

Installer - Bug #13820

Proxy installation with foreman installer causes dhcp error

02/20/2016 07:42 AM - Sven Vogel

Status: Resolved	
Priority: Normal	
Assignee:	
Category:	
Target version:	
Difficulty: medium	Fixed in Releases:
Triaged:	Found in Releases: 1.10.1
Bugzilla link:	Red Hat JIRA:
Pull request:	
Description	
Hi,	
CentOS Linux release 7.2.1511 (Core) isc dhcp version 4.2.5 release 42 foreman 1.10.1	
When i use the proxy installer from web frontend an error occurs with dhcp. i think the installer dont update correctly the /etc/dhcp/dhcpd.conf.	
<pre>foreman-installer --enable-foreman-proxy --foreman-proxy-tftp=true --foreman-proxy-tftp-servername=192.168.85.30 --foreman-proxy-dhcp=true --foreman-proxy-dhcp-interface=ens3 --foreman-proxy-dhcp-gateway=192.168.85.254 --foreman-proxy-dhcp-range="192.168.85.50 192.168.85.100" --foreman-proxy-dhcp-nameservers="192.168.85.30,8.8.8.8" --foreman-proxy-dns=true --foreman-proxy-dns-interface=ens3 --foreman-proxy-dns-zone=oscloud.local --foreman-proxy-dns-reverse=85.168.192.in-addr.arpa --foreman-proxy-dns-forwarders=192.168.85.30 --foreman-proxy-foreman-base-url=https://foreman.oscloud.local --foreman-proxy-oauth-consumer-key=Y2g69oqFzj4qTMo7SZsQWrmNd7RYBUN2 --foreman-proxy-oauth-consumer-secret=9cc9sm5dfJNLp9NoPvhudMPK4V5RUX5i</pre>	
after that i get the following error	
<pre>Could not start Service[dhcpd]: Execution of '/usr/bin/systemctl start dhcpd' returned 1: Job for dhcpd.service failed because the control process exited with error code. See "systemctl status dhcpd.service" and "journalctl -xe" for details. /Stage[main]/Dhcp/Service[dhcpd]/ensure: change from stopped to running failed: Could not start Service[dhcpd]: Execution of '/usr/bin/systemctl start dhcpd' returned 1: Job for dhcpd.service failed because the control process exited with error code. See "systemctl status dhcpd.service" and "journalctl -xe" for details. Execution of '/usr/bin/yum -d 0 -e 0 -y list ruby193-rubygem-passenger-native' returned 1: Error: No matching Packages to list /Stage[main]/Foreman::Install/Package[ruby193-rubygem-passenger-native]/ensure: change from absent to present failed: Execution of '/usr/bin/yum -d 0 -e 0 -y list ruby193-rubygem-passenger-native' returned 1: Error: No matching Packages to list</pre>	
when i start after that the dhcp server manually i found that the omap values are not correctly set.	
<pre>-- Unit dhcpd.service has begun starting up. Feb 20 13:38:32 foreman.oscloud.local dhcpd[1079]: Internet Systems Consortium DHCP Server 4.2.5 Feb 20 13:38:32 foreman.oscloud.local dhcpd[1079]: Copyright 2004-2013 Internet Systems Consortium. Feb 20 13:38:32 foreman.oscloud.local dhcpd[1079]: All rights reserved. Feb 20 13:38:32 foreman.oscloud.local dhcpd[1079]: For info, please visit https://www.isc.org/software/dhcp/ Feb 20 13:38:32 foreman.oscloud.local dhcpd[1079]: /etc/dhcp/dhcpd.conf line 3: expecting key name. Feb 20 13:38:32 foreman.oscloud.local dhcpd[1079]: key { Feb 20 13:38:32 foreman.oscloud.local dhcpd[1079]: ^ Feb 20 13:38:32 foreman.oscloud.local dhcpd[1079]: /etc/dhcp/dhcpd.conf line 9: semicolon expected. Feb 20 13:38:32 foreman.oscloud.local dhcpd[1079]: default-lease-time Feb 20 13:38:32 foreman.oscloud.local dhcpd[1079]: ^</pre>	

```

Feb 20 13:38:32 foreman.oscloud.local dhcpd1079: /etc/dhcp/dhcpd.conf line 9: expecting a parameter or declaration
Feb 20 13:38:32 foreman.oscloud.local dhcpd1079: default-lease-time 43200;
Feb 20 13:38:32 foreman.oscloud.local dhcpd1079: ^
Feb 20 13:38:32 foreman.oscloud.local dhcpd1079: Configuration file errors encountered -- exiting
Feb 20 13:38:32 foreman.oscloud.local dhcpd1079:
Feb 20 13:38:32 foreman.oscloud.local dhcpd1079: This version of ISC DHCP is based on the release available
Feb 20 13:38:32 foreman.oscloud.local dhcpd1079: on ftp.isc.org. Features have been added and other changes
Feb 20 13:38:32 foreman.oscloud.local dhcpd1079: have been made to the base software release in order to make
Feb 20 13:38:32 foreman.oscloud.local dhcpd1079: it work better with this distribution.
Feb 20 13:38:32 foreman.oscloud.local dhcpd1079:
Feb 20 13:38:32 foreman.oscloud.local dhcpd1079: Please report for this software via the CentOS Bugs Database:
Feb 20 13:38:32 foreman.oscloud.local dhcpd1079: http://bugs.centos.org/
Feb 20 13:38:32 foreman.oscloud.local dhcpd1079:
Feb 20 13:38:32 foreman.oscloud.local dhcpd1079: exiting.
Feb 20 13:38:32 foreman.oscloud.local systemd1: dhcpd.service: main process exited, code=exited, status=1/FAILURE
Feb 20 13:38:32 foreman.oscloud.local systemd1: Failed to start DHCPv4 Server Daemon.

```

when i check the dhcd.conf

```
[root@foreman settings.d]# cat /etc/dhcp/dhcpd.conf
```

```

1. dhcpd.conf
  omapi-port 7911;
  key {
    algorithm HMAC-MD5;
    secret "";
  }
  omapi-key ;

default-lease-time 43200;
max-lease-time 86400;

ddns-update-style none;

option domain-name "oscloud.local";
option domain-name-servers 192.168.85.30, 8.8.8.8;
option ntp-servers none;

allow booting;
allow bootp;

option fqdn.no-client-update on; # set the "O" and "S" flag bits
option fqdn.rcode2 255;
option pxegrub code 150 = text ;

1. PXE Handoff.
  next-server 192.168.85.30;
  filename "pxelinux.0";

log-facility local7;

include "/etc/dhcp/dhcpd.hosts"; #####

1. oscloud.local #####
  subnet 192.168.85.0 netmask 255.255.255.0 {
    pool {
      range 192.168.85.50 192.168.85.100;
    }

option subnet-mask 255.255.255.0;
option routers 192.168.85.254;
}

```

you will see that the omapi values are not correctly set. normally it should look like below but i think the installer forget anything. the "omapi" keyword is forgotten ... you will se it above when you compare these two.

```
omapi-port 7911;
```

```
key omapi_key {
algorithm HMAC-MD5;
secret "XXXXXXXXXX"; #-The output from the generated key above.
};
omapi-key omapi_key;

is there a fix for that?

greetings

Sven
```

History

#1 - 02/20/2016 07:59 AM - Sven Vogel

maybe i found the problem. in my answer file there was not set the omapi key and the secret. i thought the answer file will be created new?

thanks

Sven

#2 - 02/22/2016 03:52 AM - Dominic Cleal

- *Project changed from Foreman to Installer*
- *Category deleted (DHCP)*
- *Status changed from New to Resolved*

This has been fixed in puppet-dhcp for 1.11: <https://github.com/foreman/puppet-dhcp/commit/7d49b00ee1989c83d8664fc6e47880544894958c>

It now leaves the OMAPI key configuration out when the value is empty.