

Smart Proxy - Support #15210

Create DHCP Settings for <host> task failed with the following error: ERF12-6899

[ProxyAPI::ProxyException]: Unable to set DHCP entry ([RestClient::ResourceNotFound]: 404 Resource Not Found)

05/26/2016 07:50 PM - laxman veeturi

Status: Resolved	
Priority: Normal	
Assignee:	
Category: DHCP	
Target version:	
Triaged:	Found in Releases:
Fixed in Releases:	

Description

DHCP proxy is not working in foreman 1.11.2. I got the following error ERF12-6899 [ProxyAPI::ProxyException]: Unable to set DHCP entry ([RestClient::ResourceNotFound])

I configured my DHCP Settings as below

dhcpd.conf:

```
[root@ol07frm01 ~]# cat /etc/dhcp/dhcpd.conf
ddns-update-style interim;
ignore client-updates;
authoritative;
allow booting;
allow bootp;

omapi-port 7911;
#Optional key:
key omapi_key {
algorithm HMAC-MD5;
secret "F6wbnGJ6rI66sTgIWDpP2mD7uAQ8+z8A87/DGvrYimGNiROVRoDUJOYLtsF+ZeM2ZXYuctw30Bom/SwBT
Cq0xA==";
}
omapi-key omapi_key;

subnet 129.135.66.0 netmask 255.255.255.0 {
# --- default gateway
option routers 129.135.66.2;
option subnet-mask 255.255.255.0;

option domain-name "lax.com";
# option domain-name-servers 10.1.1.1, 8.8.8.8;
# option log-servers syslog;
# option ntp-servers ntp;

range dynamic-bootp 129.135.66.236 129.135.66.254;
default-lease-time 21600;
max-lease-time 43200;
next-server 129.135.66.236 ;
filename "pxelinux.0";

}
```

dhcp.yml:

```
[root@ol07frm01 ~]# cat /etc/foreman-proxy/settings.d/dhcp.yml
---
# Enable DHCP management
# Can be true, false, or http/https to enable just one of the protocols
```

```
:enabled: https

# valid providers:
# - dhcp_isc (ISC dhcp server)
# - dhcp_native_ms (Microsoft native implementation)
# - dhcp_virsh (simple implementation for libvirt)
:use_provider: dhcp_isc
:server: 127.0.0.1
# subnets restricts the subnets queried to a subset, to reduce the query time.
#:subnets: [192.168.205.0/255.255.255.128, 192.168.205.128/255.255.255.128]
:subnets: [129.135.66.0/255.255.255.0]
:config: /etc/dhcp/dhcpd.conf
:leases: /var/lib/dhcpd/dhcpd.leases
:omapi_port: 7911
:key_name: omapi_key
:key_secret: F6wbnGJ6rI66sTgIWDbP2mD7uAQ8+z8A87/DGvYimGNiROVRODUJOYLtsF+ZeM2ZXYuctw30Bom/SwBTCq0xA==
```

```
[root@ol07frm01 ~]# ll -lrt /etc/foreman-proxy/settings.d/dhcp.yml
-rw-r----- 1 root foreman-proxy 723 May 26 19:37 /etc/foreman-proxy/settings.d/dhcp.yml
```

I installed foreman-dhcp_browser and configured DHCP subnet also.
It was working in foreman 1.10.2

Please help me

History

#1 - 05/27/2016 10:08 AM - Stephen Benjamin

- *Tracker changed from Bug to Support*
- *Project changed from Foreman Remote Execution to Smart Proxy*
- *Category set to DHCP*

#2 - 05/27/2016 10:17 AM - Dominic Cleal

- *Description updated*

Please check and provide logs! Particularly /var/log/foreman-proxy/proxy.log, and consider dropping the log level to DEBUG to get more information while testing this.

#3 - 06/01/2016 09:16 AM - laxman veeturi

- *File foreman_dhcp.PNG added*

Hello,

Sorry for the delay. DHCP is working now. I changed DHCP set up as below

```
[root@ol07fnn00 ~]# cat /etc/foreman-proxy/settings.d/dhcp.yml
---
```

1. Enable DHCP management
2. Can be true, false, or http/https to enable just one of the protocols
:enabled: https
1. valid providers:
2. - dhcp_isc (ISC dhcp server)
3. - dhcp_native_ms (Microsoft native implementation)
4. - dhcp_virsh (simple implementation for libvirt)
:use_provider: dhcp_isc
:server: 127.0.0.1

```
[root@ol07fnn00 ~]# cat /etc/foreman-proxy/settings.d/dhcp_isc.yml
--- #
```

1. Configuration file for ISC dhcp provider #

```
:config: /etc/dhcp/dhcpd.conf
:leases: /var/lib/dhcpd/dhcpd.leases
```

- 1. Redhat 5 #
#:config: /etc/dhcpd.conf #
- 2. Settings for Ubuntu #
#:config: /etc/dhcp3/dhcpd.conf
#:leases: /var/lib/dhcp3/dhcpd.leases

1. Specifies TSIG key name and secret

```
#:key_name: secret_key_name  
#:key_secret: secret_key
```

```
#:omapi_port: 7911
```

1. use :server setting in dhcp.yml if you are managing a dhcp server which is not localhost

```
:omapi_port: 7911  
:key_name: omapi_key  
:key_secret: 9F6da6/HWvSFDTpjvfwda9+9Qw/ugA9BlocWlYnraUzFPSja/0oN3/VJ2CpwQzWPme21Cz59lbbLMhoVFI/2w==
```

I removed DHCP configuration files and omapi_key details from dhcp.yml and added in dhcp_isc.yms.
Now it is working.

Thanks for the help

#4 - 06/01/2016 09:19 AM - laxman veeturi

sorry for the typo. not dhcp_isc.yms. it is dhcp_isc.yml

#5 - 06/01/2016 09:20 AM - Anonymous

- Status changed from New to Resolved

Files

foreman_dhcp.PNG	46.8 KB	06/01/2016	laxman veeturi
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