

## Foreman - Bug #2431

### Foreman MYSQL Error on hosts\_and\_Facts import when FQDN is missing

04/25/2013 06:53 PM - Sam McLeod

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> Facts	
<b>Target version:</b> 1.3.0	
<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>	
hostnames removed for privacy's sake.	
<pre>root@puppetmaster:~# rake -f /usr/share/foreman/Rakefile puppet:import:hosts_and_facts RAILS_ENV=p roduction Libvirt binding are missing - hypervisor management is disabled Importing from /var/lib/puppet/yaml/facts Importing nameremoved.net.au Importing nameremoved.net.au Importing nameremoved.net.au Importing nameremoved.net.au Importing nameremoved.net.au Importing nameremoved.net.au Importing nameremoved.net.au Importing nameremoved.net.au Importing nameremoved.net.au Importing nameremoved.net.au Importing nameremoved.net.au Importing nameremoved rake aborted! Mysql::Error: Column 'name' cannot be null: INSERT INTO `hosts` (`model_id`, `serial`, `ip`, `loca tion_id`, `certname`, `root_pass`, `build`, `enabled`, `mac`, `managed`, `updated_at`, `puppet_pro xy_id`, `subnet_id`, `image_id`, `organization_id`, `last_freshcheck`, `use_image`, `domain_id`, ` puppet_ca_proxy_id`, `name`, `disk`, `source_file_id`, `comment`, `operatingsystem_id`, `last_comp ile`, `owner_type`, `environment_id`, `medium_id`, `compute_resource_id`, `architecture_id`, `owne r_id`, `image_file`, `puppet_status`, `installed_at`, `environment`, `ptable_id`, `hostgroup_id`, `uuid`, `created_at`, `last_report`) VALUES (NULL, NULL, NULL, NULL, NULL, NULL, 0, 1, '', NULL, ' 2013-04-25 22:46:37', NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL , NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL, 0, NULL, NULL, NULL, NULL, NULL, '2013-04-25 22: 46:37', NULL)  Tasks: TOP =&gt; puppet:import:hosts_and_facts (See full trace by running task with --trace)  root@puppetmaster:~# dpkg --get-frontend   grep foreman ii foreman 1.1.1+debian1 Systems management web interface rc foreman-mysql 1.1.1+debian1 metapackage providing MySQL dependencies for Foreman ii foreman-proxy 1.1+debian1 RESTful proxies for DN S, DHCP, TFTP, and Puppet root@puppetmaster:~# dpkg --get-frontend   grep puppet ii facter 1.6.18-1puppetlabs1 Ruby module for collec ting simple facts about a host operating system ii hiera 1.1.2-1puppetlabs1 A simple pluggable Hie rarchical Database. ii puppet 2.6.2-5+squeeze7 Centralized configurat ion management - agent startup and compatibility scripts ii puppet-common 2.6.2-5+squeeze7 Centralized configurat</pre>	

```
ion management
iF puppet-dashboard 1.2.23-1puppetlabs1 Dashboard for Puppet
ii puppetlabs-release 1.0-5 "Package to install Pu
ppet Labs gpg key and apt repo"
ii puppetmaster 2.6.2-5+squeeze7 Centralized configurat
ion management - master startup and compatibility scripts
```

```
root@puppetmaster:~# cat /etc/debian_version
6.0.7
```

```
root@puppetmaster:~# uname -a
Linux puppetmaster 3.2.0-0.bpo.4-686-pae #1 SMP Debian 3.2.35-2~bpo60+1 i686 GNU/Linux
```

```
root@puppetmaster:~# rails --version
Rails 2.3.5
```

```
root@puppetmaster:~# ruby --version
ruby 1.8.7 (2010-08-16 patchlevel 302) [i486-linux]
```

I've tried looking through `/var/lib/puppet/yaml/facts/*` to see if I can find any yaml's with dodgy characters etc... but I can't see anything.

I believe this happened after upgrading foreman, but we only noticed the cron job failing a few days ago so I can't be certain.

#### Related issues:

Has duplicate Foreman - Bug #3154: Failed to import facts: undefined method `... Duplicate 09/27/2013

#### Associated revisions

##### Revision 3d6c46e5 - 08/21/2013 10:45 AM - Ash Caire

fixes #2431 - handle fact uploads where host is missing \$fqdn

#### History

##### #1 - 04/25/2013 07:07 PM - Sam McLeod

OK we just fixed it - we removed all hosts that didn't have a FQDN, we found that once this was done there were actually duplicates of those hosts that existed with the FQDN.

Can close this one off.

##### #2 - 04/26/2013 03:35 AM - Dominic Cleal

- Status changed from New to Closed

Thanks for finding the cause Sam!

##### #3 - 04/29/2013 12:13 AM - Sam McLeod

Hi,

I actually need this ticket re-opened.

Although deleting the hosts that the rake complains about worked, as soon as those hosts did their next puppet run formans rake complained about those same hosts again.

I ran the yaml files for those hosts through several yaml syntax checkers and looked them over from top to bottom but I can't see any issues?

##### #4 - 04/30/2013 03:23 AM - Dominic Cleal

- Status changed from Closed to Feedback

Do your host have an "fqdn" fact? The resolution of this changed in Factor 1.7.0 to use ``hostname -f`` which has broken a few (perhaps misconfigured) installations.

##### #5 - 05/01/2013 06:48 PM - Sam McLeod

Dominic Cleal wrote:

Do your host have an "fqdn" fact? The resolution of this changed in Factor 1.7.0 to use ``hostname -f`` which has broken a few (perhaps misconfigured) installations.

Hi Dominic,

Thanks for pointing us in the right direction.

The hosts were unaware of the fqdn's - they didn't have the fact at all.

**We fixed this by added the fqdn to /etc/hosts on the 127.0.1.1 line.  
This caused the fqdn fact to be created and then properly handed the information to foreman.**

I'm not sure if this is a common issue but it may be other adding some more description error information to the rake task as to why it fails.

**#6 - 05/02/2013 03:28 AM - Dominic Cleal**

- Subject changed from *Foreman MYSQL Error on hosts\_and\_Facts import to Foreman MYSQL Error on hosts\_and\_Facts import when FQDN is missing*
- Category set to *Facts*
- Status changed from *Feedback* to *New*

**#7 - 08/21/2013 08:12 AM - Dominic Cleal**

- Description updated
- Status changed from *New* to *Ready For Testing*
- Target version set to *1.3.0*

This PR from Ash Caire makes Foreman fall back to the certname if the FQDN's missing, which I'm pretty sure will fix the rake task too as they share a code path.

<https://github.com/foreman/foreman/pull/836>

**#8 - 08/21/2013 11:31 AM - Anonymous**

- Status changed from *Ready For Testing* to *Closed*
- % Done changed from *0* to *100*

Applied in changeset [3d6c46e5132ab60b3ad791a43f94b9fef9e23e2](#).

**#9 - 09/27/2013 07:38 AM - Dominic Cleal**

- Has duplicate Bug #3154: *Failed to import facts: undefined method `downcase' for nil:NilClass added*