

Foreman - Feature #717

Add an option to overwrite foreman_url value for reverse proxy use

03/08/2011 05:24 PM - Jeff Weiss

Status: Resolved	
Priority: Normal	
Assignee:	
Category: Unattended installations	
Target version:	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link:	Red Hat JIRA:
Pull request:	
Description	
Old title : Foreman UI passes wrong urls to backend config files	
I have foreman running on a private subnet. I forward a port from hostbox to foreman-box so that I can access the foreman UI from a browser. While I access foreman at http://hostbox:5000/ , it's actually running on http://foreman-box:3000/ .	
The problem shows up when I do "Build PXE Default".	
<pre>[root@jweiss-foreman-1 tftpboot]# more pxelinux.cfg/default DEFAULT menu PROMPT 0 MENU TITLE PXE Menu TIMEOUT 200 TOTALTIMEOUT 6000 ONTIMEOUT local LABEL local MENU LABEL (local) MENU DEFAULT LOCALBOOT 0 LABEL Kickstart Default - hg1 kernel boot/JeffLinux-1.0-x86_64-vmlinuz append initrd=boot/JeffLinux-1.0-x86_64-initrd.img ks=http://hostbox:5000/unattended/template/Kickstart%20Default/hg1 ksdevice=bootif network kssendmac ----- notice the use of "hostbox" in the ks attribute. Hosts on the private subnet should not be connecting to foreman that way. Foreman not be taking the HTTP headers from one user's browser session and using that as foreman's official address in PXE configs. This is foreman-0.1.7-rc5.1.noarch rpm</pre>	
Related issues:	
Related to Foreman - Bug #3569: Port in use by the browser is used in renderi...	Closed 11/04/2013

History

#1 - 03/09/2011 01:59 AM - Ohad Levy

imho there are 3 ways to handle this problem:

1. hard code the value that you want in the template
2. have a configurable setting for where foreman host can be found (required to generate the ks file).
3. use the browser defaults if the 2 above do not exists.

at the moment, 2 does not exists, but 1 and 2 are almost the same, so I didnt implement it.

what do you think?

#2 - 03/15/2011 03:34 AM - Ohad Levy

- Status changed from New to Feedback

#3 - 07/05/2012 07:34 AM - Benjamin Papillon

- Tracker changed from Bug to Feature

- Subject changed from Foreman UI passes wrong urls to backend config files to Add an option to overwrite foreman_url value for reverse proxy use

- Category set to Unattended installations

- Status changed from Feedback to New

I change this ticket to feature request. The issue is not a bug it is a consequence of using a reverse proxy with a change of URL. The solution for foreman is to possess an option to overwrite the foreman_url parameter with the hostname visible from clients.

As suggested by Ohad, the workaround is to hardcode your own parameter at the moment.

#4 - 12/06/2012 11:45 AM - Benjamin Papillon

- Status changed from New to Feedback

A new setting has been added : Settings[foreman_url]

Can you test a recent snapshot and confirm this solves your problem?

Benjamin

#5 - 04/23/2013 09:19 AM - Martijn van Oosterhout

I'm not the original submitter but am also interested in running behind a reverse proxy. I'm currently running 1.1-stable and it sorta works, but not really. The foreman_url parameter exists and it is sometimes used.

What I would like to have is: foreman_url=https://revproxy.company.com/foreman/

What breaks is that all references to CSS and Javascript use links like /javascript, when they should become /foreman/javascript.

I have no experience with Ruby, but in Django you fix this in two steps. One being that you can configure a URL for static resources, which deals with images/JS/CSS. The other being that you can specify a prefix for all URLs, essentially fixing the link_to() method. Or have an option that, if it is set, adds a path to the front of the url path routing. Although this requires a slightly different reverse proxy setup.

I can't say whether the original problem is solved though.

#6 - 06/18/2013 08:33 AM - Benjamin Papillon

- Status changed from Feedback to New

#7 - 11/14/2013 02:43 PM - Dominic Cleal

- Description updated

- Status changed from New to Resolved

- % Done changed from 0 to 100

Original problem has also been resolved via [#3569](#) which adds an unattended_url setting (for templates) to complement foreman_url (for web access).

#8 - 11/14/2013 02:43 PM - Dominic Cleal

- Related to Bug #3569: Port in use by the browser is used in rendering the templates added