

Smart Proxy - Bug #17800

ISC Dhcpd Config Parse Error

12/20/2016 09:59 AM - Karl Vollmer

Status:	Duplicate	
Priority:	Normal	
Assignee:		
Category:	DHCP	
Target version:		
Difficulty:		Fixed in Releases:
Triaged:		Found in Releases: 1.12.4
Bugzilla link:		Red Hat JIRA:
Pull request:		

Description

After updating from Smart Proxy 9.x -> 12.4 the subnet in my dhcpd.conf was no longer being detected. I checked in on IRC, and witlessb, confirmed it was an issue with the dhcpd parser due to the use of the 'pool' option within the subnet declaration. My 'non-working' dhcpd subnet config is as follows. Removing the conditional (logically useless I know) didn't fix it..., but it's valid dhcpd jargon so I figured I'd leave it in. This worked in the 9.x release of the foreman proxy. I was able to remove the pool declaration from this config, but my other Foreman'd systems have multiple pools with different settings, so I will need this working before I can update them.

```
# Subnet
subnet 10.30.0.0 netmask 255.255.0.0 {
    default-lease-time 3600;
    max-lease-time 3600;
    option routers 10.30.0.1;
    option subnet-mask 255.255.0.0;
    option domain-name "ZZZ.";
    option domain-name-servers 10.30.0.1;
    option broadcast-address 10.30.255.255;
    if ((substring (option vendor-class-identifier, 0, 9)
        = "PXECClient") or
        (substring (option vendor-class-identifier, 0, 9)
        = "Etherboot")) {
        # i386 and x86_64
        filename "pxelinux.0";
    } else {
        filename "pxelinux.0";
    }
    pool {
        range 10.30.0.10 10.30.0.254;
        option routers 10.30.0.1;
        option domain-name-servers 10.30.0.1;
        option subnet-mask 255.255.0.0;
        option ntp-servers 10.30.0.1;
        ddns-domain-name = "ZZZ.";
    }
}
```

Related issues:

Related to Smart Proxy - Feature #19104: Ignore tagged includes for ISC DHCP	Rejected	03/31/2017
Related to Smart Proxy - Refactor #19441: Rewrite isc dhcpd config parser to ...	Closed	05/03/2017
Is duplicate of Smart Proxy - Bug #16079: ISC DHCP subnets fail to parse with...	Closed	08/11/2016

History

#1 - 12/20/2016 10:10 AM - Dominic Cleal

- Is duplicate of Bug #16079: ISC DHCP subnets fail to parse with host or class stanzas inside added

#2 - 12/20/2016 10:10 AM - Dominic Cleal

- Status changed from New to Feedback

This file appears to parse since [#16079](#), with the 10.30.0.0 subnet being registered. Can you please re-test on a newer release? This fix is available in 1.14.0-RC1.

#3 - 12/20/2016 10:18 AM - Karl Vollmer

Hm, doesn't look like anything past 12.4 is available for EL6 (what my systems are) so I guess I'm pooched till I do a full os reload, or is it safe to use the el7 repo on EL6?

Dominic Cleal wrote:

This file appears to parse since [#16079](#), with the 10.30.0.0 subnet being registered. Can you please re-test on a newer release? This fix is available in 1.14.0-RC1.

#4 - 12/20/2016 10:19 AM - Dominic Cleal

The EL7 packages are only designed for EL7.

#5 - 12/20/2016 11:15 AM - Karl Vollmer

Hmm.. it's unlikely I'm going to be in a position to update to EL7 anytime soon, removing the pool definition fixes the DHCP subnet issue, but then I hit <http://projects.theforeman.org/issues/16475> which seems to be a different blocking bug for 12.4, which doesn't appear to be being fixed? (solution update foreman-proxy is how I read that).

Has EL6 been abandoned for both proxy and server going forward, or will it be ported back at some point?

Dominic Cleal wrote:

The EL7 packages are only designed for EL7.

#6 - 03/31/2017 06:38 AM - Lukas Zapletal

I was thinking a simple workaround - when we include a file, we can skip inclusion of all files with "skip-foreman" string in the filename or directory name, therefore all the bits that are not parseable by proxy could be taken out into subdirectory. Super easy one line patch, we are unlikely rewrite whole ISC DHCP parser, it's regexp based and very limited.

#7 - 03/31/2017 06:39 AM - Lukas Zapletal

Also here is a trick to check syntax: https://github.com/iNecas/foreman_maintain/issues/46

#8 - 03/31/2017 06:49 AM - The Foreman Bot

- Status changed from Feedback to Ready For Testing

- Assignee set to Lukas Zapletal

- Pull request <https://github.com/theforeman/smart-proxy/pull/517> added

#9 - 03/31/2017 06:53 AM - Anonymous

I have a new implementation of isc config parser that will parse any valid configuration file. I'll see if I can finish it in the upcoming sprint.

#10 - 03/31/2017 06:56 AM - Dominic Cleal

Lukas, you appear to have hijacked a closed issue for your change. As discussed above, this already fixed in develop. Please use a new ticket.

#11 - 03/31/2017 07:24 AM - Lukas Zapletal

- Status changed from Ready For Testing to New

- Assignee deleted (Lukas Zapletal)

- Pull request deleted (<https://github.com/theforeman/smart-proxy/pull/517>)

Sorry!

#12 - 03/31/2017 07:25 AM - Lukas Zapletal

- Related to Feature [#19104](#): Ignore tagged includes for ISC DHCP added

#13 - 03/31/2017 07:34 AM - Dominic Cleal

- *Status changed from New to Duplicate*

#14 - 05/03/2017 08:47 AM - Anonymous

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