Foreman - Bug #9140

Templates proxy doesn't work with OpenStack (and other image-based?) instances

01/28/2015 05:04 AM - Stephen Benjamin

Status:	New		
Priority:	High		
Assignee:	Greg Sutcliffe		
Category:	Templates		
Target version:			
Difficulty:		**Fixed in Releases:**	
Triaged:		**Found in Releases:**	
Bugzilla link:		**Red Hat JIRA:**	
Pull request:			

Description
If I create an OpenStack instance, you don't select a subnet so Foreman has no way to know to use the Templates proxy on the TFTP server.

Related issues:	
Blocks Katello - Tracker #8172: Isolate Client Communication through a Capsule	**New**

History

#1 - 01/28/2015 05:05 AM - Stephen Benjamin

- Related to Tracker #8172: Isolate Client Communication through a Capsule added

#2 - 01/28/2015 05:05 AM - Stephen Benjamin

- Related to deleted (Tracker #8172: Isolate Client Communication through a Capsule)

#3 - 01/28/2015 05:05 AM - Stephen Benjamin

- Blocks Tracker #8172: Isolate Client Communication through a Capsule added

#4 - 01/28/2015 05:12 AM - Stephen Benjamin

And in case it's not clear, the finish scripts and user-data both make a foreman_url('built') call. This should be isolated.

#5 - 01/28/2015 05:21 AM - Dominic Cleal

Stephen Benjamin wrote:

> And in case it's not clear, the finish scripts and user-data both make a foreman_url('built') call. This should be isolated.

finish scripts used for image builds should not call foreman_url for anything (
https://github.com/theforeman/community-templates/blob/master/kickstart/finish.erb doesn't), as the finish script is called synchronously from
Foreman. Calling foreman_url blindly may cause issues like #9098 ('built' is probably OK). finish scripts used with preseed should call foreman_url,
as they're asynchronous.

user-data files/scripts should also call it.

#6 - 03/02/2015 01:52 PM - Ohad Levy

- Assignee set to Greg Sutcliffe

#7 - 03/04/2015 10:32 AM - Greg Sutcliffe

So, we can't use any clever tricks in this case. The usual case (i.e PXE-based installs) is that we have a TFTP proxy we can qury to see if it also has
the Template feature, and make use of it if so. In the Openstack case, it's quite possible the host has **no** proxies assigned (i.e if you're not using DNS
or Puppet/PuppetCA).

So, the only solution I can think of is to add a new field to the Operating System partials which is a combobox containing all known Template Proxies
(and hide it if template_proxies.size == 0). We'll have to store this in the DB (on the hosts table) so that it's consistent when editing the host. We'll
probably want a JS/AJAX call to pre-populate it with the appropriate proxy if a subnet **is** selected. Once submitted, the renderer(s) will need to use
that field instead of the current guesswork around TFTP proxies.

This will have the bonus side-effect of fixing the issue when the TFTP proxy and the Template proxy are not the same entity.