We've just upgraded our Foreman installation to 1.8.2 and found that our Openstack provisioning stopped working. We've narrowed the issue down to the new Openstack boot from volume code (see http://projects.theforeman.org/issues/4521).

It seems that even if the "Boot from volume" button is unchecked, Foreman still fires the boot_from_volume function in /usr/share/foreman/app/models/compute_resources/foreman/model/openstack.rb. In our infrastructure this broke our provisioning as we don't use Ceph/block device volumes on Openstack.

On line 76 of openstack.rb:

```ruby
def create_vm(args = {})
    boot_from_volume(args) if args[:boot_from_volume]
    ....
```

When I create a new Openstack VM, boot_from_volume always gets called, even though I can see "boot_from_volume"=>"false" in the Foreman logs for the new host.

**Related issues:**
- Related to Foreman - Bug #4521: Openstack boot from volume

**Associated revisions**
- Revision 776cff93 - 06/18/2015 09:00 AM - Daniel Lobato Garcia
  Fixes #10867 - OpenStack boot_from_volume is true only when checked

- Revision ca55ae5c - 07/17/2015 12:59 PM - Daniel Lobato Garcia
  Fixes #10867 - OpenStack boot_from_volume is true only when checked
  (cherry picked from commit 776cff93b006cb69063fed142e776acd1378)

- Revision 1af68074 - 08/18/2015 01:20 PM - Daniel Lobato Garcia
  Fixes #10867 - OpenStack boot_from_volume is true only when checked
  (cherry picked from commit 776cff93b006cb69063fed142e776acd1378)

- Revision 5ffe796f - 08/18/2015 02:09 PM - Dominic Cleal
  refs #10867 - bool cast compatibility with 1.8
Correction, I didn't mean Ceph, I meant Cinder :)

- Legacy Backlogs Release (now unused) set to 62
- Related to Bug #4521: Openstack boot from volume added

Looks like `args[:boot_from_volume]` is going to return true (boolean) for either "true" or "false" strings.

Don't forget that we have Foreman::Cast.to_bool now in develop.

- Status changed from New to Ready For Testing
- Pull request https://github.com/theforeman/foreman/pull/2498 added
- Pull request deleted ()

- Assignee set to Daniel Lobato Garcia

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

Applied in changeset 776cf93637b006c8b69063fecd142e778ac61378.