

Foreman - Feature #3625

Provisioning a Windows Server on ec2 via Foreman Fails

11/11/2013 08:07 PM - Kanwar Batra

Status: New	
Priority: Normal	
Assignee:	
Category: Compute resources	
Target version:	
Difficulty: medium	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link:	Red Hat JIRA:
Pull request:	
Description	
I am in the process of configuring a Windows 2008 ec2 instance . The following is what I've noticed	
a) The provisioning cycle starts without any issue	
b) The EC2 instances start on the AWS interface	
c) The DNS gets registered	
d) The Windows server build on Foreman abort with no clear message except stating "Waiting to Come online - 2001" Failed.	

History

#1 - 11/11/2013 08:13 PM - Kanwar Batra

Foreman Log

```
usr/lib/ruby/gems/1.8/gems/passenger-4.0.5/lib/phusion_passenger/request_handler/thread_handler.rb:108:in `main_loop'
/usr/lib/ruby/gems/1.8/gems/passenger-4.0.5/lib/phusion_passenger/request_handler.rb:441:in `block (3 levels) in start_threads'
Rolling back due to a problem: [Wait for wintest08.dev.cld.nimblefish.com to come online 2001 failed [#<Host::Managed id: 59, name:
"wintest08.dev.cld.nimblefish.com", ip: "10.185.64.37", last_compile: nil, last_freshcheck: nil, last_report: nil, updated_at: "2013-11-11 18:10:07",
source_file_id: nil, created_at: "2013-11-11 18:10:07", mac: nil, root_pass: nil, serial: nil, puppet_status: 0, domain_id: 1, architecture_id: 1,
operatingsystem_id: 2, environment_id: 2, subnet_id: nil, ptable_id: nil, medium_id: nil, build: true, comment: "", disk: "", installed_at: nil, model_id: nil,
hostgroup_id: 5, owner_id: nil, owner_type: nil, enabled: true, puppet_ca_proxy_id: 1, managed: true, use_image: nil, image_file: nil, uuid:
"i-8cd169e8", compute_resource_id: 1, puppet_proxy_id: 1, certname: nil, image_id: 5, organization_id: nil, location_id: nil, type: "Host::Managed">,
:setSSHWaitForResponse]]
ActiveRecord::Rollback
Redirected to https://amlnx-nfd-pup01.dev.cld.nimblefish.com/hosts/wintest08.dev.cld.nimblefish.com
Completed 302 Found in 362186ms (ActiveRecord: 44.6ms)
```

#2 - 11/11/2013 08:19 PM - Dominic Cleal

- Tracker changed from Bug to Feature
- Project changed from Smart Proxy to Foreman
- Category set to Compute resources
- Priority changed from High to Normal
- translation missing: en.field_release deleted (1)

Foreman uses SSH to provision image-based virtual machines, so it'll be trying to SSH to your Windows host. We'd need to add support for some other way to support Windows.

#3 - 11/11/2013 08:28 PM - Kanwar Batra

I've installed cygwin and enabled ssh on the windows image, I've also set the PermitRootLogin withoutPassword so it can utilize the Keys, Is there any thing other than that I need to do, Please advise.

Thanks!

#4 - 11/11/2013 08:31 PM - Dominic Cleal

I guess it would need to install the SSH keys too, and ensure the username in the image configuration in Foreman is right. Check it works outside of Foreman first.

#5 - 11/11/2013 08:52 PM - Kanwar Batra

Thanks Dominic, I've generated a key on the foreman and added the public to the windows image. It works from the foreman host so I am going to see if it picks it up in the provisioning process. Building updated AMI will keep you updated

Thanks!

#6 - 11/11/2013 09:02 PM - Dominic Cleal

Usually Foreman itself will generate a key and pass the public key to the EC2 API rather than using a standard one. Usually AMIs will contain a script that runs at boot, which queries the metadata available from the internal per-instance EC2 API to get the public key. There a small example here and you'll probably find more by searching for "latest/meta-data/public-keys" or guides on building AMIs.

<http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/AESDG-chapter-instancedata.html#instancedata-data-retrieval>

#7 - 11/18/2013 06:49 PM - Kanwar Batra

Hi Dominic,

I have successfully deployed the Windows machine via Foreman, I had to put the Foreman Generated Public Key into my AMI so it will recognize for Trusted Auth. The SSH is setup using Cygwin.

The New Host provisioning does go through the deploy and past the SSH module suggests it is running the script , However What I noticed is that it does not run any of the SSH commands. Please let me know if you have any advise on what I can do to make the script run.

Thanks

#8 - 11/18/2013 07:41 PM - Kanwar Batra

Kanwar Batra wrote:

Foreman Log

```
usr/lib/ruby/gems/1.8/gems/passenger-4.0.5/lib/phusion_passenger/request_handler/thread_handler.rb:108:in `main_loop'
/usr/lib/ruby/gems/1.8/gems/passenger-4.0.5/lib/phusion_passenger/request_handler.rb:441:in `block (3 levels) in start_threads'
Rolling back due to a problem: [Wait for wintest08.dev.cld.nimblefish.com to come online 2001 failed [#<Host::Managed id: 59, name:
"wintest08.dev.cld.nimblefish.com", ip: "10.185.64.37", last_compile: nil, last_freshcheck: nil, last_report: nil, updated_at: "2013-11-11 18:10:07",
source_file_id: nil, created_at: "2013-11-11 18:10:07", mac: nil, root_pass: nil, serial: nil, puppet_status: 0, domain_id: 1, architecture_id: 1,
operatingsystem_id: 2, environment_id: 2, subnet_id: nil, ptable_id: nil, medium_id: nil, build: true, comment: "", disk: "", installed_at: nil,
model_id: nil, hostgroup_id: 5, owner_id: nil, owner_type: nil, enabled: true, puppet_ca_proxy_id: 1, managed: true, use_image: nil, image_file:
nil, uuid: "i-8cd169e8", compute_resource_id: 1, puppet_proxy_id: 1, certname: nil, image_id: 5, organization_id: nil, location_id: nil, type:
"Host::Managed">, :setSSHWaitForResponse]]
ActiveRecord::Rollback
Redirected to https://,,
Completed 302 Found in 362186ms (ActiveRecord: 44.6ms)
```

#9 - 11/18/2013 07:51 PM - Kanwar Batra

I have successfully deployed the Windows machine via Foreman, I had to put the Foreman Generated Public Key into my AMI so it will recognize for Trusted Auth. The SSH is setup using Cygwin.

The New Host provisioning does go through the deploy and past the SSH module suggests it is running the script , However What I noticed is that it does not run any of the SSH commands. Please let me know if you have any advise on what I can do to make the script run.

I can however run the same commands if I ssh into the Host and run it. I do notice that during ssh it prompts to accept key. Is there a way to pass StrictHostKeyChecking no to SSH via foreman to see if that is the reason for script not running

THanks

#10 - 11/18/2013 10:32 PM - Kanwar Batra

Foreman Log Info show below

```
SSH connection established to <|paddress> - 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
```