Smart Proxy - Bug #13129

Intermittent failures in native MS test_records_should_have_options tests

01/12/2016 07:49 AM - Dominic Cleal

Status:	Closed		
Priority:	Normal		
Assignee:			
Category:	DHCP		
Target version:	1.10.2		
Difficulty:		**Fixed in Releases:**	
Triaged:		**Found in Releases:**	
Bugzilla link:		**Red Hat JIRA:**	
Pull request:	https://github.com/theforeman/smart-proxy/pull/362		

Description

Intermittent test failures on Ruby 1.8.7 from the following two native MS DHCP tests:

```
undefined method `[]' for nil:NilClass (NoMethodError)
/var/lib/workspace/workspace/test_proxy_develop_pr_core/puppet/2.6.0/ruby/1.8.7/modules/dhcp_nativ
e_ms/dhcp_native_ms_main.rb:148:in `loadRecordOptions'
/var/lib/workspace/workspace/test_proxy_develop_pr_core/puppet/2.6.0/ruby/1.8.7/test/dhcp_ms_nativ
e/server_ms_test.rb:188:in `test_records_should_have_options'
```

```
undefined method `[]' for nil:NilClass (NoMethodError)
/var/lib/workspace/workspace/test_proxy_develop_pr_core/puppet/2.6.0/ruby/1.8.7/modules/dhcp_nativ
e_ms/dhcp_native_ms_main.rb:148:in `loadRecordOptions'
/var/lib/workspace/workspace/test_proxy_develop_pr_core/puppet/2.6.0/ruby/1.8.7/test/dhcp_ms_nativ
e/server_ms_test.rb:196:in `test_records_should_have_options_and_values'
```

It appears that @subnet_service.all_leases("172.29.205.0").first is likely returning nil.

Related issues:

Related to Smart Proxy - Bug #4148: Unable to delete DHCP reservations on MS ...	**Resolved**	**01/21/2014**
Related to Smart Proxy - Bug #5481: Foreman Proxy unable to remove DHCP reser...	**Resolved**	**04/28/2014**
Related to Smart Proxy - Bug #2320: Foreman Proxy on Windows: Vendor Class no...	**Duplicate**	**03/14/2013**

Associated revisions

Revision b9309bfb - 01/21/2016 09:51 AM - Dmitri Dolguikh

Fixes #13129: fixes intermittent test failures in ms dhcp server

On older rubies the order of keys after hashmap merge is non-deterministic,
leading to intermittent test errors in this bit of code:
https://github.com/theforeman/smart-proxy/commit/62c9e22d#diff-153f490da42393cfc00b0e0f25a5d53cR265.

This code is broken (there are several reports about broken behavour:
http://projects.theforeman.org/issues/10556,
http://projects.theforeman.org/issues/5481,
http://projects.theforeman.org/issues/4148), to fix the tests the option parser
has been modified.

History

#1 - 01/19/2016 08:32 AM - The Foreman Bot

- Status changed from New to Ready For Testing

- Assignee set to Anonymous

- Pull request https://github.com/theforeman/smart-proxy/pull/362 added

#2 - 01/19/2016 08:34 AM - Anonymous

- Related to Bug #4148: Unable to delete DHCP reservations on MS DCHP servers added

#3 - 01/19/2016 08:36 AM - Anonymous

- Related to Bug #5481: Foreman Proxy unable to remove DHCP reservation: "IP / mac - is static - unable to delete" added

#4 - 01/21/2016 09:51 AM - Dominic Cleal

- Category changed from Tests to DHCP

- translation missing: en.field_release set to 123

#5 - 01/21/2016 10:02 AM - Anonymous

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset [b9309bfbe45ea2f2517f086e1de712ecf9fc2e1d](#).

#6 - 02/29/2016 10:09 AM - Anonymous

- Related to Bug #2320: Foreman Proxy on Windows: Vendor Class not found Error added