AzureRM - Bug #31938

CVE-2021-3413 Azure compute resource secret_key leak to authenticated users

02/22/2021 03:56 PM - Evgeni Golov

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
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<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Evgeni Golov</td>
</tr>
<tr>
<td>Category:</td>
<td>General Plugin Issues</td>
</tr>
<tr>
<td>Target version:</td>
<td>2.2.0</td>
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<tr>
<td>Difficulty:</td>
<td></td>
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<tr>
<td>Triaged:</td>
<td>Yes</td>
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<td>Bugzilla link:</td>
<td>1928786</td>
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<tr>
<td>Pull request:</td>
<td><a href="https://github.com/theforeman/foreman_azure_rm/pull/103">https://github.com/theforeman/foreman_azure_rm/pull/103</a></td>
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<tr>
<td>Fixed in Releases:</td>
<td>2.2.0</td>
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<tr>
<td>Found in Releases:</td>
<td></td>
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Description

Cloned from https://bugzilla.redhat.com/show_bug.cgi?id=1928786

authenticated users can acquire credentials of compute resources

1. prerequisites
   - user with the view_compute_resources permission (e.g. like granted by the "Viewers" role)
   - Azure RM compute resource configured

1. tested environment
Foreman 2.1 with Azure RM compute resource

1. leak
When the `/api/compute_resources/:id/` API endpoint is accessed, it contains the secret_key of the Azure RM user (also the tenant, app_ident etc data that is required to connect, but I think secret_key is the only secret here).

Version-Release number of selected component (if applicable):
2.1 with Azure RM plugin

How reproducible:
100%

Steps to Reproduce:
1. access /api/compute_resources/:id/
2. see credentials in the JSON

Actual results:
JSON contains "secret_key":"THE_KEY"

Expected results:
JSON doesn't contain the "secret_key" entry

Additional info:

Associated revisions

Revision cddf90e - 03/01/2021 05:59 AM - Evgeni Golov
Fixes #31938 - CVE-2021-3413 Azure compute secret_key leak

History

#1 - 02/22/2021 03:59 PM - The Foreman Bot
   - Assignee set to Evgeni Golov
- Pull request https://github.com/theforeman/foreman_azure_rm/pull/103 added

#2 - 03/01/2021 06:01 AM - Evgeni Golov
- Status changed from New to Closed

Applied in changeset forman_azure_rm|ccdff90e9c2497af3114c686571bd99f1a6bd.

#3 - 03/18/2021 01:59 PM - Chris Roberts
- Triaged changed from No to Yes
- Target version set to 2.2.0
- Category set to General Plugin Issues
- Subject changed from CVE-2021-3413 Azure compute resource secret_key leak to authenticated users to CVE-2021-3413 Azure compute resource secret_key leak to authenticated users

#4 - 03/18/2021 02:00 PM - Chris Roberts
- Fixed in Releases 2.2.0 added