

## Foreman - Feature #3917

### Add strong\_parameters to foreman

12/19/2013 01:50 PM - David Davis

<b>Status:</b>	Closed	<b>Fixed in Releases:</b> <b>Found in Releases:</b> <b>Red Hat JIRA:</b>
<b>Priority:</b>	Normal	
<b>Assignee:</b>	Dominic Cleal	
<b>Category:</b>	Rails	
<b>Target version:</b>	1.13.0	
<b>Difficulty:</b>		
<b>Triaged:</b>		
<b>Bugzilla link:</b>		
<b>Pull request:</b>	<a href="https://github.com/theforeman/foreman/pull/3659">https://github.com/theforeman/foreman/pull/3659</a>	
<b>Description</b>		
<b>Related issues:</b>		
Related to Foreman - Bug #7594: extract params defined in apipie documentatio...	Closed	
Related to Foreman - Bug #7568: Use attr_accessible for rails 4 upgrade	Closed	09/22/2014
Related to Katello - Feature #15741: Use parameter_filter instead of attr_acc...	Closed	07/19/2016
Related to Discovery - Refactor #15750: Add strong parameters to Discovery PI...	Closed	07/20/2016
Related to Docker - Feature #15888: Remove calls to attr_accessible	Closed	07/28/2016
Related to Foreman - Bug #15951: host's interfaces_attributes compute_attribu...	Closed	08/03/2016
Related to Salt - Bug #15958: Move to using strong parameters	Closed	08/03/2016
Related to Foreman Remote Execution - Bug #16002: move to strong parameters	Closed	08/05/2016
Related to Foreman - Bug #16025: Import subnets from proxy returns 500	Closed	08/09/2016
Related to OpenSCAP - Bug #16096: Remove attr_accessible from models	Closed	08/12/2016
Related to Foreman - Bug #16264: Template combinations cannot be created	Closed	08/24/2016
Related to Foreman - Bug #16376: required flag not set from puppetclass	Closed	08/30/2016
Related to Foreman - Bug #16578: Resolve templates button throws undefined me...	Closed	09/16/2016
Related to Foreman - Bug #17170: NIC page does not reload when Bond is selected	Closed	11/01/2016
Related to Foreman - Bug #17300: Attached devices not saved when editing bond...	Closed	11/09/2016
Related to Foreman - Bug #19417: keep_params throws error if params don't con...	Closed	04/27/2017
Related to Foreman - Feature #22285: Present error message when passing integ...	New	
Is duplicate of Foreman - Bug #1519: rails security problem	Duplicate	03/06/2012
Blocks Foreman - Tracker #15715: Rails 5.0 upgrade tasks	Resolved	07/18/2016

#### Associated revisions

##### Revision 12612809 - 07/29/2016 05:58 AM - Dominic Cleal

fixes #3917 - replace protected\_attrs with strong parameters

Filtering of attributes has moved from the protected\_attributes gem to strong parameters in controller concerns, to be in line with current Rails recommendations.

Concerns are shared between UI and both API controllers and list the attributes using Foreman::ParameterFilter, which provides additional features:

1. Registration of additional attributes from plugins, through the plugin API or `attr\_accessible` for short term compatibility.
2. Re-use of permitted attribute lists for nested models (e.g. host and interface).
3. Combining of lists of attributes from all sources in a single permit call.

4. A small DSL for changing accepted parameters based on controller, action and UI/API type.

Plugins should either temporarily depend on `protected_attributes` to continue to protect their models or call `permit/use ParameterFilter` similarly: [http://projects.theforeman.org/projects/foreman/wiki/Strong\\_parameters](http://projects.theforeman.org/projects/foreman/wiki/Strong_parameters)

Some UI changes were required to make nested model hash keys all integers instead of "new\_123456" etc, else strong parameters would filter the entries out.

The Role model's builtin default has been moved from `initialize` to the database as the removal of `protected_attrs` changed the initialisation order.

#### Revision 87526d1e - 08/04/2016 07:39 AM - Dominic Cleal

refs #3917 - remove `protected_attributes` requirement

### History

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#### #1 - 01/02/2014 02:38 PM - Dominic Cleal

<https://github.com/theforeman/foreman/pull/1102> for background.

#### #2 - 04/11/2014 03:32 PM - David Davis

- Subject changed from *Add strong\_parameters gem to foreman* to *Add strong\_parameters to foreman*

#### #3 - 04/11/2014 03:32 PM - David Davis

- Assignee deleted (David Davis)

#### #4 - 09/18/2014 03:16 AM - Ohad Levy

- Blocks Feature #7512: upgrade to rails 4.x added

#### #5 - 09/18/2014 03:19 AM - Ohad Levy

- Is duplicate of Bug #1519: rails security problem added

#### #6 - 09/18/2014 03:19 AM - Ohad Levy

- Status changed from *New* to *Duplicate*

#### #7 - 09/18/2014 03:20 AM - Ohad Levy

- Status changed from *Duplicate* to *New*

#### #8 - 09/18/2014 03:20 AM - Ohad Levy

- Category set to *Rails*

#### #9 - 09/18/2014 03:23 AM - Ohad Levy

- Blocks Tracker #3157: Rails 4.1 upgrade tasks added

#### #10 - 09/18/2014 03:26 AM - Ohad Levy

- Blocks deleted (Feature #7512: upgrade to rails 4.x)

#### #11 - 09/22/2014 08:43 AM - Shlomi Zadok

- Assignee set to *Shlomi Zadok*

#### #12 - 09/22/2014 09:05 AM - Shlomi Zadok

- Status changed from *New* to *Assigned*

#### #13 - 09/23/2014 09:29 AM - Joseph Magen

- Related to Bug #7594: extract params defined in *apipie* documentation to use for strong parameters added

#### #14 - 10/01/2014 07:50 AM - Ohad Levy

- translation missing: *en.field\_release* set to 21

**#15 - 10/04/2014 03:53 PM - The Foreman Bot**

- Status changed from Assigned to Ready For Testing
- Target version set to 1.7.2
- Pull request <https://github.com/foreman/foreman/pull/1819> added
- Pull request deleted ()

**#16 - 10/04/2014 04:13 PM - David Davis**

- Related to Refactor #7816: Refactor code now that foreman has strong\_params added

**#17 - 10/04/2014 04:17 PM - David Davis**

- Related to deleted (Refactor #7816: Refactor code now that foreman has strong\_params)

**#18 - 10/04/2014 04:17 PM - David Davis**

- Blocks Refactor #7816: Refactor code now that foreman has strong\_params added

**#19 - 10/05/2014 02:33 PM - David Davis**

- Blocks deleted (Refactor #7816: Refactor code now that foreman has strong\_params)

**#20 - 10/28/2014 05:22 AM - Dominic Cleal**

- translation missing: en.field\_release deleted (21)

**#21 - 05/29/2015 08:15 AM - Dominic Cleal**

- Status changed from Ready For Testing to New
- Assignee deleted (Shlomi Zadok)
- Pull request added
- Pull request deleted (<https://github.com/foreman/foreman/pull/1819>)

**#22 - 07/02/2015 12:22 AM - The Foreman Bot**

- Status changed from New to Ready For Testing
- Pull request <https://github.com/foreman/foreman/pull/2509> added
- Pull request deleted ()

**#23 - 11/20/2015 06:24 AM - Dominic Cleal**

- Related to Bug #7568: Use attr\_accessible for rails 4 upgrade added

**#24 - 12/18/2015 05:16 AM - Dominic Cleal**

- Blocks deleted (Tracker #3157: Rails 4.1 upgrade tasks)

**#25 - 01/04/2016 04:25 AM - Dominic Cleal**

- Status changed from Ready For Testing to New
- Pull request deleted (<https://github.com/foreman/foreman/pull/2509>)

PR was closed.

**#26 - 07/06/2016 03:49 AM - Dominic Cleal**

- Status changed from New to Assigned
- Assignee set to Dominic Cleal
- Target version deleted (1.7.2)

**#27 - 07/18/2016 04:22 AM - Dominic Cleal**

- Blocks Tracker #15715: Rails 5.0 upgrade tasks added

**#28 - 07/19/2016 09:13 AM - The Foreman Bot**

- Status changed from Assigned to Ready For Testing

- Pull request <https://github.com/theforeman/foreman/pull/3659> added

**#29 - 07/19/2016 01:15 PM - David Davis**

- Related to Feature #15741: Use parameter\_filter instead of attr\_accessible added

**#30 - 07/20/2016 03:21 AM - Lukas Zapletal**

- Related to Refactor #15750: Add strong parameters to Discovery Plugin added

**#31 - 07/28/2016 12:52 PM - David Davis**

- Related to Feature #15888: Remove calls to attr\_accessible added

**#32 - 07/29/2016 06:02 AM - Dominic Cleal**

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset [12612809c5deb885b13ceaf36b6a147c21688eb5](#).

**#33 - 07/29/2016 07:19 AM - Dominic Cleal**

- translation missing: en.field\_release set to 160

**#34 - 08/03/2016 02:38 AM - Timo Goebel**

- Related to Bug #15951: host's interfaces\_attributes compute\_attributes not passed to vm added

**#35 - 08/03/2016 10:22 AM - Stephen Benjamin**

- Related to Bug #15958: Move to using strong parameters added

**#36 - 08/05/2016 08:13 PM - Anonymous**

- Related to Bug #16002: move to strong parameters added

**#37 - 08/11/2016 09:53 AM - Dominic Cleal**

- Related to Bug #16025: Import subnets from proxy returns 500 added

**#38 - 08/12/2016 10:40 AM - Ondřej Pražák**

- Related to Bug #16096: Remove attr\_accessible from models added

**#39 - 08/24/2016 06:13 AM - Dominic Cleal**

- Related to Bug #16264: Template combinations cannot be created added

**#40 - 08/30/2016 04:56 AM - Dominic Cleal**

- Related to Bug #16376: required flag not set from puppetclass added

**#41 - 09/16/2016 06:11 AM - Dominic Cleal**

- Related to Bug #16578: Resolve templates button throws undefined method `[]' for nil:NilClass on image hosts added

**#42 - 11/03/2016 11:47 AM - Dominic Cleal**

- Related to Bug #17170: NIC page does not reload when Bond is selected added

**#43 - 11/10/2016 10:23 AM - Dominic Cleal**

- Related to Bug #17300: Attached devices not saved when editing bond network interfaces added

**#44 - 05/03/2017 04:10 AM - Tomer Brisker**

- Related to Bug #19417: keep\_params throws error if params don't contain top level hash added

**#45 - 01/23/2018 09:08 AM - Tomer Brisker**

- Related to Feature #22285: Present error message when passing integer when array expected for API call added