

Smart Proxy - Feature #14396

Support for subnet options inside "pool" blocks

03/30/2016 08:09 AM - Greg Sutcliffe

Status: New	
Priority: Normal	
Assignee:	
Category: DHCP	
Target version:	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link:	Red Hat JIRA:
Pull request:	
Description	
<p>Behaviour: In the UI, clicking Import Subnets goes to a page with the Gateway and Netmask correctly detected/filled in, but not the Start/End IPs according to my pool. If I hit the API, I see:</p> <pre>root@test1:/var/log/foreman-proxy# wget -q -O - - http://localhost:8000/dhcp [{"network":"10.10.0.0","netmask":"255.255.255.0","options":{"routers":["10.10.0.1"]}]</pre>	
<p>Setup: Debian Wheezy with backports, packaged 1.11 RC3 proxy. Configs:</p> <pre>dhcp.yml --- :enabled: true :use_provider: dhcp_isc dhcp_isc.yml --- :config: /etc/dhcp/dhcpd.conf :leases: /var/lib/dhcp/dhcpd.leases :omapi_port: 7911 /etc/dhcp/dhcpd.conf omapi-port 7911; default-lease-time 43200; max-lease-time 86400; ddns-update-style none; option domain-name "local.example.net"; option domain-name-servers 10.10.0.1; option ntp-servers none; allow booting; allow bootp; option fqdn.no-client-update on; option fqdn.rcode2 255; option pxegrub code 150 = text ; next-server 10.10.0.1; filename "pxelinux.0"; log-facility local7; include "/etc/dhcp/dhcpd.hosts"; subnet 10.10.0.0 netmask 255.255.255.0 { pool { range 10.10.0.100 10.10.0.200; } option subnet-mask 255.255.255.0; option routers 10.10.0.1; }</pre>	

Logs:

proxy.log

```
D, [2016-03-30T11:44:10.018564 #22508] DEBUG -- : accept: 127.0.0.1:55114
D, [2016-03-30T11:44:10.020127 #22508] DEBUG -- : Rack::Handler::WEBrick is invoked.
D, [2016-03-30T11:44:10.020808 #22508] DEBUG -- : require_ssl_client_verification: skipping, non-HTTP request
D, [2016-03-30T11:44:10.020945 #22508] DEBUG -- : Loading subnets for 127.0.0.1
D, [2016-03-30T11:44:10.020998 #22508] DEBUG -- : Reading config file /etc/dhcp/dhcpd.conf
D, [2016-03-30T11:44:10.021093 #22508] DEBUG -- : Reading config file /etc/dhcp/dhcpd.hosts
D, [2016-03-30T11:44:10.021233 #22508] DEBUG -- : Added a subnet: 10.10.0.0
I, [2016-03-30T11:44:10.021554 #22508] INFO -- : 127.0.0.1 - - [30/Mar/2016 11:44:10] "GET /dhcp HTTP/1.1" 200 87 0.0010
D, [2016-03-30T11:44:10.022427 #22508] DEBUG -- : close: 127.0.0.1:55114
```

Related issues:

Related to Smart Proxy - Feature #12211: Improve DHCP subnets parsing to get ...	Closed	10/19/2015
Related to Smart Proxy - Refactor #19441: Rewrite isc dhcpd config parser to ...	Closed	05/03/2017
Related to Foreman - Feature #19650: Issue warning when overlapping IP range ...	New	05/24/2017

History

#1 - 03/30/2016 08:16 AM - Dominic Cleal

- Description updated

#2 - 03/31/2016 04:28 AM - Dominic Cleal

- Related to Feature #12211: Improve DHCP subnets parsing to get more informations from DHCP server added

#3 - 03/31/2016 06:36 AM - Anonymous

Not sure if this should be qualified as a bug. "Range" option is supported when it's a child of "subnet". We do not parse the contents of "pool" blocks, however.

#4 - 03/31/2016 06:53 AM - Anonymous

- Tracker changed from Bug to Feature

- Subject changed from 1.11 import subnets improvements not importing ranges to Support for subnet options inside "pool" blocks

This would most likely require changes on the foreman side as well.

#5 - 03/31/2016 06:55 AM - Greg Sutcliffe

Dmitri, ah ok, that certainly explains the behaviour I'm seeing.

I'd suggest making this an RFE then - currently the dhcpd.conf above is what our puppet-dhcp module produces by default. If others use this module to manage their dhcp server (and we do say they can import the installer modules and use them to maintain the installation) then this feature won't work for them. Of course, we could also take patches to puppet-dhcp to solve the problem there instead :)

#6 - 05/03/2017 08:49 AM - Anonymous

- Related to Refactor #19441: Rewrite isc dhcpd config parser to support various nested blocks added

#7 - 05/24/2017 07:51 AM - Lukas Zapletal

- Related to Feature #19650: Issue warning when overlapping IP range with lease pool detected added