Configure -> Smart class parameters page took long time to load

11/28/2018 06:42 PM - Shimon Shtein

Description:
Cloned from https://bugzilla.redhat.com/show_bug.cgi?id=1643847

Description of problem:
Configure -> Smart class parameters page may take long time to load when they are hundreds of puppet environments and puppet classes.

The issue appears to be the "eager_load" joins which may be very expensive when there are too many rows. When I try to use "includes" instead of eager_load, the page load many times faster. Previously it spent 170+ seconds to load the page, now only ~5 seconds or less.

1.diff  /tmp/puppetclass_lookup_keys_controller.rb.orig
   /usr/share/foreman/app/controllers/puppetclass_lookup_keys_controller.rb
   --- /tmp/puppetclass_lookup_keys_controller.rb.orig    2018-10-29 18:06:04.103966839
   +++ /usr/share/foreman/app/controllers/puppetclass_lookup_keys_controller.rb    2018-10-29 18:08:03.990375270
   @ -4,7 +4,7 @
   before_action :setup_search_options, :only => :index
   def index
     @lookup_keys = resource_base_search_and_page(:param_classes).smart_class_parameters
   +   @lookup_keys = resource_base_search_and_page.includes(:param_classes).distinct.smart_class_parameters
     @puppetclass_authorizer = Authorizer.new(User.current, :collection => @lookup_keys.map{|key|
       key.param_class.try(:id)}.compact.uniq)
     end

Associated revisions
Revision 6d9e2b7c - 01/06/2019 03:10 PM - Shimon Shtein
Fixes #25577 - updated puppetclass_lookup_keys_controller queries (#6290)
1. Added :inverse_of to relevant objects
2. Changed queries to use less resources.

History
#1 - 11/28/2018 06:48 PM - The Foreman Bot
- Status changed from New to Ready For Testing
- Pull request https://github.com/theforeman/foreman/pull/6290 added

#2 - 01/06/2019 03:10 PM - Tomer Brisker
- Fixed in Releases 1.21.0 added
#3 - 01/06/2019 04:01 PM - Shimon Shtein

- Status changed from Ready For Testing to Closed

Applied in changeset 6d962b7c61bf1e64df01baad7e0a75a220211b57.