

Smart Proxy - Bug #24978

ISC DHCP parser does not support DDNS entries

09/19/2018 01:23 PM - Ian Freislich

| | | |
|--|---|----------------------------------|
| Status: | Closed | |
| Priority: | Normal | |
| Assignee: | Lukas Zapletal | |
| Category: | DHCP | |
| Target version: | | |
| Difficulty: | | Fixed in Releases: 1.20.0 |
| Triaged: | No | Found in Releases: 1.19.0 |
| Bugzilla link: | | Red Hat JIRA: |
| Pull request: | https://github.com/theforeman/smart-proxy/pull/609 | |
| Description | | |
| <p>It appears that the parser is still unable to parse some lease UUIDs. For now I've removed all ddns-dhcid from the leases file and configured 'interim' ddns updates instead of 'standard'.</p> <pre>E, [2018-09-18T12:02:23.452831] ERROR -- : Couldn't enable 'dhcp_isc':</pre> <pre>in /var/lib/dhcp/dhcpd.leases:409 at 48, expect token [keyword_server_ duid] dns-dhcid = "\000\000\001`R\351.\301\365}\214j\027\252\262\337= \362\\\200\026\26</pre> <p>This is the offending UUID from the leases file:</p> <pre>set ddns-dhcid = "\000\000\001`R\351.\301\365}\214j\027\252\262\337= \362\\\200\026\264\357\363\033\322\227\274C\253\225t\314";</pre> | | |
| Related issues: | | |
| Related to Smart Proxy - Bug #23433: ISC DHCP new parser my break when parsin... | Closed | 04/27/2018 |
| Related to Smart Proxy - Bug #23031: ISC DHCP new parser is still unable to p... | Closed | |

Associated revisions

Revision a2aa7618 - 10/03/2018 11:47 AM - Lukas Zapletal

Fixes #24978 - support for DDNS lease entries

History

#1 - 09/19/2018 01:24 PM - Ian Freislich

Forgot to mention that I've tried the dhcp smart proxy from 'develop'.

#2 - 09/19/2018 01:25 PM - Ian Freislich

- Related to Bug #23433: ISC DHCP new parser my break when parsing lease uids added

#3 - 09/19/2018 01:26 PM - Ian Freislich

- Related to Bug #23031: ISC DHCP new parser is still unable to parse DUID added

#4 - 09/19/2018 01:33 PM - Anonymous

- Assignee deleted (Anonymous)

Do not assign tickets to people, please.

#5 - 09/21/2018 10:35 AM - Lukas Zapletal

- Subject changed from ISC DHCP parser still breaks on lease UUID to ISC DHCP parser does not support DDNS entries

Hello, ddns-dhcid is not lease UUID, these are DDNS statements and they are not supported by the parser.

Paste us full lease declaration here for the future reference please.

#6 - 09/21/2018 04:19 PM - Ian Freislich

Lukas Zapletal wrote:

Hello, ddns-dhcid is not lease UUID, these are DDNS statements and they are not supported by the parser.

OK. The parser doesn't choke on all the entries though. The following lease parses:

```
lease 10.20.3.29 {
  starts 5 2018/09/21 14:27:44;
  ends 5 2018/09/21 20:27:44;
  cltt 5 2018/09/21 14:27:44;
  binding state active;
  next binding state free;
  rewind binding state free;
  hardware ethernet 78:84:3c:32:db:75;
  set ddns-dhcid = "\000\000\001V\262\204\326\014x)\340M\255\213?I%\374\025\262\261\245e\\\270\311\340\247\363\250\2473\2452V";
  set ddns-fwd-name = "aquablaze.ags01.trainctrs.trng";
  set ddns-rev-name = "29.3.20.10.in-addr.arpa.";
  client-hostname "aquablaze";
}
```

Paste us full lease declaration here for the future reference please.

Here's a lease that breaks the parser (the lease following the one above in the file):

```
lease 10.20.3.24 {
  starts 5 2018/09/21 14:59:32;
  ends 5 2018/09/21 20:59:32;
  cltt 5 2018/09/21 14:59:32;
  binding state active;
  next binding state free;
  rewind binding state free;
  hardware ethernet f0:1f:af:06:8b:8c;
  set ddns-dhcid = "\000\000\0011cD\232Lq\226J\023R\265\336g?\332D\177h\301 \027\017\010r0\306\235\314a\302}\2
00";
  set ddns-fwd-name = "lab8-12.ags01.trainctrs.trng";
  set ddns-rev-name = "24.3.20.10.in-addr.arpa.";
  client-hostname "lab8-12";
}
```

#7 - 09/24/2018 01:58 PM - The Foreman Bot

- Status changed from New to Ready For Testing
- Assignee set to Lukas Zapletal
- Pull request <https://github.com/theforeman/smart-proxy/pull/609> added

#8 - 09/24/2018 02:43 PM - Ian Freislich

When I apply the patch from pull request 609, I get the following error starting my proxy:

```
E, [2018-09-24T10:24:53.973639 ] ERROR -- : Couldn't enable 'dhcp_isc': undefined method `join' for "vendor-class-identifier=\"MSFT 5.0\"":String
D, [2018-09-24T10:24:53.973775 ] DEBUG -- : ["/usr/share/foreman-proxy/modules/dhcp_common/isc/configuration_parser.rb:135:in `visit'",
"/usr/share/foreman-proxy/modules/dhcp_common/isc/configuration_parser.rb:122:in `block in visit'",
"/usr/share/foreman-proxy/modules/dhcp_common/isc/configuration_parser.rb:122:in `each'",
"/usr/share/foreman-proxy/modules/dhcp_common/isc/configuration_parser.rb:122:in `visit'",
"/usr/share/foreman-proxy/modules/dhcp_common/isc/configuration_parser.rb:431:in `block in visit_parse_tree_nodes'",
"/usr/share/foreman-proxy/modules/dhcp_common/isc/configuration_parser.rb:430:in `each'",
"/usr/share/foreman-proxy/modules/dhcp_common/isc/configuration_parser.rb:430:in `visit_parse_tree_nodes'",
"/usr/share/foreman-proxy/modules/dhcp_common/isc/configuration_parser.rb:424:in `start_visiting_parse_tree_nodes'",
"/usr/share/foreman-proxy/modules/dhcp_common/isc/configuration_parser.rb:442:in `subnets_hosts_and_leases'",
"/usr/share/foreman-proxy/modules/dhcp_common/isc/subnet_service_initialization.rb:17:in `load_leases_file'",
"/usr/share/foreman-proxy/modules/dhcp_isc/isc_state_changes_observer.rb:156:in `load_leases_file'",
"/usr/share/foreman-proxy/modules/dhcp_isc/isc_state_changes_observer.rb:130:in `block in do_start'",
"/usr/share/foreman-proxy/modules/dhcp_common/subnet_service.rb:154:in `block in group_changes'", "/usr/lib/ruby/2.5.0/monitor.rb:226:in
`mon_synchronize'", "/usr/share/foreman-proxy/modules/dhcp_common/subnet_service.rb:154:in `group_changes'",
"/usr/share/foreman-proxy/modules/dhcp_isc/isc_state_changes_observer.rb:128:in `do_start'",
"/usr/share/foreman-proxy/modules/dhcp_isc/isc_state_changes_observer.rb:80:in `start'",
"/usr/share/foreman-proxy/modules/dhcp_isc/inotify_leases_file_observer.rb:42:in `start'",
```

```
"/usr/share/foreman-proxy/lib/proxy/plugin_initializer.rb:238:in `block in start_services'", "/usr/share/foreman-proxy/lib/proxy/plugin_initializer.rb:236:in `each'", "/usr/share/foreman-proxy/lib/proxy/plugin_initializer.rb:236:in `start_services'", "/usr/share/foreman-proxy/lib/proxy/plugin_initializer.rb:221:in `configure_plugin'", "/usr/share/foreman-proxy/lib/proxy/plugin_initializer.rb:92:in `block in configure'", "/usr/share/foreman-proxy/lib/proxy/plugin_initializer.rb:92:in `each'", "/usr/share/foreman-proxy/lib/proxy/plugin_initializer.rb:92:in `configure'", "/usr/share/foreman-proxy/lib/proxy/plugin_initializer.rb:170:in `block in initialize_plugins'", "/usr/share/foreman-proxy/lib/proxy/plugin_initializer.rb:170:in `each'", "/usr/share/foreman-proxy/lib/proxy/plugin_initializer.rb:170:in `initialize_plugins'", "/usr/share/foreman-proxy/lib/launcher.rb:166:in `launch'", "/usr/share/foreman-proxy/bin/smart-proxy:6:in `<main>'"]
```

I think it's choking on this:

```
lease 10.20.3.28 {
  starts 1 2018/09/24 12:11:53;
  ends 1 2018/09/24 18:11:53;
  cltt 1 2018/09/24 12:11:53;
  binding state active;
  next binding state free;
  rewind binding state free;
  hardware ethernet 54:ab:3a:9b:37:8f;
  uid "\001T\253:\2337\217";
  set ddns-rev-name = "28.3.20.10.in-addr.arpa.";
  set ddns-txt = "3173e9f167e59d464c54d36a2116849bcb";
  set ddns-fwd-name = "LAPTOP-TFQP5BD8.ags01.trainctrs.trng";
  set vendor-class-identifier = "MSFT 5.0";
  client-hostname "LAPTOP-TFQP5BD8";
}
```

#9 - 09/25/2018 07:10 AM - Lukas Zapletal

Updated the patch, please let's take this on github.

#10 - 10/03/2018 11:48 AM - Anonymous

- Fixed in Releases 1.20.0 added

#11 - 10/03/2018 12:01 PM - Anonymous

- Status changed from Ready For Testing to Closed

Applied in changeset [a2aa7618d42398be87242db3f36b3c32eec93696](#).