

Foreman - Bug #3541

ec2 provisioning failure in setSSHProvision (when no CA available?)

10/29/2013 03:40 PM - David Schmitt

Status:	Closed	
Priority:	Normal	
Assignee:	Ivan Necas	
Category:	Compute resources	
Target version:	1.14.2	
Difficulty:		Fixed in Releases:
Triaged:		Found in Releases:
Bugzilla link:		Red Hat JIRA:
Pull request:	https://github.com/theforeman/foreman/pull/4262	

Description

Hi,

I've a fresh 1.3 foreman connected to aws. Deploying new machines works flawlessly, except for this failure:

```
Rolling back due to a problem: [Configure instance c06-test3.example.com via SSH 2003 failed
[#<Host::Managed id: 7, name: "c06-test3.example.com", ip: "54.211.196.93", last_compile: nil, last_freshcheck: nil, last_report: nil, updated_at: "2013-10-29 14:19:45", source_file_id: nil, created_at: "2013-10-29 14:19:45", mac: nil, root_pass: nil, serial: nil, puppet_status: 0, domain_id: 1, architecture_id: 1, operatingsystem_id: 1, environment_id: 11, subnet_id: nil, ptable_id: 1, medium_id: nil, build: true, comment: "", disk: "", installed_at: nil, model_id: nil, hostgroup_id: nil, owner_id: nil, owner_type: nil, enabled: true, puppet_ca_proxy_id: nil, managed: true, use_image: nil, image_file: nil, uuid: "i-953e16f0", compute_resource_id: 1, puppet_proxy_id: 1, certname: nil, image_id: 1, organization_id: nil, location_id: 1, type: "Host::Managed">, :setSSHProvision]]
ActiveRecord::Rollback
```

The finish script has already run successfully (checked by manually connecting to the new instance). setSSHProvision seems to fail on the "respond_to?(:initialize_puppetca,true) && initialize_puppetca && delAutosign if puppetca?" step. This system has no CA proxy configured and the test image/script has never tried to connect to the puppetmaster.

There were multiple factors which combined into making this an ugly issue to debug, I've no idea how easy those are to fix or which of those should be fixed:

- no default finish template for EC2: this would have helped establishing the fact that a successful puppet run is required to finish the provisioning
- output of the finish script not displayed: echoing the output somewhere on the foreman side would have easily established the success of the script without having to connect to the instance (which required extracting the key from the database)
 - related: unclear output from the ssh provisioner on default log levels. Has the following succeeded?

```
SSH connection established to 54.205.211.252 - executing template
negotiating protocol version
got KEXINIT from server
sending KEXINIT
negotiating algorithms
could not connect to ssh-agent
channel_open_confirmation: 0 0 0 32768
sending channel request "exec"
channel_window_adjust: 0 +2097152
channel_success: 0
channel_data: 0 1b
channel_data: 0 1b
channel_data: 0 1b
channel_eof: 0
channel_request: 0 exit-status false
```

```
channel_close: 0
closing remaining channels (0 open)
```

(yes, it has, but it doesn't say so)

- no error from

```
respond_to?(:initialize_puppetca,true) && initialize_puppetca && delAutosign if puppetca?
```

in setSSHProvision: this can fail the provisioning, but neither "respond_to?(:initialize_puppetca,true) == false" nor "not puppetca?" would report any specific error.

- The "Rolling back due to a problem" message does not point to the source location actually causing the error: this would have helped with debugging * related: "Configure instance .* failed" only matches .mo and .js files, also not helping in locating the failing code: indicating the separate fields of this message ("[Configure instance c06-test3.example.com via SSH] [prio:2003] failed") would have helped with debugging

I've added a simple "true" after the initialize_puppetca line and thus was able to successfully provision to EC2.

Related issues:

Related to Foreman - Bug #2693: unattended installation without Puppet CA is ...	Closed	06/21/2013
Related to Foreman - Bug #3222: Disabling UUID certificates leaves UUID certn...	Closed	10/08/2013
Related to Foreman - Bug #13770: SSH provisioning fails when no puppetca is a...	Duplicate	02/17/2016
Related to Foreman - Tracker #14002: Orchestration build around ActiveRecord ...	New	03/02/2016
Related to Foreman - Bug #14004: After_commit failure doesn't handle the roll...	New	03/02/2016
Has duplicate Foreman - Bug #9414: The SSH config step of provisioning assume...	Duplicate	02/17/2015

Associated revisions

Revision a4e1e08c - 02/10/2017 07:22 AM - Ivan Necas

Fixes #3541,#13769 - return true on success of ssh orchestration

Strange things start happening otherwise.

Revision 20134e11 - 03/01/2017 02:08 PM - Ivan Necas

Fixes #3541,#13769 - return true on success of ssh orchestration

Strange things start happening otherwise.

(cherry picked from commit a4e1e08ceb388e9749fceee8ae4487ab3c76c105)

History

#1 - 10/29/2013 03:43 PM - Dominic Cleal

- Category set to Compute resources

#2 - 10/29/2013 03:46 PM - Dominic Cleal

Just as a note, I think this is the same problem as [#2693](#) but I didn't fix it in the SSH part as I didn't realise the same code existed. We should review and combine these, as [#3222](#) probably isn't addressed for SSH provisioning either.

#3 - 10/29/2013 03:46 PM - Dominic Cleal

- Related to Bug #2693: unattended installation without Puppet CA is failing added

#4 - 10/29/2013 03:46 PM - Dominic Cleal

- Related to Bug #3222: Disabling UUID certificates leaves UUID certname in place on newly created hosts added

#5 - 02/17/2016 11:35 AM - Dominic Cleal

- Related to Bug #13770: SSH provisioning fails when no puppetca is assigned to the host added

#6 - 02/17/2016 11:54 AM - Dominic Cleal

- Has duplicate Bug #9414: The SSH config step of provisioning assumes a Puppet CA proxy is specified, fails otherwise added

#7 - 03/02/2016 04:19 AM - Ivan Necas

- Related to Tracker #14002: Orchestration build around ActiveRecord hooks tracker added

#8 - 03/02/2016 05:05 AM - Ivan Necas

- Related to Bug #14004: After_commit failure doesn't handle the rollback for the actions performed from the pre_commit phase and active record objects added

#9 - 03/02/2016 05:15 AM - The Foreman Bot

- Status changed from New to Ready For Testing
- Assignee set to Ivan Necas
- Pull request <https://github.com/foreman/foreman/pull/3269> added

#10 - 12/19/2016 03:39 AM - Dominic Cleal

- Status changed from Ready For Testing to New
- Assignee deleted (Ivan Necas)
- Pull request deleted (<https://github.com/foreman/foreman/pull/3269>)

Issue likely still present, but PR closed due to inactivity.

#11 - 02/08/2017 05:02 PM - The Foreman Bot

- Status changed from New to Ready For Testing
- Assignee set to Ivan Necas
- Pull request <https://github.com/foreman/foreman/pull/4262> added

#12 - 02/10/2017 08:01 AM - Ivan Necas

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

Applied in changeset [a4e1e08ceb388e9749fcee8ae4487ab3c76c105](#).

#13 - 02/10/2017 08:26 AM - Dominic Cleal

- translation missing: en.field_release set to 221