Backstory

We are, at the moment, running an api for developers to connect to test-net that has 3 nodes. This is publicly available to anyone at https://rpc.pulsar.griptapejs.com & https://lcd.pulsar.griptapejs.com.

Proposal

We propose adding 10 additional nodes to this cluster, and that we build an api gateway that allows devs to signup for an api key to use the API (This is necessary to avoid spam through rate limiting which also insures equal access to all devs.)

The goal of this is to provide an api for anyone who wants to just start building as fast as possible and with as little work as possible.

Budget

Currently the proposal is to lease 10 x Intel E-2286Gs for 1 year, at a price of 150 USD per server per month. In addition, the API gateway software will cost 250 a month. Finally we will build and maintain the service at a cost of $50 an hour. The build phase will be a single 2-week sprint during which 1 dev will work full time (80 hours), this will be followed up with a budget of 5 hours a week for the year.

Rate

Qty

Time

Cost

$150.00

10 Machines

12 Months

$18,000.00

$250.00

12 Months

$3,000.00

$50.00

40 Hours

2 Weeks

$4,000.00

$50.00

5 Hours

52 Weeks

$13,000.00

Total

$38,000.00

Note

SCRT amount will be calculated at the time the proposal goes on chain with a 10% buffer. Upon receipt of the funds we will sell the SCRT immediately and move to our USD bank account. We will then lock up the servers for 1 year and pay for the service to ensure the price. We will then allocate a developer to build the web page. And commit to 5 hours a week of availability for the year. Any funds not spent will go to reduce the cost of a future proposal if we want to either expand the number of servers, or renew / upgrade them a year from now.

A brief word about leasing.

There are a few reasons not to buy. These are:

- speed of delivery
- upgradability
- reduced overhead and maintenance
- focus (we want to focus on the API, not procurement, colocation etc etc)

Would love any and all feedback.

Sandy