

Foreman - Bug #14338

ActionDispatch::Cookies::CookieOverflow

03/23/2016 06:25 PM - Brandon Weeks

Status:	Closed	
Priority:	Normal	
Assignee:	Dominic Cleal	
Category:	Rails	
Target version:	1.11.1	
Difficulty:		Fixed in Releases:
Triaged:		Found in Releases: 1.11.0
Bugzilla link:	740974	Red Hat JIRA:
Pull request:	https://github.com/theforeman/foreman/pull/3366	

Description

When attempting to delete a smart proxy that has a large number of assigned hosts, ApplicationController#notice calls flash with a long string causing a cookie overflow. Everything that I can find indicates that with :active_record_store set as the session_store this shouldn't be happening.

2016-03-23 14:27:14 [app] [F]

```
| ActionDispatch::Cookies::CookieOverflow (ActionDispatch::Cookies::CookieOverflow):  
|   actionpack (4.1.5) lib/action_dispatch/middleware/cookies.rb:471:in `[]='  
|   actionpack (4.1.5) lib/action_dispatch/middleware/session/cookie_store.rb:110:in `set_cookie'  
|   rack (1.5.2) lib/rack/session/abstract/id.rb:350:in `commit_session'  
|   rack (1.5.2) lib/rack/session/abstract/id.rb:226:in `context'  
|   rack (1.5.2) lib/rack/session/abstract/id.rb:220:in `call'  
|   actionpack (4.1.5) lib/action_dispatch/middleware/cookies.rb:560:in `call'  
|   activerecord (4.1.5) lib/active_record/query_cache.rb:36:in `call'  
|   activerecord (4.1.5) lib/active_record/connection_adapters/abstract/connection_pool.rb:621:in  
`call'  
|   actionpack (4.1.5) lib/action_dispatch/middleware/callbacks.rb:29:in `block in call'  
|   activesupport (4.1.5) lib/active_support/callbacks.rb:82:in `run_callbacks'  
|   actionpack (4.1.5) lib/action_dispatch/middleware/callbacks.rb:27:in `call'  
|   actionpack (4.1.5) lib/action_dispatch/middleware/remote_ip.rb:76:in `call'  
|   actionpack (4.1.5) lib/action_dispatch/middleware/debug_exceptions.rb:17:in `call'  
|   actionpack (4.1.5) lib/action_dispatch/middleware/show_exceptions.rb:30:in `call'  
|   railties (4.1.5) lib/rails/rack/logger.rb:38:in `call_app'  
|   railties (4.1.5) lib/rails/rack/logger.rb:22:in `call'  
|   actionpack (4.1.5) lib/action_dispatch/middleware/request_id.rb:21:in `call'  
|   rack (1.5.2) lib/rack/methodoverride.rb:21:in `call'  
|   rack (1.5.2) lib/rack/runtime.rb:17:in `call'  
|   activesupport (4.1.5) lib/active_support/cache/strategy/local_cache_middleware.rb:26:in `call'  
,  
|   actionpack (4.1.5) lib/action_dispatch/middleware/static.rb:64:in `call'  
|   rack (1.5.2) lib/rack/sendfile.rb:112:in `call'  
|   railties (4.1.5) lib/rails/engine.rb:514:in `call'  
|   railties (4.1.5) lib/rails/application.rb:144:in `call'  
|   railties (4.1.5) lib/rails/railtie.rb:194:in `public_send'  
|   railties (4.1.5) lib/rails/railtie.rb:194:in `method_missing'  
|   rack (1.5.2) lib/rack/builder.rb:138:in `call'  
|   rack (1.5.2) lib/rack/urlmap.rb:65:in `block in call'  
|   rack (1.5.2) lib/rack/urlmap.rb:50:in `each'  
|   rack (1.5.2) lib/rack/urlmap.rb:50:in `call'  
|   /usr/lib/ruby/gems/1.8/gems/passenger-4.0.18/lib/phusion_passenger/rack/thread_handler_extens  
ion.rb:77:in `process_request'  
|   /usr/lib/ruby/gems/1.8/gems/passenger-4.0.18/lib/phusion_passenger/request_handler/thread_han  
dler.rb:140:in `accept_and_process_next_request'  
|   /usr/lib/ruby/gems/1.8/gems/passenger-4.0.18/lib/phusion_passenger/request_handler/thread_han  
dler.rb:108:in `main_loop'  
|   /usr/lib/ruby/gems/1.8/gems/passenger-4.0.18/lib/phusion_passenger/request_handler.rb:441:in
```

```
`block (3 levels) in start_threads'
|   logging (1.8.2) lib/logging/diagnostic_context.rb:323:in `call'
|   logging (1.8.2) lib/logging/diagnostic_context.rb:323:in `block in create_with_logging_context'
|
|
```

Associated revisions

Revision 72f46ae9 - 03/28/2016 08:45 AM - Dominic Cleal

fixes #14338 - move session store configuration earlier

When a plugin has an initializer relying on `:build_middleware_stack`, the middleware stack is constructed with the default session store (cookies) as the store hasn't been configured by `config/initializers/` yet. Moving the config into the main app config ensures it's set before the middleware stack is first loaded.

Revision 540b67d5 - 04/18/2016 01:45 PM - Dominic Cleal

fixes #14338 - move session store configuration earlier

When a plugin has an initializer relying on `:build_middleware_stack`, the middleware stack is constructed with the default session store (cookies) as the store hasn't been configured by `config/initializers/` yet. Moving the config into the main app config ensures it's set before the middleware stack is first loaded.

(cherry picked from commit 72f46ae90c63d1b1b32a25a3b69276418400dbab)

History

#1 - 03/24/2016 07:00 AM - Dominic Cleal

- *Category changed from Web Interface to Rails*
- *Status changed from New to Assigned*
- *Assignee set to Dominic Cleal*

I can reproduce this when `foreman_bootdisk` is loaded, it seems the `mount_engine` initialiser (https://github.com/foreman/foreman_bootdisk/blob/v6.1.0/lib/foreman_bootdisk/engine.rb#L13) triggers early construction of the Rails app middleware. When this happens, the `config/initializers/session_store.rb` initialiser hasn't been reached yet, so the default (cookie) session store is used.

You can see the problem by looking at the session (e.g. `session.instance_variable_get(:@by)`) or setting `flash[:info]` to a large value (`'a'*5000`).

#2 - 03/24/2016 07:20 AM - The Foreman Bot

- *Status changed from Assigned to Ready For Testing*
- *Pull request <https://github.com/foreman/foreman/pull/3366> added*

#3 - 03/28/2016 09:03 AM - Dominic Cleal

- *Status changed from Ready For Testing to Closed*
- *% Done changed from 0 to 100*

Applied in changeset [72f46ae90c63d1b1b32a25a3b69276418400dbab](https://github.com/foreman/foreman/pull/3366).

#4 - 03/29/2016 04:10 AM - Dominic Cleal

- *translation missing: en.field_release set to 141*

#5 - 04/06/2016 06:12 AM - Daniel Lobato Garcia

- *Bugzilla link set to 740974*