Smart Proxy - Bug #4148

Unable to delete DHCP reservations on MS DCHP servers

01/21/2014 12:11 PM - Oscar Vidakovic

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

Description

I have an smart proxy running under windows 7 in English for MS DHCP integration. Everything looks OK except host deletion. For example, when trying to create a new host, if DNSs creation fails for any reason, Foreman tries to rollback DHCP reservation but is unable to do it. in smartproxy logs appears:

D, [2014-01-17T15:31:16.631383 #3360] DEBUG -- : Lazy loaded 192.168.48.0/255.255.252.0 records
E, [2014-01-17T15:31:16.631383 #3360] ERROR -- : 192.168.50.7 / 00:11:22:33:44:55 is static - unable to delete
D, [2014-01-17T15:31:16.631383 #3360] DEBUG -- : C:/foreman-proxy/bin/../lib/proxy/dhcp/server/native_ms.rb:18:in `delRecord'
C:/foreman-proxy/bin/../lib/dhcp_api.rb:106:in `DELETE /dhcp/:network/:record'
c:/Ruby193/lib/ruby/gems/1.8/gems/sinatra-1.1.0/lib/sinatra/base.rb:1032:in `call'
c:/Ruby193/lib/ruby/gems/1.8/gems/sinatra-1.1.0/lib/sinatra/base.rb:1032:in `compile!'
c:/Ruby193/lib/ruby/gems/1.8/gems/sinatra-1.1.0/lib/sinatra/base.rb:620:in `instance_eval'
c:/Ruby193/lib/ruby/gems/1.8/gems/sinatra-1.1.0/lib/sinatra/base.rb:620:in `route_eval'
c:/Ruby193/lib/ruby/gems/1.8/gems/sinatra-1.1.0/lib/sinatra/base.rb:604:in `route!'
c:/Ruby193/lib/ruby/gems/1.8/gems/sinatra-1.1.0/lib/sinatra/base.rb:656:in `process_route'
c:/Ruby193/lib/ruby/gems/1.8/gems/sinatra-1.1.0/lib/sinatra/base.rb:653:in `catch'
c:/Ruby193/lib/ruby/gems/1.8/gems/sinatra-1.1.0/lib/sinatra/base.rb:653:in `process_route'
c:/Ruby193/lib/ruby/gems/1.8/gems/sinatra-1.1.0/lib/sinatra/base.rb:603:in `route!'
c:/Ruby193/lib/ruby/gems/1.8/gems/sinatra-1.1.0/lib/sinatra/base.rb:602:in `each'
c:/Ruby193/lib/ruby/gems/1.8/gems/sinatra-1.1.0/lib/sinatra/base.rb:602:in `route!'
c:/Ruby193/lib/ruby/gems/1.8/gems/sinatra-1.1.0/lib/sinatra/base.rb:741:in `dispatch!'
c:/Ruby193/lib/ruby/gems/1.8/gems/sinatra-1.1.0/lib/sinatra/base.rb:530:in `call!'
c:/Ruby193/lib/ruby/gems/1.8/gems/sinatra-1.1.0/lib/sinatra/base.rb:706:in `instance_eval'
c:/Ruby193/lib/ruby/gems/1.8/gems/sinatra-1.1.0/lib/sinatra/base.rb:706:in `invoke'
c:/Ruby193/lib/ruby/gems/1.8/gems/sinatra-1.1.0/lib/sinatra/base.rb:706:in `catch'
c:/Ruby193/lib/ruby/gems/1.8/gems/sinatra-1.1.0/lib/sinatra/base.rb:706:in `invoke'
c:/Ruby193/lib/ruby/gems/1.8/gems/sinatra-1.1.0/lib/sinatra/base.rb:530:in `call!'
c:/Ruby193/lib/ruby/gems/1.8/gems/sinatra-1.1.0/lib/sinatra/base.rb:516:in `call'
c:/Ruby193/lib/ruby/gems/1.8/gems/rack-1.2.0/lib/rack/methodoverride.rb:24:in `call'
c:/Ruby193/lib/ruby/gems/1.8/gems/rack-1.2.0/lib/rack/showexceptions.rb:24:in `call'
c:/Ruby193/lib/ruby/gems/1.8/gems/rack-1.2.0/lib/rack/commonlogger.rb:18:in `call'
c:/Ruby193/lib/ruby/gems/1.8/gems/sinatra-1.1.0/lib/sinatra/base.rb:1142:in `call'
c:/Ruby193/lib/ruby/gems/1.8/gems/sinatra-1.1.0/lib/sinatra/base.rb:1168:in `synchronize'
c:/Ruby193/lib/ruby/gems/1.8/gems/sinatra-1.1.0/lib/sinatra/base.rb:1142:in `call'
c:/Ruby193/lib/ruby/gems/1.8/gems/rack-1.2.0/lib/rack/content_length.rb:13:in `call'
c:/Ruby193/lib/ruby/gems/1.8/gems/rack-1.2.0/lib/rack/handler/webrick.rb:52:in `service'
c:/Ruby193/lib/ruby/1.8/webrick/httpserver.rb:104:in `service'
c:/Ruby193/lib/ruby/1.8/webrick/httpserver.rb:65:in `run'
c:/Ruby193/lib/ruby/1.8/webrick/server.rb:173:in `start_thread'
c:/Ruby193/lib/ruby/1.8/webrick/server.rb:162:in `start'
c:/Ruby193/lib/ruby/1.8/webrick/server.rb:162:in `start_thread'
c:/Ruby193/lib/ruby/1.8/webrick/server.rb:95:in `start'
c:/Ruby193/lib/ruby/1.8/webrick/server.rb:92:in `each'
c:/Ruby193/lib/ruby/1.8/webrick/server.rb:92:in `start'
c:/Ruby193/lib/ruby/1.8/webrick/server.rb:23:in `start'
c:/Ruby193/lib/ruby/1.8/webrick/server.rb:82:in `start'
c:/Ruby193/lib/ruby/gems/1.8/gems/rack-1.2.0/lib/rack/handler/webrick.rb:13:in `run'

C:/foreman-proxy/bin/../lib/sinatra-patch.rb:43:in `run!'
C:/foreman-proxy/bin/smart-proxy:27:in `service_main'
C:/foreman-proxy/bin/smart-proxy:38:in `mainloop'
C:/foreman-proxy/bin/smart-proxy:38
192.168.50.122 - - [17/Jan/2014 15:31:16] "DELETE /dhcp/192.168.48.0/00:11:22:33:44:55 HTTP/1.1" 400 61 116.8586
foremanmaster.latinia.test - - [17/Jan/2014:15:29:19 Romance Standard Time] "DELETE /dhcp/192.168.48.0/00:11:22:33:44:55 HTTP/1.1" 400 61
- -> /dhcp/192.168.48.0/00:11:22:33:44:55

Aditionally, if the host is created correctly and I tryied to delete it, I get the same behaviour

Related issues:		
Related to Smart Proxy - Feature #1172: MS dhcp proxy does not know about leases	**Closed**	**09/18/2011**
Related to Smart Proxy - Bug #13129: Intermittent failures in native MS test_...	**Closed**	**01/12/2016**
Related to Smart Proxy - Bug #5481: Foreman Proxy unable to remove DHCP reser...	**Resolved**	**04/28/2014**

History

#1 - 01/21/2014 12:12 PM - Dominic Cleal

- Project changed from Foreman to Smart Proxy

- Category changed from DHCP to DHCP

- translation missing: en.field_release deleted (3)

#2 - 01/30/2014 02:30 PM - Oscar Vidakovic

This issue is solved after applying the patches from issue #1172. Maybe is something related the huge delay (between 120 - 150 secs.) when creating or deleting MS DHCP records.

#3 - 03/05/2014 07:41 PM - Thomas Black

This problem exists in the the current stable reelease (1.4.1) as well as the develop release.

The problem is because DHCP option 12 is incorrectly interpreted. Depending on the option set (Standard or SUNW) option 12 is either "hostname" or "install_path". In this configuration it is meant to be hostname but it is incorrectly parsed to be "install_path" as indicated in the logs:

<---
D, [2014-03-05T17:10:49.043924 #356] DEBUG -- : found option nextServer
D, [2014-03-05T17:10:49.043924 #356] DEBUG -- : found option filename
D, [2014-03-05T17:10:49.043924 #356] DEBUG -- : found option install_path
<---

With install_path being detected instead of hostname, the deleteable flag is not set when subnet data is loaded in native_ms.rb. This prevents deletion of the record.

Commenting out option 12 - install_path under SUNW options in dhcp.rb fixes this problem as a work around.

#4 - 03/06/2014 07:41 PM - Thomas Black

The patches from #1172 change the way the hostname is detected and would appear to correct this issue.

#5 - 03/07/2014 08:40 AM - Dominic Cleal

- Related to Feature #1172: MS dhcp proxy does not know about leases added

#6 - 01/19/2016 08:34 AM - Anonymous

- Related to Bug #13129: Intermittent failures in native MS test_records_should_have_options tests added

#7 - 01/19/2016 08:35 AM - Anonymous

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

#8 - 01/21/2016 09:55 AM - Dominic Cleal

- Status changed from New to Feedback

A possible fix for the options issue has been merged to the develop branch and should be in 1.10.2 as well when that's released. I'll mark this as feedback as it may resolve the issue along with the earlier ticket - please let us know either way if you're able to test it.

#9 - 05/17/2017 11:16 AM - Anonymous

- Status changed from Feedback to Resolved

no reaction, closing