynetwork.com"` fixed this right away. This can be seen in the original report as well, where the netsh-command being executed refers to the server by it's IP sans the double backslashes.

Perhaps this could be clarified in the comments in the settings.yml example file?

**#7 - 04/20/2015 02:16 PM - Matt Chesler**

I ran into what seems like the same issue. In my logs, I saw entries like:

```
[2015-04-20T11:07:25.140098 #2344] ERROR -- : Failed to enumerate the scopes on 192.168.199.5Vendor class not found
```

I tried make the change suggested above, which just changed the error entries to:

```
[2015-04-20T11:35:25.454356 #2904] ERROR -- : Failed to enumerate the scopes on \\192.168.199.5Vendor class not found
```

After digging through the code and adding some gratuitous print statements, I discovered `Proxy::SETTINGS.x86_64` being used in `Proxy::DHCP::NativeMS#execute` to choose between `'c:\windows\sysnative\cmd.exe'` and `'c:\windows\system32\cmd.exe'`. I haven't figured out why yet, but it somehow `Proxy::SETTINGS.x86_64` was being set to true despite `'c:\windows\sysnative'` not existing. When I add `'x86_64: false'` to settings.yml and restart the smart proxy, it suddenly uses the correct interpreter path and functions as desired.

**#8 - 02/29/2016 10:09 AM - Anonymous**

- *Related to Bug #13129: Intermittent failures in native MS test\_records\_should\_have\_options tests added*

**#9 - 02/29/2016 10:21 AM - Anonymous**

- *Description updated*

- *Status changed from New to Duplicate*

This was resolved, see <http://projects.theforeman.org/issues/13129> for details.