# Foreman - Bug #15182

**CVE-2016-4451 - Privileges escalation through Organization and Locations API**

05/25/2016 10:26 AM - Marek Hulán

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Marek Hulán</td>
</tr>
<tr>
<td>Category:</td>
<td>Security</td>
</tr>
<tr>
<td>Target version:</td>
<td>1.11.3</td>
</tr>
<tr>
<td>Difficulty:</td>
<td></td>
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<tr>
<td>Pull request:</td>
<td><a href="https://github.com/theforeman/foreman/pull/3553">https://github.com/theforeman/foreman/pull/3553</a></td>
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<tr>
<td>Triaged:</td>
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<tr>
<td>Bugzilla link:</td>
<td>1340107</td>
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</table>

**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
- Related to Foreman - Tracker #10022: Taxonomies related issues

**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
#5 - 05/26/2016 09:00 AM - Marek Hulán
- Subject changed from Privileges escalation through Organization and Locations API to CVE-2016-4451 - Privileges escalation through Organization and Locations API

#6 - 05/26/2016 09:09 AM - Marek Hulán
- Bugzilla link set to 1340107

#7 - 05/27/2016 08:02 AM - Marek Hulán
- Status changed from Ready For Testing to Closed
- % Done changed from 0 to 100

Applied in changeset 11440444b4bf4aae81940a150b26b23b4623c-.