

Foreman - Bug #11415

ENC fails with undefined method `value' for #<LookupKey ...>

08/19/2015 05:17 AM - Dominic Cleal

Status:	Closed	
Priority:	Normal	
Assignee:	Tom Caspy	
Category:	External Nodes	
Target version:	1.10.0	
Difficulty:		Fixed in Releases:
Triaged:		Found in Releases:
Bugzilla link:		Red Hat JIRA:
Pull request:	https://github.com/theforeman/foreman/pull/2676	

Description

```
2015-08-19T09:54:34 [app] [W] Failed to generate external nodes for test.example.com
| NoMethodError: undefined method `value' for #<LookupKey:0x000000089759c0>
| /home/dcleal/.rvm/gems/ruby-2.0.0-p353@foreman/gems/activemodel-3.2.21/lib/active_model/attribute_methods.rb:407:in `method_missing'
| /home/dcleal/.rvm/gems/ruby-2.0.0-p353@foreman/gems/activerecord-3.2.21/lib/active_record/attribute_methods.rb:149:in `method_missing'
| /home/dcleal/code/foreman/foreman/app/services/foreman/parameters/caster.rb:13:in `initialize'
| /home/dcleal/code/foreman/foreman/app/services/classification/base.rb:152:in `new'
| /home/dcleal/code/foreman/foreman/app/services/classification/base.rb:152:in `type_cast'
| /home/dcleal/code/foreman/foreman/app/services/classification/base.rb:84:in `value_of_key'
| /home/dcleal/code/foreman/foreman/app/services/classification/class_param.rb:12:in `block (2 levels) in enc'
| /home/dcleal/code/foreman/foreman/app/services/classification/class_param.rb:11:in `each'
| /home/dcleal/code/foreman/foreman/app/services/classification/class_param.rb:11:in `block in enc'
| /home/dcleal/.rvm/gems/ruby-2.0.0-p353@foreman/gems/activerecord-3.2.21/lib/active_record/relation/delegation.rb:6:in `each'
| /home/dcleal/.rvm/gems/ruby-2.0.0-p353@foreman/gems/activerecord-3.2.21/lib/active_record/relation/delegation.rb:6:in `each'
| /home/dcleal/code/foreman/foreman/app/services/classification/class_param.rb:8:in `enc'
| /home/dcleal/code/foreman/foreman/app/models/host/managed.rb:875:in `lookup_keys_class_params'
| /home/dcleal/code/foreman/foreman/app/models/host/managed.rb:385:in `info'
```

```
From: /home/dcleal/code/foreman/foreman/app/services/classification/base.rb @ line 152 Classification::Base#type_cast:
```

```
151: def type_cast(key, value)
=> 152:   binding.pry if value.nil?
153:   Foreman::Parameters::Caster.new(key, :attribute_name => :value, :to => key.key_type, :value => value).cast
154: rescue TypeError
155:   Rails.logger.warn "Unable to type cast #{value} to #{key.key_type}"
156: end
```

```
> key
=> #<LookupKey id: 58, key: "dnsdomain", created_at: "2013-02-21 11:45:29", updated_at: "2013-02-21 11:45:29", puppetclass_id: nil, default_value: nil, path: nil, description: nil, validator_type: nil, validator_rule: nil, is_param: true, key_type: nil, override: true, required: true, lookup_values_count: 0, merge_overrides: nil, avoid_duplicates: nil, use_puppet_default: nil>
> value
=> nil
```

Seems that the key in this case is overridden, but the default value is nil. The value is passed into Foreman::Parameters::Caster, which because it's nil assumes that it needs to try and call key.value to retrieve it. Perhaps using has_key? is better to check even if a nil value was passed in, or don't use reflection.

Related issues:

Related to Foreman - Refactor #10232: move validations and casting out of loo...

Closed**04/22/2015****Associated revisions**

Revision fd06f4f6 - 09/07/2015 11:33 AM - Tom Caspy

fixes #11415 - using the correct method for classification caster

History

#1 - 08/19/2015 05:17 AM - Dominic Cleal*- Related to Refactor #10232: move validations and casting out of lookup keys and values into single-responsibility classes added***#2 - 09/07/2015 04:13 AM - Tom Caspy***- Assignee set to Tom Caspy***#3 - 09/07/2015 04:15 AM - The Foreman Bot***- Status changed from New to Ready For Testing**- Pull request <https://github.com/theforeman/foreman/pull/2676> added**- Pull request deleted ()***#4 - 09/07/2015 12:02 PM - Tom Caspy***- Status changed from Ready For Testing to Closed**- % Done changed from 0 to 100*Applied in changeset [fd06f4f6594110f8a7448fcedadbd5bd8a8db838](#).