

Foreman - Bug #11244

MAC taken error when updating NIC IPMI details through API

07/29/2015 08:03 AM - Alex Balk

Status: Resolved	
Priority: Normal	
Assignee: Marek Hulán	
Category: Network	
Target version:	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases: 1.9.0
Bugzilla link:	Red Hat JIRA:
Pull request:	
Description Running on Foreman 1.9RC2, Ubuntu 12.04.5 I'm trying to update the BMC user+password for a host (plan to push this into the discovery image), but I can't get update to work. First it complains that mac is required: <pre># curl -k -uadmin:\$PW https://localhost:443/api/hosts/hostname.com -X PUT -d '{"host": {"interface_s_attributes": [{"identifier": "ipmi", "username": "root"}]}}' -H 'Content-Type: application/json' { "error": {"id":3152,"errors":{"interfaces.mac":["can't be blank"],"interfaces":["some interfaces are invalid"]},"full_messages":["Mac can't be blank","Interfaces some interfaces are invalid"]} }</pre> Then it complains mac already exists: <pre># curl -k -uadmin:\$PW https://localhost:443/api/hostname.com -X PUT -d '{"host": {"interfaces_attributes": [{"identifier": "ipmi", "username": "root", "mac": "34:17:eb:e5:81:ed"}]}}' -H 'Content-Type: application/json' { "error": {"id":3152,"errors":{"interfaces.mac":["has already been taken"],"interfaces":["some interfaces are invalid"]},"full_messages":["Mac has already been taken","Interfaces some interfaces are invalid"]} }</pre>	
Related issues:	
Related to Foreman - Bug #11258: Can't update BMC through API without specify...	Closed 07/30/2015

History

#1 - 07/29/2015 08:06 AM - Dominic Cleal

- Subject changed from can't update network interface details to MAC taken error when updating NIC IPMI details through API

- Category changed from API to Network

#2 - 07/30/2015 08:31 AM - Marek Hulán

This seems to work for me (using nested API for a single interface)

```
curl -k -uadmin:changeme https://localhost:443/foreman/api/hosts/bmcipmi.example.com/interfaces/2720 -X PUT -d '{"identifier": "ipmi", "username": "root", "provider": "ipmi", "type": "bmc"}' -H 'Content-Type: application/json'
```

Note that you have to specify provider, otherwise error is returned (another bug I guess). Obvious disadvantage is that you have to specify interface id.

#3 - 07/30/2015 08:49 AM - Marek Hulán

- Related to Bug #11258: Can't update BMC through API without specifying provider added

#4 - 08/03/2015 10:40 AM - Alex Balk

Thank you, workaround works great!

#5 - 08/03/2015 11:14 AM - Marek Hulán

- Priority changed from High to Normal

thanks for letting us know, lowering the priority as there's a workaround

#6 - 04/14/2016 05:09 AM - Marek Hulán

- Status changed from New to Resolved

- Assignee set to Marek Hulán

In your example, the API call does not try to update existing IPMI interface but it tries to create a new one. The -X PUT says you're updating host. Since you didn't specify interface id, it thinks you want to create new interface. When you specified a MAC it conflicted with existing BMC when it tried to create a new one. When I modify your example with interface id, it works as expected

```
curl -k -uadmin:changeme https://foreman.example.tst/api/hosts/bm3.example.tst -X PUT -d '{"host": {"interface_s_attributes": [{"identifier": "ipmi", "username": "ares", "id": "48", "type": "Nic::BMC"}]}' -H 'Content-Type: application/json'
```

just note I have to specify id of interface and also the type. Please let me know if it doesn't work for you, I'd reopen the issue.