

Smart Proxy - Bug #13575

Don't fail due to missing PXEClient DHCP opt on 2008R2

02/05/2016 06:00 AM - Guido Günther

Status:	Closed	
Priority:	Normal	
Assignee:	Guido Günther	
Category:	DHCP	
Target version:	1.12.1	
Difficulty:		Fixed in Releases:
Triaged:		Found in Releases:
Bugzilla link:		Red Hat JIRA:
Pull request:	https://github.com/theforeman/smart-proxy/pull/372	

Description

Due to [#2870](#) the dhcp_native_ms provider always tries to set the PXEClient opt to empty. However this does not exist in all DHCP servers (tested on 2008R2) and in this case we currently fail with:

```
INFO -- : Added DHCP reservation for foo.example.com(10.0.2.20 / 52:54:00:84:64:03)
DEBUG -- : key: "PXEClient"
DEBUG -- : executing: c:\windows\system32\cmd.exe /c c:\Windows\System32\netsh.exe
e dhcp server 127.0.0.1 scope 10.0.0.0 set reservedoptionvalue 10.0.2.20 60 String ""
INFO -- : Vendor class not found
ERROR -- : Netsh failed:
```

Changed the current scope context to 10.0.0.0 scope.

The specified option does not exist.

```
ERROR -- : Unknown error while processing ''
DEBUG -- : Unknown error while processing '' (Proxy::DHCP::Error)
C:/Users/Administrator/Downloads/smart-proxy/modules/dhcp_native_ms/dhcp_native_ms_main.rb:246
:in `rescue in report'
C:/Users/Administrator/Downloads/smart-proxy/modules/dhcp_native_ms/dhcp_native_ms_main.rb:223
:in `report'
C:/Users/Administrator/Downloads/smart-proxy/modules/dhcp_native_ms/dhcp_native_ms_main.rb:218
:in `execute'
C:/Users/Administrator/Downloads/smart-proxy/modules/dhcp_native_ms/dhcp_native_ms_main.rb:59:
in `block in add_record'
C:/Users/Administrator/Downloads/smart-proxy/modules/dhcp_native_ms/dhcp_native_ms_main.rb:46:
in `each'
C:/Users/Administrator/Downloads/smart-proxy/modules/dhcp_native_ms/dhcp_native_ms_main.rb:46:
in `add_record'
C:/Users/Administrator/Downloads/smart-proxy/modules/dhcp/dhcp_api.rb:97:in `block in <class:
DhcpApi>'
C:/Users/Administrator/Downloads/smart-proxy/vendor/ruby/2.1.0/gems/sinatra-1.4.7/lib/sinatra/
base.rb:1611:in `call'
```

so ignore errors to set that option.

Related issues:

Related to Smart Proxy - Bug #5995: Windows AD DHCP reservation creation fail...	Duplicate	05/30/2014
Related to Smart Proxy - Bug #15789: In MS DHCP provider general/Vendor optio...	Resolved	07/22/2016
Related to Smart Proxy - Bug #15791: Intermittent DHCPServerMicrosoftTest fai...	Closed	07/22/2016
Related to Smart Proxy - Bug #16056: Non-english locale casuses "Vendor Class...	Resolved	08/11/2016

Associated revisions

Revision e5aa2344 - 07/21/2016 05:38 AM - Guido Günther

fixes #13575 - Don't fail on missing PXEClient dhcp opt

Due to #2870 the dhcp_native_ms provider always tries to set the PXEClient opt to empty. However this does not exist in all DHCP servers (tested on 2008R2) and in this case we currently fail with:

```
INFO -- : Added DHCP reservation for foo.example.com(10.0.2.20 / 52:54:00:84:64:03)
DEBUG -- : key: "PXEClient"
DEBUG -- : executing: c:\windows\system32\cmd.exe /c c:\Windows\System32\netsh.exe
e dhcp server 127.0.0.1 scope 10.0.0.0 set reservedoptionvalue 10.0.2.20 60 String "-"
-----
INFO -- : Vendor class not found
ERROR -- : Netsh failed:
```

Changed the current scope context to 10.0.0.0 scope.

The specified option does not exist.

```
ERROR -- : Unknown error while processing ''
DEBUG -- : Unknown error while processing '' (Proxy::DHCP::Error)
C:/Users/Administrator/Downloads/smart-proxy/modules/dhcp_native_ms/dhcp_native_ms_main.rb:246:in `rescue
in report'
C:/Users/Administrator/Downloads/smart-proxy/modules/dhcp_native_ms/dhcp_native_ms_main.rb:223:in `report'
C:/Users/Administrator/Downloads/smart-proxy/modules/dhcp_native_ms/dhcp_native_ms_main.rb:218:in `execute
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C:/Users/Administrator/Downloads/smart-proxy/modules/dhcp_native_ms/dhcp_native_ms_main.rb:59:in `block in
add_record'
C:/Users/Administrator/Downloads/smart-proxy/modules/dhcp_native_ms/dhcp_native_ms_main.rb:46:in `each'
C:/Users/Administrator/Downloads/smart-proxy/modules/dhcp_native_ms/dhcp_native_ms_main.rb:46:in `add_reco
rd'
C:/Users/Administrator/Downloads/smart-proxy/modules/dhcp/dhcp_api.rb:97:in `block in <class:DhcpApi>
;'
C:/Users/Administrator/Downloads/smart-proxy/vendor/ruby/2.1.0/gems/sinatra-1.4.7/lib/sinatra/base.rb:1611
:in `call'
```

so ignore errors to set that option.

Also add a test that verifies adding dhcp records and one that checks that we still correctly raise errors when we fail to set dhcp options (except for PXEClient).

History

#1 - 02/15/2016 01:13 PM - The Foreman Bot

- Status changed from New to Ready For Testing
- Assignee set to Guido Günther

#2 - 02/29/2016 09:44 AM - Anonymous

- Related to Bug #5995: Windows AD DHCP reservation creation fails with "The specified option does not exist" added

#3 - 07/21/2016 06:02 AM - Guido Günther

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

Applied in changeset [e5aa23440a5042f5697788e354c62a5be826ab30](#).

#4 - 07/21/2016 06:06 AM - Dominic Cleal

- translation missing: en.field_release set to 161

#5 - 07/22/2016 08:08 AM - Anonymous

- Related to Bug #15789: In MS DHCP provider general/Vendor options must exist before assigning values to them added

#6 - 07/22/2016 09:56 AM - Anonymous

- Related to Bug #15791: Intermittent DHCP Server Microsoft Test failures on ruby 1.8.7 added

#7 - 08/11/2016 04:19 AM - Dominic Cleal

- Has duplicate Bug #16056: Non-english locale casuses "Vendor Class not found" errors when using windows dhcp provider added

#8 - 08/11/2016 05:22 AM - Dominic Cleal

- Has duplicate deleted (Bug #16056: Non-english locale casuses "Vendor Class not found" errors when using windows dhcp provider)

#9 - 08/11/2016 05:22 AM - Dominic Cleal

- Related to Bug #16056: Non-english locale casuses "Vendor Class not found" errors when using windows dhcp provider added