Packaging - Bug #23312
angular-rails-templates uses MD5 causing problems FIPS-enabled environments
04/18/2018 02:41 PM - Peter Ondrejka

Status: Closed
Priority: Normal
Assignee: RPMs
Category: RPMs
Target version: 
Difficulty: 
Pull request: https://github.com/theforeman/foreman-packaging/pull/3046
Triaged: Yes
Fixed in Releases: 1.20.0
Bugzilla link: 

Description
The angular-rails-templates gem is probably not FIPS compatible. This came out after enabling FIPS mode on the underlying rhel 7 (using a workaround that overrides Digest::MD5 class and logs which gem used it), after restarting services I'm seeing:

2018-04-18T08:57:36 [W|app|] FIPS issue: calling 'hexdigest' from
| /opt/theforeman/tfm-ror51/root/usr/share/gems/gems/railties-5.1.4/lib/rails/initializable.rb:30:in `instance_exec'
| /opt/theforeman/tfm-ror51/root/usr/share/gems/gems/railties-5.1.4/lib/rails/initializable.rb:30:in `run'
| /opt/theforeman/tfm-ror51/root/usr/share/gems/gems/railties-5.1.4/lib/rails/initializable.rb:59:in `block in run_initializers'
| /opt/rh/rh-ruby24/root/usr/share/ruby/tsort.rb:228:in `block in tsort_each'
| /opt/rh/ruby24/root/usr/share/ruby/tsort.rb:350:in `block (2 levels) in each_strongly_connected_component'
| /opt/rh/ruby24/root/usr/share/ruby/tsort.rb:431:in `each_strongly_connected_component_from'
| /opt/rh/ruby24/root/usr/share/ruby/tsort.rb:349:in `block in each_strongly_connected_component'
| /opt/rh/ruby24/root/usr/share/ruby/tsort.rb:347:in `each'
| /opt/rh/ruby24/root/usr/share/ruby/tsort.rb:347:in `call'
| /opt/rh/ruby24/root/usr/share/ruby/tsort.rb:347:in `each_strongly_connected_component'
| /opt/rh/ruby24/root/usr/share/ruby/tsort.rb:226:in `tsort_each'
| /opt/rh/ruby24/root/usr/share/ruby/tsort.rb:205:in `tsort_each'
| /opt/theforeman/tfm-ror51/root/usr/share/gems/gems/railties-5.1.4/lib/rails/initializable.rb:58:in `run_initializers'
lock in start_proc'
  | /opt/theforeman/tfm/root/usr/share/gems/gems/daemons-1.2.3/lib/daemons/daemonize.rb:84:in `call
  | /opt/theforeman/tfm/root/usr/share/gems/gems/daemons-1.2.3/lib/daemons/application.rb:269:in `s
  | /opt/theforeman/tfm/root/usr/share/gems/gems/daemons-1.2.3/lib/daemons/application.rb:295:in `s
  | /opt/theforeman/tfm/root/usr/share/gems/gems/daemons-1.2.3/lib/daemons/monitor.rb:49:in `block
  (3 levels) in watch'
  | /opt/theforeman/tfm/root/usr/share/gems/gems/daemons-1.2.3/lib/daemons/monitor.rb:49:in `fork'
  | /opt/theforeman/tfm/root/usr/share/gems/gems/daemons-1.2.3/lib/daemons/monitor.rb:49:in `block
  (2 levels) in watch'
  | /opt/theforeman/tfm/root/usr/share/gems/gems/daemons-1.2.3/lib/daemons/monitor.rb:49:in `each'
  | /opt/theforeman/tfm/root/usr/share/gems/gems/daemons-1.2.3/lib/daemons/monitor.rb:49:in `block
in watch'
  | /opt/theforeman/tfm/root/usr/share/gems/gems/daemons-1.2.3/lib/daemons/monitor.rb:49:in `block
in start_with_pidfile'
  | /opt/theforeman/tfm/root/usr/share/gems/gems/daemons-1.2.3/lib/daemons/monitor.rb:61:in `block
  | /opt/theforeman/tfm/root/usr/share/gems/gems/daemons-1.2.3/lib/daemons/monitor.rb:66:in `block
in start
  | /opt/theforeman/tfm/root/usr/share/gems/gems/daemons-1.2.3/lib/daemons/monitor.rb:61:in `block
  | /opt/theforeman/tfm/root/usr/share/gems/gems/daemons-1.2.3/lib/daemons/monitor.rb:61:in `start_ with_pidfile'
  | /opt/theforeman/tfm/root/usr/share/gems/gems/daemons-1.2.3/lib/daemons/monitor.rb:92:in `start'
  | /opt/theforeman/tfm/root/usr/share/gems/gems/daemons-1.2.3/lib/daemons/application_group.rb:141
  ;in `create_monitor'
  | /opt/theforeman/tfm/root/usr/share/gems/gems/daemons-1.2.3/lib/daemons/application.rb:283:in `s
  | /opt/theforeman/tfm/root/usr/share/gems/gems/daemons-1.2.3/lib/daemons/controller.rb:56:in `run
  | /opt/theforeman/tfm/root/usr/share/gems/gems/daemons-1.2.3/lib/daemons.rb:193:in `block in run_ proc'
  | /opt/theforeman/tfm/root/usr/share/gems/gems/daemons-1.2.3/lib/daemons/cmdline.rb:88:in `catch_ exceptions'
  | /opt/theforeman/tfm/root/usr/share/gems/gems/daemons-1.2.3/lib/daemons.rb:192:in `run_proc'
  | /opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.0.0/lib/dynflow/rails/daemon.rb:75:in `b lock in run_background'
  | /opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.0.0/lib/dynflow/rails/daemon.rb:74:in `t imes'
  | /opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.0.0/lib/dynflow/rails/daemon.rb:74:in `run un_background'
  | /usr/sbin/dynflowd:71:in `block in <main>'
  | /usr/sbin/dynflowd:67:in `chdir'
  | /usr/sbin/dynflowd:67:in `<main>'

Related issues:
Blocks Foreman - Feature #3511: As a security person, I would like Foreman L... Resolved

History
#1 - 04/18/2018 02:42 PM - Peter Ondrejka
- Subject changed from angular-rails-templates uses MD5 causing problems FIPS-enable envrionment added to angular-rails-templates uses MD5 causing problems FIPS-enabled environments

#2 - 04/18/2018 02:44 PM - Peter Ondrejka
- Blocks Feature #3511: As a security person, I would like Foreman to run in FIPS mode added

#3 - 04/18/2018 05:51 PM - Justin Sherrill
- Legacy Backlogs Release (now unused) set to 114

#4 - 04/18/2018 06:17 PM - Dmitri Dolguikh
Created an upstream PR: https://github.com/pitr/angular-rails-templates/pull/158

03/28/2022 2/3
#5 - 10/01/2018 01:51 PM - Ivan Necas
- Triaged set to No
- Status changed from New to Ready For Testing
- Pull request https://github.com/theforeman/foreman-packaging/pull/3046 added

Since the upstream is not responsive, proposing pulling the change in during the rpm packaging in https://github.com/theforeman/foreman-packaging/pull/3046

#6 - 10/03/2018 05:44 PM - Jonathon Turel
- Triaged changed from No to Yes
- Target version deleted (Katello Backlog)
- Category set to RPMs
- Project changed from Katello to Packaging
- Fixed in Releases 1.20.0 added

#7 - 10/09/2018 05:21 PM - Anonymous
- Status changed from Ready For Testing to Closed