

Foreman - Bug #14050

N+1 query on hosts#index from host's build token

03/04/2016 08:34 AM - Dominic Cleal

Status:	Closed	
Priority:	Normal	
Assignee:	Tom Caspy	
Category:	Database	
Target version:	1.12.0	
Difficulty:		Fixed in Releases:
Triaged:		Found in Releases:
Bugzilla link:		Red Hat JIRA:
Pull request:	https://github.com/theforeman/foreman/pull/3340	

Description

When accessing the hosts#index since [#5883](#), the UI's performing a N+1 database lookup to find the tokens to calculate the build status.

```
| http://0.0.0.0:3000/hosts
| N+1 Query detected
|   Host::Managed => [:token]
|   Add to your finder: :includes => [:token]
| N+1 Query method call stack
|   /home/dcleal/code/foreman/foreman/app/models/host/managed.rb:266:in `token_expired?'
|   /home/dcleal/code/foreman/foreman/app/models/host_status/build_status.rb:54:in `token_expired?'
|   /home/dcleal/code/foreman/foreman/app/models/host_status/build_status.rb:35:in `to_status'
|   /home/dcleal/code/foreman/foreman/app/models/host_status/build_status.rb:25:in `to_global'
|   /home/dcleal/code/foreman/foreman/app/models/host_status/global.rb:19:in `block in build'
|   /home/dcleal/code/foreman/foreman/app/models/host_status/global.rb:19:in `map'
|   /home/dcleal/code/foreman/foreman/app/models/host_status/global.rb:19:in `build'
|   /home/dcleal/code/foreman/foreman/app/models/host/managed.rb:878:in `build_global_status'
|   /home/dcleal/code/foreman/foreman/app/helpers/hosts_helper.rb:109:in `host_global_status_icon_class_for_host'
|   /home/dcleal/code/foreman/foreman/app/helpers/hosts_helper.rb:98:in `name_column'
|   /home/dcleal/code/foreman/foreman/app/views/hosts/_list.html.erb:22:in `block in _app_views_hosts_list_html_erb__717094616139966240_70130187070520'
|   /home/dcleal/code/foreman/foreman/app/views/hosts/_list.html.erb:17:in `_app_views_hosts_list_html_erb__717094616139966240_70130187070520'
|   /home/dcleal/code/foreman/foreman/app/views/hosts/index.html.erb:4:in `_app_views_hosts_index_html_erb__4161764017543335258_99759220'
```

The tokens need to be preloaded in the same way that the last report is in [#10782](#), [#13112](#).

Related issues:

Related to Foreman - Bug #5883: Host: provide user indication that the build ...

Closed

05/22/2014

Associated revisions

Revision 9738552e - 03/22/2016 08:17 AM - Tom Caspy

fixes #14050 - resolving N+1 query on hosts#index

History

#1 - 03/04/2016 08:34 AM - Dominic Cleal

- Related to Bug #5883: Host: provide user indication that the build token has expired added

#2 - 03/17/2016 10:29 AM - The Foreman Bot

- Status changed from New to Ready For Testing

- Assignee set to Tom Caspy

- Pull request <https://github.com/theforeman/foreman/pull/3340> added

#3 - 03/22/2016 09:01 AM - Tom Caspy

- Status changed from *Ready For Testing* to *Closed*

- % Done changed from 0 to 100

Applied in changeset [9738552ed6daaf27455151910e0353c8aec41c7e](#).