

Open Infrastructure - Task #7125

Implement "ordering" and "products" with ucloud

09/10/2019 11:50 AM - Mondri Ravi

Status:	Rejected	Start date:	09/10/2019
Priority:	Normal	Due date:	
Assignee:	Nico Schottelius	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
PM Check date:			

Description

Discussion: <https://chat.ungleich.ch/ungleich/pl/o8y3tz8wo7ytje7o8nk9suw4qo>

[@Mondi Ravi@Ahmed Bilal](#) ping

[@Mondi Ravi](#) I'd like you to implement asap "ordering" and "products" with ucloud

I think this is an important part that will also be used by other people who will be using ucloud in the end

I imagine it as follows:

We introduce a sub command ucloud order <product>

that command talks to the API, the API to etcd

the basic idea is that any product has two financial aspects:

one time cost (can be 0 ... x)

recurring cost (can be 0...x) and duration can be seconds to years - so we will need to store the unit with it

For a lot of products the pricing will actually be 0 / 0 per x, like reverse DNS

however treating everything somebody can book/buy, makes it easier to integrate

[@Mondi Ravi](#) I'd like you to implement the flow for buying an IPv6 VPN - adding products can for the moment "manual" or fiddling around directly with etcd

However the logic should work for "any" product / we should be able to easily hook new products into the system (edited)

[@Mondi Ravi](#) some additional commands that might be helpful: ucloud list-products and ucloud register-payment-method

[@Mondi Ravi](#) do you have any questions?

mravi profile image

12:50 PM

hmm, you probably already told this before [@Nico Schottelius](#) but would like to have a reconfirmation from you -- "ucloud uses etcd/json for all data" right? So, we don't any other database or am I missing something ?

nico profile image

12:50 PM

[@Mondi Ravi](#) I think we can go etcd only, beside you have a good reason against it

[@Mondi Ravi](#) Performance wise I don't think etcd will have a problem, but there will be some client logic arranging data, as compared to sql based

mravi profile image

12:55 PM

[@Nico Schottelius](#) ack .. I would need some introductory lessons into ucloud -- I've been following your discussions but do not know much about how can I kickstart my work

nico profile image
12:56 PM

[@Mondi Ravi](#) I think you can start almost clean plate, assuming you write python + probably flask ; however [@Ahmed Bilal](#) knows a lot of details and you can ping him in here

[@Mondi Ravi](#) payment has so far not been a topic in ucloud at all - so everything related to this is rather new
mravi profile image
12:57 PM

ack
nico profile image
12:58 PM

[@Mondi Ravi](#) it would be cool if you could create a "dirty" prototype, being able to "order" an IPv6 VPN for 120 CHF/y; a plus if it is for free as long as you have booked any VM
mravi profile image
1:00 PM

ok

Hand over criteria

This task is done, if:

- I can order a VM and it is billed via credit card
- I can order a VPN and it is ...
 - for free, if I have an active VM
 - terminated, if I don't have an active VM and the VPN is for free
 - paid by credit card if not bound to an active product

History

#1 - 09/10/2019 11:51 AM - Mondri Ravi

- Status changed from New to In Progress
- Assignee set to Mondri Ravi

#2 - 09/19/2019 06:47 PM - Mondri Ravi

- Assignee changed from Mondri Ravi to Ahmed Bilal

Made a release 0.5.2 <https://code.ungleich.ch/ucloud/ucloud-pay/-/tags/0.5.2> that includes handling one-time payment products.

This makes the scope of this ticket almost done.

Only things that I see that would need to be implemented later:
- Coupon system: eg IPv6 VPN is free for customers who have a VM
- In such case, terminating VM should also terminate VPN access

I think this can be implemented only once we have integrated ucloud-pay and have developed other components further.

I am tossing this to ahmed for review.

#3 - 09/19/2019 06:51 PM - Mondri Ravi

- Status changed from In Progress to Feedback

#4 - 09/20/2019 10:04 AM - Nico Schottelius

If terminating X, because Y is terminated, we should add some kind of flag for having the user verify.

This can be a client or server based check

redmine@ungleich.ch writes:

#5 - 09/23/2019 05:07 AM - Nico Schottelius

- *Description updated*

Mondi, Ahmed, can you today give me feedback until when we can have the above features implemented and deployed?

#6 - 09/28/2019 04:36 PM - Ahmed Bilal

- *Assignee changed from Ahmed Bilal to Nico Schottelius*

I am stuck at some issues with integration of ucloud-pay with other ucloud projects. See <https://code.ungleich.ch/ucloud/ucloud-pay/issues/1>

#7 - 12/09/2022 04:44 PM - Nico Schottelius

- *Status changed from Feedback to Rejected*