Foreman - Feature #6444
Add ancestry NICs and allow interfaces with same MAC

06/30/2014 11:53 AM - Marek Hulán

Status: Closed
Priority: Normal
Assignee: Marek Hulán
Category: Network
Target version: 1.7.0
Difficulty: 0

Pull request: https://github.com/theforeman/foreman/pull/1565

Triaged: 0
Fixed in Releases: 0
Bugzilla link: 1166163
Found in Releases: 0

Description
Virtual interfaces can have same MAC addresses so we should validate uniqueness only for physical interfaces. I'll add ancestry to NICs table, parents will be physical interfaces.

Related issues:
- Related to Foreman - Bug #6787: Turn off the validation on ip addresses
- Related to Foreman - Tracker #2409: Networking
- Related to Foreman - Bug #7344: unable to import interface facts for certain...
- Blocked by Foreman - Refactor #6560: Extract puppet specific fact parsing log...

Associated revisions
Revision d455f32c - 09/03/2014 11:24 AM - Marek Hulán
Fixes #6444 - add support for virtual NICs
Extend additional interface details refs #2240

NIC facts parsing change and we create interfaces in Foreman according to facts we recieve.

Subclasses does not define their own attributes and serialize them to attrs hash. All BMC attributes are extracted to separate columns so it's possible to search NICs by those attributes.Attrs can still be used for custom attributes (e.g. coming from facts).

NIC form was ajaxified which means that we redraw the form for particular interface class. We can easily define custom forms for various interfaces types.

Added support for virtual and physical interfaces. Initial support for bridges (to keep tests green). New attributes can be set via UI as well.

IPMI facts parsing and BMC NIC creation based on custom facts that are present in discovery image.

NIC orchestration is now optional and can be set for every interface. All created interfaces based on facts (BMC or Managed) are not managed.

Store and update primary interface identifier in host.

Allow subnet selection without domain for NIC so we can use DHCP only.

Suggest IP addresses even without proxy by Foreman itself. Foreman finds first free IP on a particular Subnet based on records in database.
Since Foreman now uses tokens by default, I wonder if we can turn the uniqueness off completely.

- Status changed from Assigned to Ready For Testing

https://github.com/theforeman/foreman/pull/1565

I don't think it's a good idea to turn off validation. At least it will let you know that you may have some conflicting device. On the other hand, our validation may be too strict for NICs belonging to different subnets. If you think it's an issue, could you please open another issue?

- Target version set to 1.8.1

- Target version changed from 1.8.1 to 1.8.0

- Blocked by Refactor #6560: Extract puppet specific fact parsing logic to isolated class added

- Status changed from Ready For Testing to Assigned

We should add also some UI to define various network types. Also we should parse facts and create/update interfaces. Hence changing back to assigned.

- Status changed from Assigned to Ready For Testing

- Pull request https://github.com/theforeman/foreman/pull/1565 added

- Pull request deleted ()

- Related to Bug #6787: Turn off the validation on ip addresses added

- Target version changed from 1.8.0 to 1.7.5

- Related to Tracker #2409: Networking added

- Target version changed from 1.7.5 to 1.7.4

- Legacy Backlogs Release (now unused) set to 21
- Status changed from Ready For Testing to Closed
- % Done changed from 0 to 100

Applied in changeset d455f32cde8fa60e41474bbaab0b8af1d7adef50.

#15 - 09/04/2014 08:55 AM - Dominic Cleal
- Related to Bug #7344: unable to import interface facts for certain network configuration added

#16 - 11/20/2014 08:45 AM - Bryan Kearney
- Bugzilla link set to 1166163