The "require_ssl" setting (in /etc/foreman/settings.yml) should enforce that web requests sent to Foreman over HTTP are redirected to HTTPS, but this was found not to happen with API requests (e.g. from Hammer CLI). Foreman will process API requests over HTTP, but should have redirected.

Redirection won't help with credentials having already been sent, but should give some notification that the user/app is using the wrong URL.

Affects all versions of Foreman since 1.1.

The issue has already been fixed since Foreman 1.9.0-RC1 via a refactor in #10471.

To mitigate this with Apache, add a stanza to the HTTP VirtualHost (e.g. in /etc/httpd/conf.d/05-foreman.d/api_redirect.conf) similar to:

```
RewriteEngine On
RewriteRule ^/api/(.*) https://%{SERVER_NAME}/api/$1 [R,L]
```

Related issues:
- Related to Foreman - Refactor #10471: Replace require_ssl filter with Rails' force_ssl added

History

#1 - 07/15/2015 03:33 AM - Dominic Cleal
- Related to Refactor #10471: Replace require_ssl filter with Rails' force_ssl added