

Smart Proxy - Bug #8151

Reinstallation of dhcp package breaks proxy access to /etc/dhcp

10/29/2014 06:38 AM - Dominic Cleal

Status:	Resolved	
Priority:	Normal	
Assignee:		
Category:	DHCP	
Target version:		
Difficulty:		Fixed in Releases:
Triaged:		Found in Releases:
Bugzilla link:	1156371	Red Hat JIRA:
Pull request:		

Description

Cloned from https://bugzilla.redhat.com/show_bug.cgi?id=1156371

```
[root@nightly ~]# ll /etc/dhcp -d
drwxr-xr-x. 3 root root 4096 Oct 22 08:02 /etc/dhcp

[root@nightly ~]# yum reinstall dhcp
...
Complete!

[root@nightly ~]# ll /etc/dhcp -d
drwxr-x---. 3 root root 4096 Oct 24 05:16 /etc/dhcp

[root@nightly ~]# service foreman-proxy restart
Stopping foreman-proxy: [ OK ]
Starting foreman-proxy: [ OK ]

[root@nightly ~]# curl -H "Accept:application/json" -k --cert /var/lib/puppet/ssl/certs/nightly.zzz.lan.pem --key /var/lib/puppet/ssl/private_keys/nightly.zzz.lan.pem https://nightly.zzz.lan:8443/dhcp/192.168.222.0
Unable to find the DHCP configuration or lease files

[root@nightly ~]# chmod o+x /etc/dhcp

[root@nightly ~]# curl -H "Accept:application/json" -k --cert /var/lib/puppet/ssl/certs/nightly.zzz.lan.pem --key /var/lib/puppet/ssl/private_keys/nightly.zzz.lan.pem https://nightly.zzz.lan:8443/dhcp/192.168.222.0
{"leases":[],"reservations":[]}
```

Therefore the workaround is to do `chmod o+x /etc/dhcp` in the sysvinit/systemd startup script of the proxy.

QA: To verify the bug, use the scenario above, plus make sure the foreman installer in dry run (-n) does not print any other planned changes:

```
[root@nightly ~]# foreman-installer -v -n
...
[ WARN 2014-10-24 06:07:35 verbose] /File[/etc/dhcp]/mode: current_value 0751, should be 0755 (no op)
...
```

Also try to reinstall other software to verify similar scenarios: dhcp, bind, tftp, puppet, bmc/ipmi, facter.

For the record, there are more of these:

```
yum reinstall dhcp bind tftp-server puppet facter
```

Then:

```
[ WARN 2014-10-24 08:58:18 verbose] /File[/var/named/dynamic]/mode: current_value 0770, should be 0750 (noop)
[ WARN 2014-10-24 08:58:19 verbose] /File[/etc/dhcp]/mode: current_value 0750, should be 0755 (noop)
```

History

#1 - 10/29/2014 06:42 AM - Dominic Cleal

- *Description updated*
- *Category set to DHCP*

I'm unsure about putting this in an init script or package (could use a trigger), as it's introduced by the installer configuration. Maybe there's a better long term solution that doesn't involve reading /etc/dhcp too?

Maybe it should be raised as a BZ in Fedora against the package and work from there, as the Debian package ships with 0755 permissions.

#2 - 10/29/2014 01:27 PM - Lukas Zapletal

Indeed its nicer to have it fixed but I do not think this is rhelbackportable. Thus we need a hack too. Trigger sounds better. Lets raise the Fedora BZ first with a request for a group.

#3 - 11/24/2014 01:13 PM - Joshua Hoblitt

I've had trouble with package updates on el6 breaking the permissions on dhcpd.conf as well. It's an ugly hack but I've resorted to setting the immutable xattr.

```
$ lsattr /etc/dhcp/dhcpd.conf
----i-----e- /etc/dhcp/dhcpd.conf
```

The omapi protocol makes my head explode but I believe it's not possible to query for all objects of a given type, which is why dhcpd.conf is being parsed.

#4 - 05/20/2017 04:48 AM - Anonymous

what's the status here? I guess there's not so much we can do without changing the dhcpd RPM

#5 - 04/06/2018 08:45 AM - Ewoud Kohl van Wijngaarden

- *Status changed from New to Resolved*

In https://github.com/theforeman/puppet-foreman_proxy/commit/bde9c889a9bd2816df89483962852e37c5e39c29 we implemented a workaround of applying ACLs on EL systems (with a few later commits to fix some issues). That's the best we can do I think.