

Smart Proxy - Bug #2320

Foreman Proxy on Windows: Vendor Class not found Error

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

Status:	Duplicate	Fixed in Releases: Found in Releases: Red Hat JIRA:
Priority:	Normal	
Assignee:		
Category:		
Target version:		
Difficulty:		
Triaged:		
Bugzilla link:		
Pull request:		
Description		
Hi,		
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:		
NETSH ADD HELPER DHCPMON.DLL		
and install the ruby DEVKIT.		
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.		
But then I get this error when trying to import the subnets from the dhcp in foreman:		
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 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		
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.		
Related issues:		
Related to Smart Proxy - Bug #13129: Intermittent failures in native MS test_...		Closed 01/12/2016

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 soule-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 an 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.