Description
Currently, loading the settings page with a few plugins installed leads to ~150k allocations on my machine and around 100ms to render settings/index.html.erb even with all caches "warm" (i.e. the registry is loaded, all locales have been loaded etc.). Let's try to speed it up a bit.

Associated revisions
Revision 64ceeac9 - 11/17/2021 08:25 PM - Tomer Brisker
Fixes #33935 - Cache setting categories

Every call to `@settings.category` in the index page recalculates all the category names and labels by iterating over all settings. Since the categories can't change in runtime, we can calculate it once and store the list on the settings registry. We can also get the label once per category instead of repeating it again for every setting. On my instance, this led to a reduction of about 50k allocations and 20ms.

There are definitely more areas for improvements. Most of the remaining allocations come from the `grouped_settings` helper, and specifically inside the `setting.select_values` calculation.

History
#1 - 11/16/2021 05:25 PM - The Foreman Bot
- Status changed from Assigned to Ready For Testing
- Pull request https://github.com/theforeman/foreman/pull/8927 added

#2 - 11/17/2021 08:25 PM - The Foreman Bot
- Fixed in Releases 3.2.0 added

#3 - 11/17/2021 09:01 PM - Tomer Brisker
- Status changed from Ready For Testing to Closed
#4 - 11/29/2021 08:41 AM - The Foreman Bot

- Fixed in Releases 3.1.1 added

#5 - 11/29/2021 10:36 AM - Amit Upadhye

- Fixed in Releases 3.1.0 added
- Fixed in Releases deleted (3.1.1)