Foreman - Bug #11583

unattended_url is not high available

08/27/2015 05:03 AM - Daniel Lobato Garcia

Status:	Rejected		
Priority:	Normal		
Assignee:			
Category:	Templates		
Target version:			
Difficulty:		**Fixed in Releases:**	
Triaged:		**Found in Releases:**	
Bugzilla link:		**Red Hat JIRA:**	
Pull request:			

Description

On installations of Foreman that serve templates through the smart-proxy, we want Foreman to show the smart-proxy URL on the 'compiled' templates, so that hosts would access the smart-proxy instead of Foreman.
This works well if you have one smart-proxy.

However, if your network is segmented, and you're trying to serve templates from the smart-proxy to your hosts, that is not possible currently. With only one unattended_url setting, all you can do is to serve templates to hosts in the same network as the smart-proxy URL you set in unattended_url.

My proposed solution would be to allow subnets in Foreman to have their own unattended_url setting which would take precedence over the default one. This way hosts in segmented networks could get templates from their respective smart-proxies. As of now, it's not possible.

History

#1 - 08/27/2015 05:11 AM - Dominic Cleal

When using the smart proxy templates feature, is the URL not supplied by the smart proxy itself? Via the smart proxy's template_url setting (https://github.com/theforeman/smart-proxy/blob/develop/config/settings.d/templates.yml.example#L14) which should override Foreman's usual unattended_url.

#2 - 08/27/2015 07:37 AM - Dominic Cleal

- Status changed from New to Feedback

#3 - 08/27/2015 01:48 PM - Daniel Lobato Garcia

unattended_url should be set on Foreman to be the same as the template_url (on /etc/smart-proxy/settings.d/templates.yml) to provide that URL on the PXE/kickstart templates. Unless I missed something, the proxy will not modify the templates coming from Foreman and compile them with the proxy URL. foreman_url('provision') for instance, will just use the unattended_url (which can be a **single** proxy URL).

A way to reproduce this with libvirt:

```
- Create 2 networks, network A 192.168.122.0/24 , and network B 192.168.121.0/24 . All that matters is that ho
sts in one won't be able to access the other.
  - Setup Foreman in any of the networks, or a third. Setup a proxy in each network. Only proxies can connect
to Foreman, but nothing else on these networks can reach outside traffic.
  - Problem
: Modify unattended_url in Foreman to be the same as template_url. So that foreman_url('provision') would be a
ble to resolve to the proxy for templates.
```

Which template_url? The one on proxy in network A or proxy in network B? At this point we are effectively disabling provisioning on one of the networks, as foreman_url('xxxx') is going to resolve to the URL of one of the proxies.

#4 - 08/27/2015 02:25 PM - Stephen Benjamin

If you're using the Template feature foreman_url('provision') and anything else gets resolved to the tempalte url in the proxy.

https://github.com/theforeman/foreman/blob/develop/lib/foreman/renderer.rb#L39

#5 - 08/27/2015 02:29 PM - Daniel Lobato Garcia

- Status changed from Feedback to Closed

Closing as I didn't read that part. Thanks!

#6 - 08/28/2015 02:56 AM - Dominic Cleal

- Status changed from Closed to Rejected