

Foreman - Refactor #4541

Non-ActiveRecord nested attributes forms

03/04/2014 01:17 PM - Daniel Lobato Garcia

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| Status: New | |
| Priority: Normal | |
| Assignee: | |
| Category: | |
| Target version: | |
| Difficulty: | Fixed in Releases: |
| Triaged: | Found in Releases: |
| Bugzilla link: | Red Hat JIRA: |
| Pull request: | |
| Description | |
| <p>At the moment, Foreman simulates Openstack blocks as if they were in ActiveRecord, just to get the form to send several blocks in a "block_device_mapping" hash to the Openstack hypervisor. However, this generates a Hash that needs to be post-processed Foreman::Model::Openstack. The hash looks like this:</p> | |
| <pre>{"name"=>"foreman_1393931003", "flavor_ref"=>"1", "image_ref"=>"", "tenant_id"=>"b799ab2737774bela0aa6dde330450de", "security_group"=>"", "network"=>"", "block_device_mapping_attributes"=> { "new_block_device_mapping"=>{"device_name"=>"", "_destroy"=>"", "delete_on_termination"=>"0", "volume_id"=>"b58e229c-01a6-45f8-ae44-898e524f73a5", "id"=>"0"}, "0"=>{"device_name"=>"adasdasd", "_destroy"=>"", "delete_on_termination"=>"0", "volume_id"=>"b58e229c-01a6-45f8-ae44-898e524f73a5", "id"=>"0"}, "new_1393931015304"=>{"device_name"=>"asdasdasd", "_destroy"=>"", "delete_on_termination"=>"1", "volume_id"=>"2b553f3a-08d2-49ca-a9fa-2c5098cbcbfc", "id"=>"0"}, "new_1393931020344"=>{"device_name"=>"sdas", "_destroy"=>"", "delete_on_termination"=>"1", "volume_id"=>"b58e229c-01a6-45f8-ae44-898e524f73a5", "id"=>"0"} } }</pre> | |
| <p>and it should look like:</p> | |
| <pre>{"name"=>"foreman_1393931003", "flavor_ref"=>"1", "image_ref"=>"", "tenant_id"=>"b799ab2737774bela0aa6dde330450de", "security_group"=>"", "network"=>"", "block_device_mapping"=> [{"device_name"=>"", "_destroy"=>"", "delete_on_termination"=>"0", "volume_id"=>"b58e229c-01a6-45f8-ae44-898e524f73a5", "id"=>"0"}, {"device_name"=>"adasdasd", "_destroy"=>"", "delete_on_termination"=>"0", "volume_id"=>"b58e229c-01a6-45f8-ae44-898e524f73a5", "id"=>"0"}, {"device_name"=>"asdasdasd", "_destroy"=>"", "delete_on_termination"=>"1", "volume_id"=>"2b553f3a-08d2-49ca-a9fa-2c5098cbcbfc", "id"=>"0"}, {"device_name"=>"sdas", "_destroy"=>"", "delete_on_termination"=>"1", "volume_id"=>"b58e229c-01a6-45f8-ae44-898e524f73a5", "id"=>"0"}] }</pre> | |
| <p>As of now, these kind of non-activerecord relations nested attributes requires post-processing of the Hash in Ovirt, Libvirt (Nics and volumes), and Openstack. It would be highly desirable to get the forms to submit the correct hash to avoid post-processing in all of these compute resources.</p> | |