

Foreman - Bug #10993

Error adding Windows host

07/03/2015 07:54 AM - Felipe Ortega

Status:	Closed	
Priority:	Normal	
Assignee:	Marek Hulán	
Category:	Importers	
Target version:	1.10.0	
Difficulty:		Fixed in Releases:
Triaged:		Found in Releases: 1.8.2
Bugzilla link:		Red Hat JIRA:
Pull request:	https://github.com/theforeman/foreman/pull/2778	
Description		
<p>I've found several issues after adding a new Windows host to Foreman 1.8.</p> <p>The Windows test client is 2003 Server, running Puppet client 3.8.1.</p> <p>I've tried installing Foreman in various test environments:</p> <p>OS: Debian 7.8 (minimal basic installation) + Foreman 1.7 (using foreman-installer): no problem at all</p> <p>OS: Debian 7.8 (minimal basic installation) + Foreman 1.8 (using foreman-installer): host is added, but</p> <ul style="list-style-type: none">- no "Operating system", "Environment", "Model" info is shown in "Hosts"->"All hosts" dashboard for the Windows host (see attached 'screenshot1').- no "Properties" is shown in host's detailed page (left click on the host) (see attached 'screenshot2' and 'screenshot3').- wrong number of "windows 5.2" hosts in "Hosts"->"Operating systems". In fact, it seems to be the number of Puppet runs in that client (if they are run in different minutes) (see attached 'screenshot4'). Also, clicking in "Hosts" column shows no hosts (see attached 'screenshot5') <p>OS: Debian 8.1 (minimal basic installation) + Foreman 1.8 (using foreman-installer): same issues that with Debian 7.8 + Foreman 1.8</p> <p>The problem seems to be related to the way interfaces are handled in Foreman 1.8. In fact, there is an exception shown in /var/log/foreman/production.log (see attached file with the excerpt)</p>		

Associated revisions

Revision b064a42c - 10/05/2015 03:49 PM - Marek Hulán

Fixes #10993 - handle no interfaces in facts correctly

History

#1 - 07/03/2015 08:00 AM - Dominic Cleal

- Category set to Importers

#2 - 10/02/2015 05:04 AM - Yoann Le Garff

Hello,

I have the exactly the same bug with Foreman 1.9.2 : my Windows 2003 Server will not back properties.

Is a fix is planned ?

Thanks.

#3 - 10/02/2015 05:17 AM - Marek Hulán

Could you please provide an output of `facter --yaml` from the windows host? As a workaround you can try disable interface importing by changing "Ignore Puppet facts for provisioning" setting to false. You can find it under Administer -> Settings -> Provisioning.

#4 - 10/02/2015 06:27 AM - Yoann Le Garff

- File `facter.yaml` added

Thanks for the tip.

As a workaround, in `/usr/share/foreman/app/models/host/base.rb:150`, it is better if i change this

```
set_interfaces(parser) if parser.parse_interfaces?
```

to this

```
begin
  set_interfaces(parser) if parser.parse_interfaces?
rescue
end
```

(to keep provisioning for servers where this issue does not cause problems) ?

Factor output is in attachment.

#5 - 10/02/2015 09:25 AM - Marek Hulán

Interesting, in your case the "interfaces" fact is empty. For some reason WMI does not seems to report any interface on your host. We should be able to handle this situation but it would be interesting to find out the real cause.

#6 - 10/02/2015 10:51 AM - Yoann Le Garff

The module `Factor::Util::IP` used by the fact `interfaces` use this method :

```
Factor::Util::IP::Windows.interfaces # line 62 in /usr/lib/ruby/vendor_ruby/facter/util/ip.rb

def self.interfaces # line 42 in /usr/lib/ruby/vendor_ruby/facter/util/ip/windows.rb
  interface_names = []

  network_adapter_configurations.map do |nic|
    Factor::Util::WMI.execquery("SELECT * FROM Win32_NetworkAdapter WHERE Index = #{nic.Index}
AND NetEnabled = TRUE").each do |nic|
      interface_names << nic.NetConnectionId unless nic.NetConnectionId.nil? or nic.NetConnectionId.empty?
    end
  end

  interface_names.uniq
end
```

The problem is that the WMI class `Win32_NetworkAdapter` doesn't provide the `NetEnabled` property on Windows 2003 but does on 2008/2012.

#7 - 10/05/2015 08:54 AM - The Foreman Bot

- Status changed from New to Ready For Testing
- Pull request <https://github.com/theforeman/foreman/pull/2778> added
- Pull request deleted ()

#8 - 10/05/2015 08:55 AM - Marek Hulán

- Assignee set to Marek Hulán

#9 - 10/05/2015 04:01 PM - Marek Hulán

- Status changed from Ready For Testing to Closed
- % Done changed from 0 to 100

Applied in changeset [b064a42c94d76eb224b0aecefcef2ce66cd0829a](#).

#10 - 10/06/2015 02:34 AM - Marek Hulán

- translation missing: en.field_release set to 63

Files

production.log	15.5 KB	07/03/2015	Felipe Ortega
screenshot1.png	36.1 KB	07/03/2015	Felipe Ortega
screenshot2.png	64.1 KB	07/03/2015	Felipe Ortega
screenshot3.png	60.7 KB	07/03/2015	Felipe Ortega
screenshot4.png	33.3 KB	07/03/2015	Felipe Ortega

screenshot5.png	23 KB	07/03/2015	Felipe Ortega
factor.yaml	2.72 KB	10/02/2015	Yoann Le Garff