

Installer - Bug #18113

Parameter foreman-proxy-dhcp-range invalid: false is not a valid string

01/17/2017 01:57 PM - James Perry

Status:	Closed	
Priority:	Normal	
Assignee:	Dominic Cleal	
Category:	Foreman modules	
Target version:	1.14.1	
Difficulty:		Fixed in Releases:
Triaged:		Found in Releases: 1.14.0
Bugzilla link:		Red Hat JIRA:
Pull request:	https://github.com/theforeman/foreman-installer/pull/218	

Description

I am in the process of upgrading from Foreman 1.13.2 to 1.14. When I ran `foreman-installer --verbose` (Step 3C) it gave the error:

```
Parameter foreman-proxy-dhcp-range invalid: false is not a valid string
```

```
[ INFO 2017-01-17 12:04:30 verbose] Executing hooks in group pre_migrations
[ INFO 2017-01-17 12:04:30 verbose] All hooks in group pre_migrations finished
[ INFO 2017-01-17 12:04:30 verbose] Executing hooks in group boot
[ INFO 2017-01-17 12:04:30 verbose] All hooks in group boot finished
[ INFO 2017-01-17 12:04:30 verbose] Executing hooks in group init
[ INFO 2017-01-17 12:04:30 verbose] All hooks in group init finished
[ INFO 2017-01-17 12:04:30 verbose] Loading default values from puppet modules...
[ INFO 2017-01-17 12:04:30 verbose] ... finished
[ INFO 2017-01-17 12:04:30 verbose] Executing hooks in group pre_values
[ INFO 2017-01-17 12:04:30 verbose] All hooks in group pre_values finished
[ INFO 2017-01-17 12:04:30 verbose] Executing hooks in group pre_validations
[ INFO 2017-01-17 12:04:30 verbose] All hooks in group pre_validations finished
[ INFO 2017-01-17 12:04:30 verbose] Running validation checks
*[ERROR 2017-01-17 12:04:30 verbose] Parameter foreman-proxy-dhcp-range invalid: false is not a valid string *
```

Running `foreman-installer --help` and looking for `foreman-proxy-dhcp-range` notes the default is "false"

1. `foreman-installer --help | grep dhcp-range`
--foreman-proxy-dhcp-range Space-separated DHCP pool range (default: false)

Attached run of "`foreman-installer --verbose -l debug`"

In the `/usr/share/foreman-installer/modules/foreman_proxy/CHANGELOG.md` there is a reference for 5.0.0 that says

- Fix `dhcp_range` default to be `undef`

Further checking / testing found that this error occurs when:

1. Run with no options --> `# foreman-installer`

1. `foreman-installer`
Parameter `foreman-proxy-dhcp-range` invalid: false is not a valid string
Error during configuration, exiting

2. Run with `--verbose, --foreman-prox-dhcp-range` (with no setting)

1. `foreman-installer --noop --verbose --foreman-proxy-dhcp-range`
[INFO 2017-01-17 12:37:30 verbose] Executing hooks in group pre_migrations
...
[INFO 2017-01-17 12:37:30 verbose] Running validation checks

```
[ERROR 2017-01-17 12:37:30 verbose] Parameter foreman-proxy-dhcp-range invalid: false is not a valid string
Error during configuration, exiting
```

The error clears and runs if run with **foreman-installer --noop --foreman-proxy-dhcp-range ""**, **foreman-installer --noop --foreman-proxy-dhcp-range=undef**, **foreman-installer --noop --foreman-proxy-dhcp-range=false**

I'm not familiar enough with the underlying foreman-installer code to track down where the **foreman_proxy::params::dhcp_range** value is evaluating the foreman-proxy-dhcp-range to be determine that false is not a valid string.

What I did find is that in the following files I found a reference to dhcp_range.

```
/usr/share/foreman-installer/modules/foreman_proxy/manifests/init.pp
$dhcp_range      = $foreman_proxy::params::dhcp_range
```

```
/usr/share/foreman-installer/modules/foreman_proxy/manifests/params.pp
$dhcp_range      = undef
```

```
usr/share/foreman-installer/modules/foreman_proxy/manifests/proxydhcp.pp
range            => $foreman_proxy::dhcp_range
```

```
/usr/share/foreman-installer/parser_cache/foreman.yaml
dhcp_range: "foreman_proxy::params::dhcp_range"
```

Associated revisions

Revision 08bb5091 - 01/18/2017 06:01 AM - Dominic Cleal

fixes #18113 - change dhcp_range from false to undef

The module permits `Optional[String]` for this parameter, so it's preferred to use `undef/nil` instead of `false` to disable it.

History

#1 - 01/17/2017 01:59 PM - James Perry

- Category set to DHCP

#2 - 01/17/2017 01:59 PM - James Perry

- Category deleted (DHCP)

#3 - 01/17/2017 02:06 PM - James Perry

Just and FYI. The host is not setup to do DHCP or provision any bare metal or VMs at this time. Not sure if it matters in this respect, but wanted to ensure it was noted.

#4 - 01/17/2017 02:22 PM - James Perry

When I hard set `--foreman-proxy-dhcp-range="false"` the next time foreman-installer was run the error didn't re-appear.

It seems that there needs to be an additional check to see if the value is set, even if incorrectly. The added `=undef` value didn't seem to propagate correctly through or into the desired file.

I have a foreman-answers from 10/31/2016 that has `dhcp_range: false` set, so it has been there since I updated to 13.2.

#5 - 01/18/2017 02:59 AM - Dominic Cleal

- Project changed from Foreman to Installer

- Category set to Foreman modules

- translation missing: `en.field_release` set to 210

#6 - 01/18/2017 05:56 AM - Dominic Cleal

- Status changed from New to Assigned

- Assignee set to Dominic Cleal

#7 - 01/18/2017 06:02 AM - The Foreman Bot

- Status changed from Assigned to Ready For Testing

- Pull request <https://github.com/theforeman/foreman-installer/pull/218> added

#8 - 01/18/2017 10:01 AM - Dominic Cleal

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset [08bb5091c7b41e2d062b779054d9a7c9d2dd239d](#).

Files

foreman-installer-debug.txt	31.3 KB	01/17/2017	James Perry
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