

Foreman - Bug #11247

IP address is invalid, can't add or remove `` from identifier

07/29/2015 09:13 AM - El Joppa

Status: Resolved	
Priority: Normal	
Assignee:	
Category: Network	
Target version:	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link:	Red Hat JIRA:
Pull request:	
Description	
Foreman 1.8.2 Debian Wheezy	
This shows up in the logs after upgrade from 1.8.1 to 1.8.2:	
<pre>2015-07-29 15:10:11 [W] Saving bond0.1 NIC for host webnyh9.x.com failed, skipping because: 2015-07-29 15:10:11 [W] IP address is invalid 2015-07-29 15:10:11 [W] Identifier Can't add or remove `` from identifier</pre>	
Shows up for alot of hosts (probably all hosts) Nic shows up fine for host in webinterface (as bond0, as there is no bond0.1)	
Related issues:	
Related to Foreman - Bug #10566: Unique interface identifier requirement prev...	Closed 05/20/2015
Related to Foreman - Bug #13161: bond0.vlan breaks fact upload	Resolved 01/12/2016
Related to foreman-tasks - Bug #11235: Non-English exception on some runs of ...	New 07/28/2015

History

#1 - 07/29/2015 09:30 AM - Dominic Cleal

- Related to Bug #10566: Unique interface identifier requirement prevents host from being edited if duplicate identifier exists added

#2 - 07/29/2015 09:31 AM - Dominic Cleal

- Subject changed from IP address is invalid to IP address is invalid, can't add or remove `` from identifier

- Category set to Network

It might be useful for further debugging if you can attach facter --json output from an affected host to the ticket and ideally also data from Foreman about the interfaces already configured (either from the 'nics' database table or the interfaces part of the YAML output on the host page).

#3 - 07/30/2015 03:04 AM - El Joppa

Should note that this is a Salt managed node. Not sure how the grains are pulled but i guess something like this:

```
# salt-call grains.items --out=json
...
  "ip_interfaces": {
    "lo": [
      "127.0.0.1",
      "::1"
    ],
    "bond0": [
      "77.x.x.x",
      "fe80::b283:xxxx:xxxx:xxxx"
    ],
    "eth1": [],
    "eth0": []
  }
```

```
},
```

YAML:

```
...
  foreman_interfaces:
  - mac: b0:83:fe:c7:65:77
    ip: 77.x.x.x.x
    type: Interface
    name: webnyh9.x.com
    attrs: {}
    virtual: false
    link: true
    identifier: bond0
    managed: true
    primary: true
    provision: true
    subnet:
...

```

From nics table:

```
-[ RECORD 1 ]-----+-----
id            | 38
mac           | b0:83:fe:c7:65:77
ip            | 77.x.x.x
type          | Nic::Managed
name          | webnyh9.X.com
host_id       | 35
subnet_id     |
domain_id     | 4
attrs         | --- {}
              |
created_at    | 2015-04-20 09:49:38.761628
updated_at    | 2015-07-30 06:58:54.804385
provider      |
username      |
password      |
virtual       | f
link          | t
identifier    | bond0
tag           |
attached_to   |
managed       | t
mode          | balance-rr
attached_devices |
bond_options  |
primary       | t
provision     | t
compute_attributes | --- {}

```

#4 - 08/11/2015 07:36 AM - Anton Dollmaier

Hi,

Shows up for alot of hosts (probably all hosts)
Nic shows up fine for host in webinterface (as bond0, as there is no bond0.1)

we have the same issue here as well: after migration of existing external puppet host to Foreman, the facts have been imported successfully, but the host properties (at host details) did not reflect the facts (model, architecture, OS, ... were missing).

The physical host has "bond0" as well as "bond0:0" (virtual IP), so this probably causes the following error:

Backtrace:

```
2015-08-11 13:19:38 [E] Validation failed: Identifier Can't add or remove `` from identifier (ActiveRecord::RecordInvalid)
/usr/share/foreman/vendor/ruby/2.1.0/gems/activerecord-3.2.21/lib/active_record/validations.rb:56:in `save!'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activerecord-3.2.21/lib/active_record/attribute_methods/dirty.rb:33:in `save!'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activerecord-3.2.21/lib/active_record/transactions.rb:264:in `block in save!'

```

```
/usr/share/foreman/vendor/ruby/2.1.0/gems/activerecord-3.2.21/lib/active_record/transactions.rb:313:in `block
in with_transaction_returning_status'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activerecord-3.2.21/lib/active_record/connection_adapters/abstract/d
atabase_statements.rb:192:in `transaction'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activerecord-3.2.21/lib/active_record/transactions.rb:208:in `transa
ction'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activerecord-3.2.21/lib/active_record/transactions.rb:311:in `with_t
ransaction_returning_status'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activerecord-3.2.21/lib/active_record/transactions.rb:264:in `save!'
/usr/share/foreman/app/models/host/base.rb:170:in `set_interfaces'
/usr/share/foreman/app/models/host/base.rb:150:in `populate_fields_from_facts'
/usr/share/foreman/app/models/host/managed.rb:441:in `populate_fields_from_facts'
/usr/share/foreman/app/models/host/base.rb:126:in `import_facts'
/usr/share/foreman/app/models/host/managed.rb:432:in `import_host_and_facts'
/usr/share/foreman/app/controllers/api/v2/hosts_controller.rb:177:in `facts'
/usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_controller/metal/implicit_render.rb:4:i
n `send_action'
/usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/abstract_controller/base.rb:167:in `process_ac
tion'
/usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_controller/metal/rendering.rb:10:in `pr
ocess_action'
/usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/abstract_controller/callbacks.rb:18:in `block
in process_action'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:507:in `block (
5 levels) in _run__23286316909410783__process_action__2703115256617301245__callbacks'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:215:in `block i
n _conditional_callback_around_7458'
/usr/share/foreman/app/controllers/api/v2/base_controller.rb:151:in `disable_json_root'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:214:in `_condit
ional_callback_around_7458'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:484:in `block (
4 levels) in _run__23286316909410783__process_action__2703115256617301245__callbacks'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:215:in `block i
n _conditional_callback_around_7457'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:326:in `around'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:310:in `_callba
ck_around_1763'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:214:in `_condit
ional_callback_around_7457'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:472:in `block (
3 levels) in _run__23286316909410783__process_action__2703115256617301245__callbacks'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:215:in `block i
n _conditional_callback_around_7456'
/usr/share/foreman/app/controllers/concerns/application_shared.rb:13:in `set_timezone'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:214:in `_condit
ional_callback_around_7456'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:471:in `block (
2 levels) in _run__23286316909410783__process_action__2703115256617301245__callbacks'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:215:in `block i
n _conditional_callback_around_7455'
/usr/share/foreman/app/models/concerns/foreman/thread_session.rb:32:in `clear_thread'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:214:in `_condit
ional_callback_around_7455'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:437:in `block i
n _run__23286316909410783__process_action__2703115256617301245__callbacks'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:215:in `block i
n _conditional_callback_around_7454'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:326:in `around'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:310:in `_callba
ck_around_13'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:214:in `_condit
ional_callback_around_7454'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:403:in `_run__2
3286316909410783__process_action__2703115256617301245__callbacks'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:405:in `__run_c
allback'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:385:in `_run_pr
ocess_action_callbacks'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:81:in `run_call
backs'
/usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/abstract_controller/callbacks.rb:17:in `proces
s_action'
/usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_controller/metal/rescue.rb:29:in `proce
ss_action'
/usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_controller/metal/instrumentation.rb:30:
```

```
in `block in process_action'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/notifications.rb:123:in `block in instrument'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/notifications/instrumenter.rb:20:in `instrument'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/notifications.rb:123:in `instrument'
/usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_controller/metal/instrumentation.rb:29:in `process_action'
/usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_controller/metal/params_wrapper.rb:207:in `process_action'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activerecord-3.2.21/lib/active_record/railties/controller_runtime.rb:18:in `process_action'
/usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/abstract_controller/base.rb:121:in `process'
/usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/abstract_controller/rendering.rb:45:in `process'
/usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_controller/metal.rb:203:in `dispatch'
/usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_controller/metal/rack_delegation.rb:14:in `dispatch'
/usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_controller/metal.rb:246:in `block in action'
/usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/routing/route_set.rb:73:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/routing/route_set.rb:73:in `dispatch'
/usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/routing/route_set.rb:36:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/routing/mapper.rb:43:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/journey-1.0.4/lib/journey/router.rb:68:in `block in call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/journey-1.0.4/lib/journey/router.rb:56:in `each'
/usr/share/foreman/vendor/ruby/2.1.0/gems/journey-1.0.4/lib/journey/router.rb:56:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/routing/route_set.rb:608:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/apipie-rails-0.2.6/lib/apipie/static_dispatcher.rb:65:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/apipie-rails-0.2.6/lib/apipie/extractor/recorder.rb:97:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/apipie-rails-0.2.6/lib/apipie/middleware/checksum_in_headers.rb:27:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/middleware/best_standards_support.rb:17:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/rack-1.4.5/lib/rack/etag.rb:23:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/rack-1.4.5/lib/rack/conditionalget.rb:35:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/middleware/head.rb:14:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/middleware/params_parser.rb:21:in `call'
/usr/share/foreman/lib/middleware/catch_json_parse_errors.rb:9:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/middleware/flash.rb:242:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/rack-1.4.5/lib/rack/session/abstract/id.rb:210:in `context'
/usr/share/foreman/vendor/ruby/2.1.0/gems/rack-1.4.5/lib/rack/session/abstract/id.rb:205:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/middleware/cookies.rb:341:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activerecord-3.2.21/lib/active_record/query_cache.rb:64:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activerecord-3.2.21/lib/active_record/connection_adapters/abstract/connection_pool.rb:479:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/middleware/callbacks.rb:28:in `block in call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:405:in `__run_3582168535598898751__call__610153613818188632__callbacks'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:405:in `__run_callback'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:385:in `__run_call_callbacks'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:81:in `run_callbacks'
/usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/middleware/callbacks.rb:27:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/middleware/remote_ip.rb:31:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/middleware/debug_exceptions.rb:16:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/middleware/show_exceptions.rb:56:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/railties-3.2.21/lib/rails/rack/logger.rb:32:in `call_app'
/usr/share/foreman/vendor/ruby/2.1.0/gems/railties-3.2.21/lib/rails/rack/logger.rb:16:in `block in call'
```

```
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/tagged_logging.rb:22:in `tagged'
/usr/share/foreman/vendor/ruby/2.1.0/gems/railties-3.2.21/lib/rails/rack/logger.rb:16:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/middleware/request_id.rb:22:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/rack-1.4.5/lib/rack/methodoverride.rb:21:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/rack-1.4.5/lib/rack/runtime.rb:17:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/cache/strategy/local_cache.rb:72:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/rack-1.4.5/lib/rack/lock.rb:15:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/middleware/static.rb:83:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/rack-cache-1.2/lib/rack/cache/context.rb:136:in `forward'
/usr/share/foreman/vendor/ruby/2.1.0/gems/rack-cache-1.2/lib/rack/cache/context.rb:143:in `pass'
/usr/share/foreman/vendor/ruby/2.1.0/gems/rack-cache-1.2/lib/rack/cache/context.rb:155:in `invalidate'
/usr/share/foreman/vendor/ruby/2.1.0/gems/rack-cache-1.2/lib/rack/cache/context.rb:71:in `call!'
/usr/share/foreman/vendor/ruby/2.1.0/gems/rack-cache-1.2/lib/rack/cache/context.rb:51:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/railties-3.2.21/lib/rails/engine.rb:484:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/railties-3.2.21/lib/rails/application.rb:231:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/railties-3.2.21/lib/rails/railtie/configurable.rb:30:in `method_missing'
/usr/share/foreman/vendor/ruby/2.1.0/gems/rack-1.4.5/lib/rack/builder.rb:134:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/rack-1.4.5/lib/rack/urlmap.rb:64:in `block in call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/rack-1.4.5/lib/rack/urlmap.rb:49:in `each'
/usr/share/foreman/vendor/ruby/2.1.0/gems/rack-1.4.5/lib/rack/urlmap.rb:49:in `call'
/usr/lib/ruby/vendor_ruby/phusion_passenger/rack/thread_handler_extension.rb:74:in `process_request'
/usr/lib/ruby/vendor_ruby/phusion_passenger/request_handler/thread_handler.rb:141:in `accept_and_process_next_request'
/usr/lib/ruby/vendor_ruby/phusion_passenger/request_handler/thread_handler.rb:109:in `main_loop'
/usr/lib/ruby/vendor_ruby/phusion_passenger/request_handler.rb:455:in `block (3 levels) in start_threads'
2015-08-11 13:19:38 [I] Rendered api/v2/errors/standard_error.json.rabl within api/v2/layouts/error_layout (0.9ms)
2015-08-11 13:19:38 [I] Completed 500 Internal Server Error in 142.3ms (Views: 2.7ms | ActiveRecord: 23.4ms)
```

#5 - 01/13/2016 03:00 AM - Dominic Cleal

- Related to Bug #13161: bond0.vlan breaks fact upload added

#6 - 04/12/2016 06:37 AM - Marek Hulán

- Related to Bug #11235: Non-English exception on some runs of Actions::Foreman::Host::ImportFacts added

#7 - 04/15/2016 11:25 AM - Luca Lorenzetto

I'm experiencing the same issue. I've an host running RHEL 5, with bond0 and bond0:0 interface. When running puppet agent -t, facts are not uploaded at all and the host is not assigned to the right organization.

Removing the interface bond0:0 allowed the correct facts upload.

My foreman server is running at version 1.9.3

#8 - 05/11/2016 08:11 PM - joe barnes

```
2016-05-11 16:47:40 [app] [I] Processing by TasksController#show as /*
2016-05-11 16:47:40 [app] [I] Parameters: {"id"=>"*****"}
2016-05-11 16:47:40 [app] [I] Rendered tasks/_list.html.erb (0.1ms)
2016-05-11 16:47:40 [app] [I] Completed 200 OK in 10ms (Views: 1.4ms | ActiveRecord: 2.5ms)
2016-05-11 16:47:41 [app] [I] Failed to save: Identifier Can't add or remove `.` from identifier, Identifier Can't add or remove `.` from identifier
```

foreman 1.9.2 on redhat 6.7

this is troublesome because the in-interface iframe says "For virtual interfaces, use either alias notation (eth0:1, name:index) or VLAN notation (eth0.15, name.tag)." and :1 notation does not work.

#9 - 10/26/2016 10:43 AM - Marek Hulán

This might be specific to salt or the fact, that vlan/alias interface is the only interface uploaded in facts so it somehow mismatched and tries to update existing interface that does not have dot or colon in identifier. If you don't need facts import to update host interfaces, you can disable it in settings to avoid errors in logs.

#10 - 02/20/2017 03:05 PM - Marek Hulán

- Status changed from New to Feedback

I think this issue combines multiple different problems. The first one was skipping update of an interface because the identifier has changed "virtuality"

of the device. This might or might not be specific to how foreman_salt parses interfaces. I think this has should no longer block the interface saving after [#16935](#) fixed fixed in 1.14. The second issue seems to be from older Foreman where we didn't skip invalid interfaces and the import fails completely. I think this should not happen anymore. Please let us know if you experience similar problems with Foreman 1.14+.

#11 - 05/17/2017 11:54 AM - Anonymous

- Status changed from Feedback to Resolved

no reaction, closing