Foreman - Bug #15182
CVE-2016-4451 - Privileges escalation through Organization and Locations API

05/25/2016 10:26 AM - Marek Hulán

Status: Closed
Priority: Normal
Assignee: Marek Hulán
Category: Security
Target version: 1.11.3
Difficulty: 
Pull request: https://github.com/theforeman/foreman/pull/3553
Triaged: 
Fixed in Releases: 
Bugzilla link: 1340107

Description
We set current org/loc for user in before filter blindly without any association check [2][3]. As a user I'd expect 404 (bug fixed by #3549) but I get the list of resources from org I've chosen even though I'm not associated to it.

Note that this is possible because users have by default viewer_role allowing to view all data regardless of organization. If user would have all filters associated to org 1 only he/she wouldn't see resource from org 2.


Related issues:
Related to Foreman - Bug #2524: Taxonomy scope API parameters not documented Closed 05/21/2013
Related to Foreman - Tracker #10022: Taxonomies related issues New 04/05/2015

Associated revisions
Revision 1144040f - 05/27/2016 07:34 AM - Marek Hulán
Fixes #15182 - limit user taxonomies in API (CVE-2016-4451)

Revision c4cdec71 - 06/16/2016 02:15 PM - Marek Hulán
Fixes #15182 - limit user taxonomies in API (CVE-2016-4451)
(cherry picked from commit 1144040f444b4bf4aae81940a150b26b23b4623c)

History
#1 - 05/25/2016 10:28 AM - Marek Hulán
- Related to Bug #2524: Taxonomy scope API parameters not documented added

#2 - 05/25/2016 10:28 AM - Marek Hulán
- Status changed from New to Assigned

present probably since 1.7

#3 - 05/25/2016 10:42 AM - Marek Hulán
- Related to Tracker #10022: Taxonomies related issues added

#4 - 05/25/2016 11:48 AM - The Foreman Bot
- Status changed from Assigned to Ready For Testing
- Pull request https://github.com/theforeman/foreman/pull/3553 added

05/09/2020
Subject changed from Privileges escalation through Organization and Locations API to CVE-2016-4451 - Privileges escalation through Organization and Locations API

Bugzilla link set to 1340107

Status changed from Ready For Testing to Closed

% Done changed from 0 to 100

Applied in changeset 1144040f444bf4bae81940a150b26b23b4623c.