# Foreman - Bug #12623

## CRs with integer UUIDs cause DB error on VM association: operator does not exist: character varying = integer

11/27/2015 05:11 AM - Dominic Cleal

| | | | |
|---|---|---|---|
| **Status:** | Closed | | |
| **Priority:** | Normal | | |
| **Assignee:** | Dominic Cleal | | |
| **Category:** | Compute resources | | |
| **Target version:** | 1.10.1 | | |
| **Difficulty:** | | **Fixed in Releases:** | |
| **Triaged:** | | **Found in Releases:** | |
| **Bugzilla link:** | | **Red Hat JIRA:** | |
| **Pull request:** | https://github.com/theforeman/foreman/pull/2940 | | |

### Description

Compute resources that return integers from the #identity method of Fog server objects throw an error during VM/host association as Rails tries to compare an integer to a string column.

```
PGError: ERROR: operator does not exist: character varying = integer LINE 1: ..."hosts"."compute_r
esource_id" = 1 AND "hosts"."uuid" IN (21) ^ HINT: No operator matches the given name and argument
 type(s). You might need to add explicit type casts. : SELECT COUNT(*) FROM "hosts" WHERE "hosts".
"organization_id" IN (1) AND "hosts"."location_id" IN (2) AND "hosts"."type" IN ('Host::Managed')
AND "hosts"."compute_resource_id" = 1 AND "hosts"."uuid" IN (21)
```

This is called from the Host::Managed.for_vm scope.

Reported at https://github.com/theforeman/foreman-one/issues/8 and I suspect it may also affect foreman-digitalocean whose Fog server does the same.

## Associated revisions

**Revision 3ef29ca2 - 11/30/2015 05:00 AM - Dominic Cleal**

fixes #12623 - convert VM IDs to strings for DB lookup

Some CR types return the VM identities as integers, but the `uuid` column is a string type.  Convert all VM IDs to strings before comparing to prevent SQL errors on PostgreSQL.

Replaced skip_callback in test factories to prevent it leaking into other tests and permanently skipping the callback.

**Revision ecc88e47 - 01/19/2016 08:10 AM - Dominic Cleal**

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(cherry picked from commit 3ef29ca2220ee77f77ec50326e330e0c671341e5)

## History

**#1 - 11/27/2015 06:07 AM - The Foreman Bot**

*- Status changed from Assigned to Ready For Testing*

*- Pull request https://github.com/theforeman/foreman/pull/2940 added*

**#2 - 11/30/2015 05:01 AM - Dominic Cleal**

*- Status changed from Ready For Testing to Closed*

*- % Done changed from 0 to 100*


Applied in changeset [3ef29ca2220ee77f77ec50326e330e0c671341e5](.).

**#3 - 11/30/2015 05:02 AM - Dominic Cleal**

*- translation missing: en.field_release set to 104*