

Smart Proxy - Bug #18458

Windows: 'dhcpsapi' gem fails to load downstream

02/10/2017 12:26 PM - Daniel Helgenberger

Status:	Resolved	
Priority:	Normal	
Assignee:		
Category:	DHCP	
Target version:		
Difficulty:		Fixed in Releases:
Triaged:		Found in Releases: 1.14.1
Bugzilla link:		Red Hat JIRA:
Pull request:		

Description

Issue

Running smart proxy on windows, dhcpsapi gem fails to load downstream:

```
E, [2017-02-08T18:44:27.169390 ] ERROR -- : Disabling all modules in the group ['dhcp_native_ms', 'dhcp'] due to a failure in one of them: cannot load such file -- dhcpsapi
D, [2017-02-08T18:44:27.169390 ] DEBUG -- : ["C:/TheForeman/smart-proxy/modules/dhcp_native_ms/plugin_configuration.rb:5:in `require'", "C:/TheForeman/smart-proxy/modules/dhcp_native_ms/plugin_configuration.rb:5:in `load_classes'", "C:/TheForeman/smart-proxy/lib/proxy/plugin_initializer.rb:294:in `load_classes'", "C:/TheForeman/smart-proxy/lib/proxy/plugin_initializer.rb:243:in `load_settings'", "C:/TheForeman/smart-proxy/lib/proxy/plugin_initializer.rb:81:in `block in load_provider_settings'", "C:/TheForeman/smart-proxy/lib/proxy/plugin_initializer.rb:80:in `each'", "C:/TheForeman/smart-proxy/lib/proxy/plugin_initializer.rb:155:in `block in initialize_plugins'", "C:/TheForeman/smart-proxy/lib/proxy/plugin_initializer.rb:155:in `each'", "C:/TheForeman/smart-proxy/lib/proxy/plugin_initializer.rb:155:in `initialize_plugins'", "C:/TheForeman/smart-proxy/lib/launcher.rb:134:in `launch'", "C:/TheForeman/smart-proxy/bin/smart-proxy:6:in `'"]
```

Workaround:

Require dhcpsapi as the first gem in bin/smart-proxy:

```
$LOAD_PATH.unshift(*Dir[File.expand_path("../..lib", __FILE__), File.expand_path("../..modules", __FILE__)])
```

```
require 'dhcpsapi'
require 'smart_proxy_main'
Proxy::Launcher.new.launch
```

Gem env:

RubyGems Environment:

- RUBYGEMS VERSION: 2.6.7
- RUBY VERSION: 2.0.0 (2015-04-13 patchlevel 645) [x64-mingw32]
- INSTALLATION DIRECTORY: C:/Ruby200-x64/lib/ruby/gems/2.0.0
- USER INSTALLATION DIRECTORY: C:/Users/Administrator/.gem/ruby/2.0.0
- RUBY EXECUTABLE: C:/Ruby200-x64/bin/ruby.exe
- EXECUTABLE DIRECTORY: C:/Ruby200-x64/bin
- SPEC CACHE DIRECTORY: C:/Users/Administrator/.gem/specs
- SYSTEM CONFIGURATION DIRECTORY: C:/ProgramData
- RUBYGEMS PLATFORMS:
 - ruby
 - x64-mingw32
- GEM PATHS:

```
- C:/Ruby200-x64/lib/ruby/gems/2.0.0
- C:/Users/Administrator/.gem/ruby/2.0.0
- GEM CONFIGURATION:
  - :update_sources => true
  - :verbose => true
  - :backtrace => false
  - :bulk_threshold => 1000
  - :sources => ["https://rubygems.org"]
- REMOTE SOURCES:
  - https://rubygems.org
- SHELL PATH:
  - C:\Program Files (x86)\Common Files\Intel\Shared Libraries\redist\intel64_win\compiler
  - C:\ProgramData\chocolatey\bin
  - C:\Ruby200-x64\bin
  - C:\Program Files (x86)\Common Files\Intel\Shared Libraries\redist\intel64\compiler
  - C:\Python3\
  - C:\Python3\Scripts
  - C:\Windows\system32
  - C:\Windows
  - C:\Windows\System32\Wbem
  - C:\Windows\System32\WindowsPowerShell\v1.0\
  - C:\Program Files\TortoiseGit\bin
  - C:\Program Files\Microsoft SQL Server\110\Tools\Binn\
  - C:\Program Files\Puppet Labs\Puppet\bin
  - C:\Program Files\Git LFS
  - C:\Users\Administrator\AppData\Roaming\Python\Scripts
```

History

#1 - 02/10/2017 12:31 PM - Daniel Helgenberger

Forgot: I had to remove the require from modules/dhcp_native_ms/plugin_configuration.rb.

#2 - 02/10/2017 12:49 PM - Anonymous

How are you starting smart-proxy? If launching from command line, you'll need to use bundler (bundler exec ruby bin/smart-proxy), as we rely on it for dependency management. If you are running it as windows service, and the service have been installed for the previous version of smart-proxy, you'll need to remove it and install again using <https://github.com/foreman/smart-proxy/blob/develop/extra/register-service.rb>.

#3 - 02/10/2017 03:49 PM - Daniel Helgenberger

Right, that was the issue. After re-registering service the gem loads now.

I see the issue was already mentioned in docs, it skipped my attention.

Pls close!

BTW: Great work with <https://github.com/foreman/smart-proxy/pull/445>, performance seems to be better by multiples.

#4 - 02/10/2017 03:51 PM - Anonymous

- Status changed from New to Resolved