hack4glarus-2019-summer - Task #6752

Create a VMM API and create a reference implementation

06/01/2019 11:41 AM - Nico Schottelius

Status:	Closed		**Start date:**	06/01/2019
Priority:	Normal		**Due date:**	
Assignee:	Evil Ham		**% Done:**	0%
Category:			**Estimated time:**	0.00 hour
Target version:				
PM Check date:				

Description

Idea: we create a REST API that allows users to manage VMs including networks that we LIKE.

Background: instead of specifying / coding directly, create something that can be easily portable and can use either kvm/qemu/xen/docker/k8s/bhyve/opennebula/... in the background.

Specification of v1:

```
Creating/deleting/changing VMs
```

```
- POST /vm/
```

```
Creating/deleting/changing Networks
```

```
Creating/deleting/changing Storage
```

Questions to be answered:

- How to ignore authentication and authorization?
    - Suggestion: we define an "abstract" token
    - Can be $random
    - Or can be username/realm/token
    - Or whatever

Request definition

Authentication

- Client sends a token of undefined form with each request
- If there is no token, it is an anonymous request
- The API returns http XXX, if the token was not valid for the resource/method

History

#1 - 06/01/2019 11:52 AM - Nico Schottelius

- Description updated

#2 - 06/01/2019 07:19 PM - Evil Ham

crowd_cloud

#3 - 06/02/2019 08:43 PM - Nico Schottelius

- Status changed from New to Resolved

Thanks everyone for participating! It was great seeing all of you!

#4 - 06/02/2019 08:48 PM - Nico Schottelius

... to be picked up at some point in the futre

#5 - 06/02/2019 08:49 PM - Nico Schottelius

- Status changed from Resolved to Closed