

## Foreman - Bug #5578

### Cant set permissions on specific resource types

05/05/2014 10:35 PM - Partha Aji

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> Users, Roles and Permissions	
<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>Foreman's permission system infers the aclable routing paths from the model/resource type name. For example in <a href="https://github.com/Katello/katello/blob/roles/app/policies/katello/permissions/sync_plan_permissions.rb#L9">https://github.com/Katello/katello/blob/roles/app/policies/katello/permissions/sync_plan_permissions.rb#L9</a> for sync plan permissions, the route to be acl'ed when "view_sync_plans" permission is selected is determined from doing some magic and translating the resource type name Katello::SyncPlan =&gt; Katello.find(sync_plans_path). The issue occurs when model name does not exactly correspond to the paths. Take the example of some permission policy that looks like</p> <pre>permission :view_lifecycle_environments, {   'katello/api/v2/environments' =&gt; [:index, :show] }, :resource_type =&gt; 'Katello::KTEEnvironment'</pre> <p>Now the Katello::KTEEnvironment gets translated to -&gt; Katello.find(kt_environments_path) .. Unfortunately such a path does not exist, since in Katello even though we have a model named as KTEEnvironment, the routing and the controllers all point to "environments_path". Katello.find(environments_path)</p> <p>We need a way in the foreman permissions system to set this up.</p>	
<b>Related issues:</b>	
Is duplicate of Foreman - Bug #5553: Filter create/edit breaks if the resourc...	<b>Closed</b> <b>05/02/2014</b>
Blocks Katello - Feature #5217: As a user, I should have CRUD permissions for...	<b>Closed</b> <b>04/16/2014</b>

### History

#### #1 - 05/05/2014 10:39 PM - Partha Aji

- Blocks Feature #5217: As a user, I should have CRUD permissions for all entities that are exposed to me. added

#### #2 - 05/06/2014 07:57 AM - Dominic Cleal

- Category set to Users, Roles and Permissions

#### #3 - 05/07/2014 02:43 PM - Anonymous

- Status changed from New to Feedback

To solve this problem you'll need to do two things:

- have a way of extracting/mapping of resource/action pairs from/to Katello urls
- override Foreman::Controller::Authentication#authorized and use resource/action pair from the previous step to resolve authorization

Permission definitions can stay as in your example.

#### #4 - 05/07/2014 03:32 PM - Anonymous

- Is duplicate of Bug #5553: Filter create/edit breaks if the resource type does not have a corresponding controller with 'autocomplete\_search' added

#### #5 - 05/07/2014 03:32 PM - Anonymous

- Status changed from Feedback to Closed