

Installer - Bug #34837

Undefined method `[]` when accessing facts

04/28/2022 06:06 PM - Oleg Vasiliev

Status:	Need more information	
Priority:	Normal	
Assignee:		
Category:	foreman-installer script	
Target version:		
Difficulty:		Fixed in Releases:
Triaged:	No	Found in Releases: 3.2.0
Bugzilla link:		Red Hat JIRA:
Pull request:		

Description

Env:

- Fresh Ubuntu 20.04.4 (somewhat customized image)
- Foreman 3.2.0-1 from official repos
- Official install guide https://www.theforeman.org/manuals/3.2/quickstart_guide.html

I'm trying to install foreman via foreman-installer. First, it crashes on install and later on any run. Command line arguments isn't parsed (ignores all parameters):

Traceback (most recent call last):

```
13: from /usr/sbin/foreman-installer:8:in `'
12: from /usr/lib/ruby/vendor_ruby/kafo/kafo_configure.rb:50:in `run'
11: from /usr/lib/ruby/vendor_ruby/clamp/command.rb:132:in `run'
10: from /usr/lib/ruby/vendor_ruby/clamp/command.rb:132:in `new'
 9: from /usr/lib/ruby/vendor_ruby/kafo/kafo_configure.rb:115:in `initialize'
 8: from /usr/lib/ruby/vendor_ruby/kafo/configuration.rb:325:in `run_migrations'
 7: from /usr/lib/ruby/vendor_ruby/kafo/migrations.rb:35:in `run'
 6: from /usr/lib/ruby/vendor_ruby/kafo/migrations.rb:35:in `each'
 5: from /usr/lib/ruby/vendor_ruby/kafo/migrations.rb:38:in `block in run'
 4: from /usr/lib/ruby/vendor_ruby/kafo/migration_context.rb:10:in `execute'
 3: from /usr/lib/ruby/vendor_ruby/kafo/migration_context.rb:10:in `instance_eval'
 2: from /usr/lib/ruby/vendor_ruby/kafo/migrations.rb:25:in `block (2 levels) in load_migrations'
 1: from /usr/lib/ruby/vendor_ruby/kafo/migrations.rb:25:in `instance_eval'
/etc/foreman-installer/scenarios.d/foreman.migrations/20200909151007_manage_acls_on_debian.rb:1:in
`block (2 levels) in load_migrations': undefined method `[]' for nil:NilClass (NoMethodError)
```

Then, if I remove or comment file

```
/etc/foreman-installer/scenarios.d/foreman.migrations/20200909151007_manage_acls_on_debian.rb
```

foreman-installer starts working but crashes later anyway:

```
/tmp# foreman-installer
2022-04-26 15:50:14 [NOTICE] [root] Loading installer configuration. This will take some time.
2022-04-26 15:50:25 [NOTICE] [root] Running installer with log based terminal output at level NOTI
CE.
2022-04-26 15:50:25 [NOTICE] [root] Use -l to set the terminal output log level to ERROR, WARN, NO
TICE, INFO, or DEBUG. See --full-help for definitions.
Traceback (most recent call last):
 14: from /usr/sbin/foreman-installer:8:in `'
 13: from /usr/lib/ruby/vendor_ruby/kafo/kafo_configure.rb:50:in `run'
 12: from /usr/lib/ruby/vendor_ruby/clamp/command.rb:132:in `run'
 11: from /usr/lib/ruby/vendor_ruby/kafo/kafo_configure.rb:180:in `run'
 10: from /usr/lib/ruby/vendor_ruby/clamp/command.rb:63:in `run'
  9: from /usr/lib/ruby/vendor_ruby/kafo/kafo_configure.rb:199:in `execute'
```

```
8: from /usr/lib/ruby/vendor_ruby/kafo/hooks/30-el7_upgrade_postgresql.rb:26:in
`block (4 levels) in load'
7: from /usr/lib/ruby/vendor_ruby/kafo/hooks/30-el7_upgrade_postgresql.rb:26:in
`block (4 levels) in load'
6: from /usr/lib/ruby/vendor_ruby/kafo/hooks/30-el7_upgrade_postgresql.rb:26:in
`block (4 levels) in load'
5: from /usr/lib/ruby/vendor_ruby/kafo/hooks/30-el7_upgrade_postgresql.rb:26:in
`block (4 levels) in load'
4: from /usr/lib/ruby/vendor_ruby/kafo/hooks/30-el7_upgrade_postgresql.rb:26:in
`block (4 levels) in load'
3: from /usr/lib/ruby/vendor_ruby/kafo/hooks/30-el7_upgrade_postgresql.rb:26:in
`block (4 levels) in load'
2: from /usr/lib/ruby/vendor_ruby/kafo/hooks/30-el7_upgrade_postgresql.rb:26:in
`block (4 levels) in load'
1: from /usr/lib/ruby/vendor_ruby/kafo/hooks/30-el7_upgrade_postgresql.rb:26:in
`block (4 levels) in load'
/usr/share/foreman-installer/hooks/boot/01-kafo-hook-extensions.rb:93:in `el7?': undefined method
`[]' for nil:NilClass (NoMethodError)
```

Adding `puts facts` to `20200909151007_manage_acls_on_debian.rb` makes me think that `facts` is empty for some reason but factor is present and working normally (strace also shows it working and was run).

What's the problem it could be?

History

#1 - 02/21/2023 11:01 AM - Ewoud Kohl van Wijngaarden

Which version of Factor was used? My only thought here is that Factor doesn't have an os fact, though that was introduced in Factor 2.4 IIRC, so a long time ago.

#2 - 08/30/2023 10:30 AM - Ewoud Kohl van Wijngaarden

- Status changed from New to Need more information