

## Installer - Bug #21617

### Errors when running foreman-installer

11/09/2017 02:41 PM - Ingvar Mattsson

<b>Status:</b> New	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b>	
<b>Target version:</b>	
<b>Difficulty:</b>	<b>Fixed in Releases:</b>
<b>Triaged:</b>	<b>Found in Releases:</b>
<b>Bugzilla link:</b>	<b>Red Hat JIRA:</b>
<b>Pull request:</b>	
<b>Description</b>	
<p>Tested on a fresh AWS EC2 RHEL7.4 instance (the only non-listed command was running "sudo bash" as ec2-user), these commands were run:</p> <pre>[root@ip-172-31-92-150 ec2-user]# history 1 yum-config-manager --enable rhel-7-server-optional-rpms 2 yum -y install <a href="https://yum.puppetlabs.com/puppetlabs-release-el-7.noarch.rpm">https://yum.puppetlabs.com/puppetlabs-release-el-7.noarch.rpm</a> 3 yum -y install <a href="https://dl.fedoraproject.org/pub/epel/epel-release-latest-7.noarch.rpm">https://dl.fedoraproject.org/pub/epel/epel-release-latest-7.noarch.rpm</a> 4 yum -y install <a href="https://yum.theforeman.org/releases/1.15/el7/x86_64/foreman-release.rpm">https://yum.theforeman.org/releases/1.15/el7/x86_64/foreman-release.rpm</a> 5 yum -y install foreman-installer 6 foreman-installer</pre> <p>Expected end result, something looking approximately like "foreman, installed", actual result, lots of installed packages, but no runnable foreman.</p> <p>Replication steps:</p> <ol style="list-style-type: none"><li>1. Create a new EC2 RHEL7.4 instance</li><li>2. Log on as ec2-user</li><li>3. Run "sudo bash"</li><li>4. Repeat the commands from the history (cut&amp;pasted from the commands shown on <a href="https://theforeman.org/manuals/1.15/quickstart_guide.html#QuickstartGuide">https://theforeman.org/manuals/1.15/quickstart_guide.html#QuickstartGuide</a> when RHEL7 is chosen)</li></ol>	

### History

#### #1 - 11/09/2017 02:49 PM - Ewoud Kohl van Wijngaarden

Relevant lines from the log:

```
[ERROR 2017-11-09 14:19:02 main] Execution of '/bin/yum -d 0 -e 0 -y install foreman-proxy' returned 1: Error
: Package: foreman-proxy-1.15.6-1.el7.noarch (foreman)
[ERROR 2017-11-09 14:19:02 main] Requires: rubygem(rake) >= 0.8.3
```

Which versions of rake are available? None at all or a version that's too old?

#### #2 - 11/09/2017 03:01 PM - Ingvar Mattsson

Ewoud Kohl van Wijngaarden wrote:

Relevant lines from the log:

[...]

Which versions of rake are available? None at all or a version that's too old?

```
[root@ip-172-31-92-150 ec2-user]# yum list **rake**
Loaded plugins: amazon-id, rhui-lb, search-disabled-repos
Installed Packages
rh-ruby22-rubygem-rake.noarch      10.4.2-16.el7      @centos-sclo-rh
Available Packages
rh-ruby23-rubygem-rake.noarch      10.4.2-64.el7      centos-sclo-rh
rh-ruby24-rubygem-rake.noarch      12.0.0-75.el7      centos-sclo-rh
```

ruby193-rubygem-rake.noarch	0.9.2.2-51.el7	centos-sclo-rh
ruby200-rubygem-rake.noarch	0.9.6-25.el7	centos-sclo-rh
rubygem-drake.noarch	0.9.2.0.3.1-2.el7	epel
rubygem-drake-doc.noarch	0.9.2.0.3.1-2.el7	epel
rubygem-rake-compiler.noarch	0.9.3-2.el7	epel
rubygem-rake-compiler-doc.noarch	0.9.3-2.el7	epel

### #3 - 11/09/2017 03:06 PM - Ewoud Kohl van Wijngaarden

On my CentOS 7.4 machine:

```

Installed Packages
rubygem-rake.noarch                0.9.6-30.el7          @base
Available Packages
rh-ruby22-rubygem-rake.noarch      10.4.2-16.el7        centos-sclo-rh
rh-ruby23-rubygem-rake.noarch      10.4.2-64.el7        centos-sclo-rh
rh-ruby24-rubygem-rake.noarch      12.0.0-75.el7        centos-sclo-rh
ruby193-rubygem-rake.noarch        0.9.2.2-51.el7       centos-sclo-rh
ruby200-rubygem-rake.noarch        0.9.6-25.el7         centos-sclo-rh
rubygem-drake.noarch               0.9.2.0.3.1-2.el7    epel
rubygem-drake-doc.noarch           0.9.2.0.3.1-2.el7    epel
rubygem-rake-compiler.noarch       0.9.3-2.el7          epel
rubygem-rake-compiler-doc.noarch   0.9.3-2.el7          epel
uwsgi-plugin-airbrake.x86_64       2.0.15-1.el7         epel

```

Is there something with your base repo? Perhaps some kind of caching issue?

### #4 - 11/09/2017 03:16 PM - Ingvar Mattsson

Ewoud Kohl van Wijngaarden wrote:

On my CentOS 7.4 machine:  
[...]

Is there something with your base repo? Perhaps some kind of caching issue?

This is the only rake RPM I can see installed.

```

[root@ip-172-31-92-150 ec2-user]# yum list installed '*rubygem-rake'
Loaded plugins: amazon-id, rhui-lb, search-disabled-repos
Installed Packages
rh-ruby22-rubygem-rake.noarch      10.4.2-16.el7        @centos-sclo-rh

```

```

The RPM only provides these things:
[root@ip-172-31-92-150 ec2-user]# rpm -q --provides rh-ruby22-rubygem-rake.noarch
rh-ruby22-rake = 10.4.2-16.el7
rh-ruby22-rubygem(rake) = 10.4.2-16.el7
rh-ruby22-rubygem-rake = 10.4.2-16.el7
scl-package(rh-ruby22)

```

None of those would fulfill 'rubygem(rake)'.

```

[root@ip-172-31-92-150 ec2-user]# yum whatprovides 'rubygem(rake)'
Loaded plugins: amazon-id, rhui-lb, search-disabled-repos
No matches found
[root@ip-172-31-92-150 ec2-user]# yum whatprovides 'rh-ruby22-rubygem(rake)'
Loaded plugins: amazon-id, rhui-lb, search-disabled-repos
rh-ruby22-rubygem-rake-10.4.2-16.el7.noarch : Ruby based make-like utility
Repo      : centos-sclo-rh
Matched from:
Provides  : rh-ruby22-rubygem(rake) = 10.4.2-16.el7

rh-ruby22-rubygem-rake-10.4.2-16.el7.noarch : Ruby based make-like utility
Repo      : @Centos-sclo-rh
Matched from:
Provides  : rh-ruby22-rubygem(rake) = 10.4.2-16.el7

```

I can't really speak to caching issues, but I would expect a fresh-built EC2 instance to have access to pretty up-to-date repository mirrors.

### #5 - 11/09/2017 03:18 PM - Ingvar Mattsson

Ingvar Mattsson wrote:

Ewoud Kohl van Wijngaarden wrote:

On my CentOS 7.4 machine:  
[...]

Is there something with your base repo? Perhaps some kind of caching issue?

This is the only rake RPM I can see installed.

```
[root@ip-172-31-92-150 ec2-user]# yum list installed '*rubygem-rake'  
Loaded plugins: amazon-id, rhui-lb, search-disabled-repos  
Installed Packages  
rh-ruby22-rubygem-rake.noarch      10.4.2-16.el7      @centos-sclo-rh
```

```
The RPM only provides these things:  
[root@ip-172-31-92-150 ec2-user]# rpm -q --provides rh-ruby22-rubygem-rake.noarch  
rh-ruby22-rake = 10.4.2-16.el7  
rh-ruby22-rubygem(rake) = 10.4.2-16.el7  
rh-ruby22-rubygem-rake = 10.4.2-16.el7  
scl-package(rh-ruby22)
```

None of those would fulfill 'rubygem(rake)'.

```
[root@ip-172-31-92-150 ec2-user]# yum whatprovides 'rubygem(rake)'  
Loaded plugins: amazon-id, rhui-lb, search-disabled-repos  
No matches found  
[root@ip-172-31-92-150 ec2-user]# yum whatprovides 'rh-ruby22-rubygem(rake)'  
Loaded plugins: amazon-id, rhui-lb, search-disabled-repos  
rh-ruby22-rubygem-rake-10.4.2-16.el7.noarch : Ruby based make-like utility  
Repo      : centos-sclo-rh  
Matched from:  
Provides  : rh-ruby22-rubygem(rake) = 10.4.2-16.el7
```

```
rh-ruby22-rubygem-rake-10.4.2-16.el7.noarch : Ruby based make-like utility  
Repo      : @centos-sclo-rh  
Matched from:  
Provides  : rh-ruby22-rubygem(rake) = 10.4.2-16.el7
```

I can't really speak to caching issues, but I would expect a fresh-built EC2 instance to have access to pretty up-to-date repository mirrors.

For safety's sake, I'll do a 'yum -y update', then re-run foreman-installer, and see if that makes a difference. I'd also be happy to throw this instance away, create a new one and start with an update before going through the foreman install process.

#### #6 - 11/09/2017 03:25 PM - Ingvar Mattsson

Ingvar Mattsson wrote:

Ingvar Mattsson wrote:

For safety's sake, I'll do a 'yum -y update', then re-run foreman-installer, and see if that makes a difference. I'd also be happy to throw this instance away, create a new one and start with an update before going through the foreman install process.

That make no obvious difference to the end result, I am still seeing a missing rubygem(rake) dependency.

#### #7 - 11/09/2017 03:32 PM - Evgeni Golov

can you post the output of "yum repolist" please?

#### #8 - 11/09/2017 03:35 PM - Ingvar Mattsson

Evgeni Golov wrote:

can you post the output of "yum repolist" please?

```
[root@ip-172-31-92-150 ec2-user]# yum repolist  
Loaded plugins: amazon-id, rhui-lb, search-disabled-repos  
repo id          repo name          status  
centos-sclo-rh/x86_64      CentOS-7 - SCLo rh      6,172  
centos-sclo-sclo/x86_64    CentOS-7 - SCLo sclo     448  
epel/x86_64              Extra Packages for Enter 12,062
```

```

foreman/x86_64                Foreman 1.15          533
foreman-plugins/x86_64        Foreman plugins 1.15  406
puppetlabs-deps/x86_64        Puppet Labs Dependencies 17
puppetlabs-products/x86_64    Puppet Labs Products EI 225
rhui-REGION-client-config-server-7/x86_64 Red Hat Update Infrastru 8
rhui-REGION-rhel-server-releases/7Server/x86_64 Red Hat Enterprise Linux 17,474
rhui-REGION-rhel-server-rh-common/7Server/x86_64 Red Hat Enterprise Linux 228
repolist: 37,573

```

**#9 - 11/09/2017 03:38 PM - Ingvar Mattsson**

Ingvar Mattsson wrote:

Evgeni Golov wrote:

can you post the output of "yum repolist" please?

```

[root@ip-172-31-92-150 ec2-user]# yum repolist
Loaded plugins: amazon-id, rhui-lb, search-disabled-repos
repo id                repo name                status
centos-sclo-rh/x86_64  CentOS-7 - SCLo rh      6,172
centos-sclo-sclo/x86_64 CentOS-7 - SCLo sclo    448
epel/x86_64            Extra Packages for Enter 12,062
foreman/x86_64         Foreman 1.15            533
foreman-plugins/x86_64 Foreman plugins 1.15    406
puppetlabs-deps/x86_64 Puppet Labs Dependencies 17
puppetlabs-products/x86_64 Puppet Labs Products EI 225
rhui-REGION-client-config-server-7/x86_64 Red Hat Update Infrastru 8
rhui-REGION-rhel-server-releases/7Server/x86_64 Red Hat Enterprise Linux 17,474
rhui-REGION-rhel-server-rh-common/7Server/x86_64 Red Hat Enterprise Linux 228
repolist: 37,573

```

Aha! It's called rhui-REGION-rhel-server-optional in AWS, it looks like.

**#10 - 11/09/2017 03:41 PM - Ewoud Kohl van Wijngaarden**

Then it's IMHO a bug that yum-config-manager doesn't throw an error about a non-existing repo.

**#11 - 11/09/2017 04:05 PM - Ingvar Mattsson**

- File *rhel74-foreman-2.log* added

Ewoud Kohl van Wijngaarden wrote:

Then it's IMHO a bug that yum-config-manager doesn't throw an error about a non-existing repo.

Added the optional repo, rubygem-rake is now installed, installation still fails, but now it MAY be too little memory (I started with a t2.micro, will scratch that and try with a larger instance).

I think it would be good to add a "note, the optional RPMs repo is called ... in AWS" to the quickstart guide.

**Files**

File Name	Size	Date	Author
rhel74-foreman.log	1.5 MB	11/09/2017	Ingvar Mattsson
rhel74-foreman-2.log	1.36 MB	11/09/2017	Ingvar Mattsson