BOOSTEROID

Personal cloud computer available for everyone

Boosteroid.com

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V.2.0.

Personal cloud computer available for everyone

Pre-ICO

22 - 29 September 2017

ICO

23 October - 6 November 2017

27 November - 11 December 2017

15 January - 15 February 2018

Version.2.0. This version of the document is in the active development phase, significant adjustments are possible

Content

1. Introduction

A man of the 21st century lives in an insane rhythm and is forced to solve many difficult tasks as fast as possible. Not long ago it was impossible to fulfill them, but now, thanks to the development of the Internet and cloud technologies, the future becomes our reality.

Today, the most urgent issue is the continuous access to modern resources that will facilitate and accelerate solutions of global problems, will allow them to be carried out worldwide and online. The answer to this question lies in the cloud computing, which is becoming more and more popular every day.

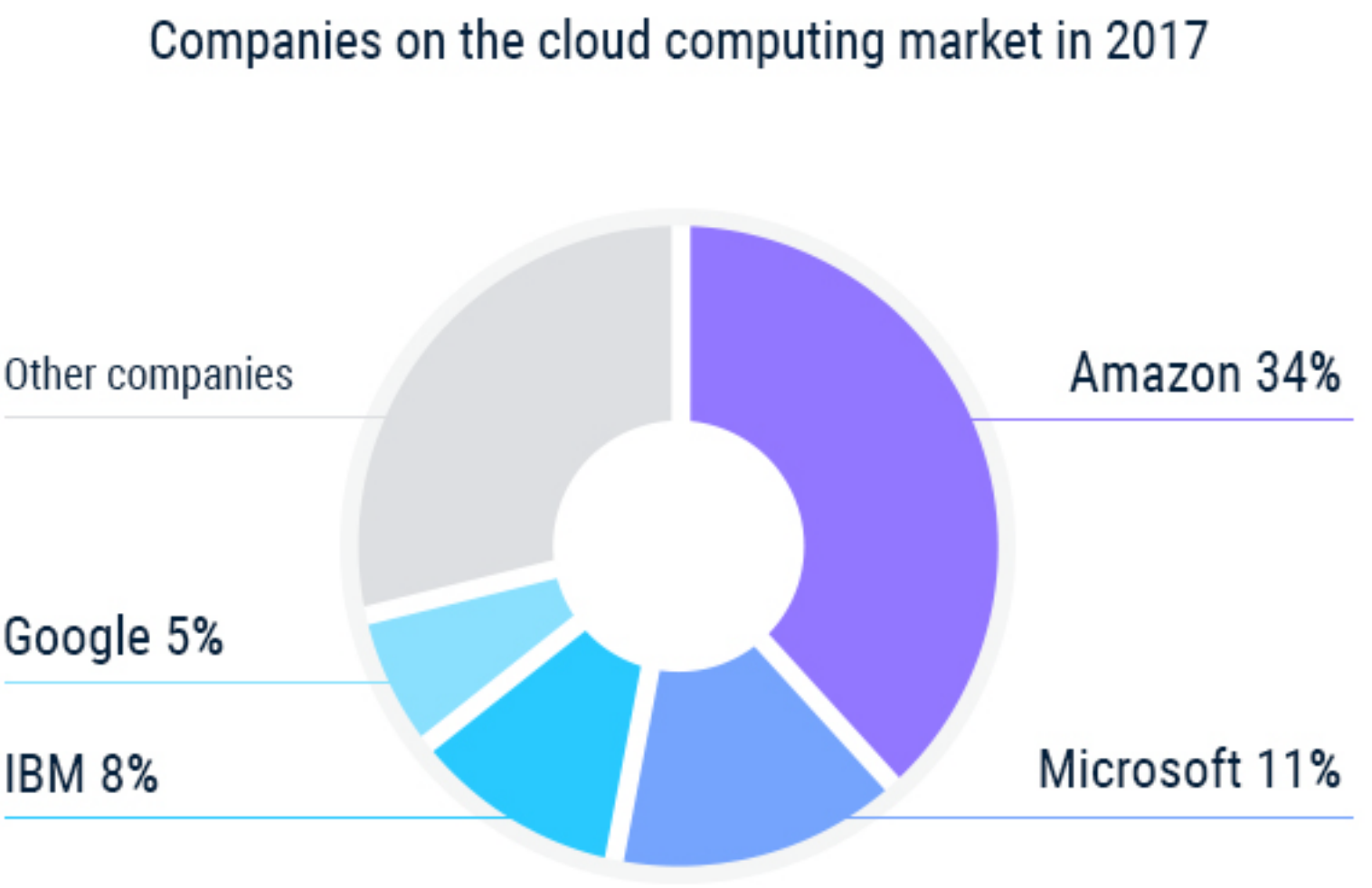
Cloud computing is a model where all applications and their data are located on a remote server on the Internet and the user can access them from an ordinary PC or a tablet. Computers that carry out such operations are called a "computing cloud".

There are two main types of a cloud - public and private. Public cloud is intended for free access of a wide audience while private is used by one organization that includes several consumers.

1.1. Tendencies and problems of the world cloud computing market

According to the American consulting firm Gartner in 2016 total expenses of users working “in the cloud” reached $209,2 billion, whereas in 2015 the number was $175 billion. Thus, users’ expenses increased by $35 billion within a year. Considering analysts' forecasts expenses for a cloud are to reach approximately $246,8 billion in 2017 and will have exceeded $380 billion by 2020.

Such a high demand for these services is caused by an active transition of IT-industry data into cloud. Respectively, information technologies increasingly require high-performance resources to solve various tasks from artificial intelligence development to gaming, VR or analytics (Big Data analytics).



Today more than 70% of cloud computing market is occupied by leading providers. Amazon Web Services takes the lead (around 34%), much smaller share is taken by Microsoft (11%), IBM (8%), Google (5%) and others.

An average one hour rental of a computation node on the basis of eight NVIDIA GeForce GTX 1080 Ti graphics cards, two Intel Xeon E5 2680v4 processors, RAM 256Gb, SSD 960Gb (or their equivalent) offered by market leaders for European countries is:

	Company name	Equipment	Price dollar/hour
1	Amazon Web Services	Station p2.8xlarge - 8 x GPU NVIDIA Tesla K80, - vCPU 32 ядра (2.3 GHz Intel Xeon® E5-2686 v4 (Broadwell) processors or 2.4 GHz Intel Xeon® E5-2676 v3 (Haswell), - RAM 488Gb, - SSD 1Tb, - 10Gbit/s	**10,6**
2	Microsoft Azure	Station NC24r - 8 x GPU NVIDIA Tesla K80, - vCPU 24 ядра (2.4 GHz Intel Xeon® E5-2676 v3 (Haswell), - RAM 224GB, - SSD 1.440 GB, - 10 Gbit/s	**10,26**
3	Google Cloud	Custom configuration - 8 x GPU NVIDIA Tesla K80, - vCPU 32 ядра processors or 2.4 GHz Intel Xeon® E5 2676 v3 (Haswell), - RAM 256Гб (up to 455 GB of RAM), - SSD space 3x375 GB, - 10 Gbit/s	**6,5**

* IBM provides computer rental services in a private cloud. Their cost is calculated individually.

New market players cannot offer significantly lower prices, as they develop only software products - add-ins for combining of already existing computing resources - and do not have their own hardware.

1.2 Solutions

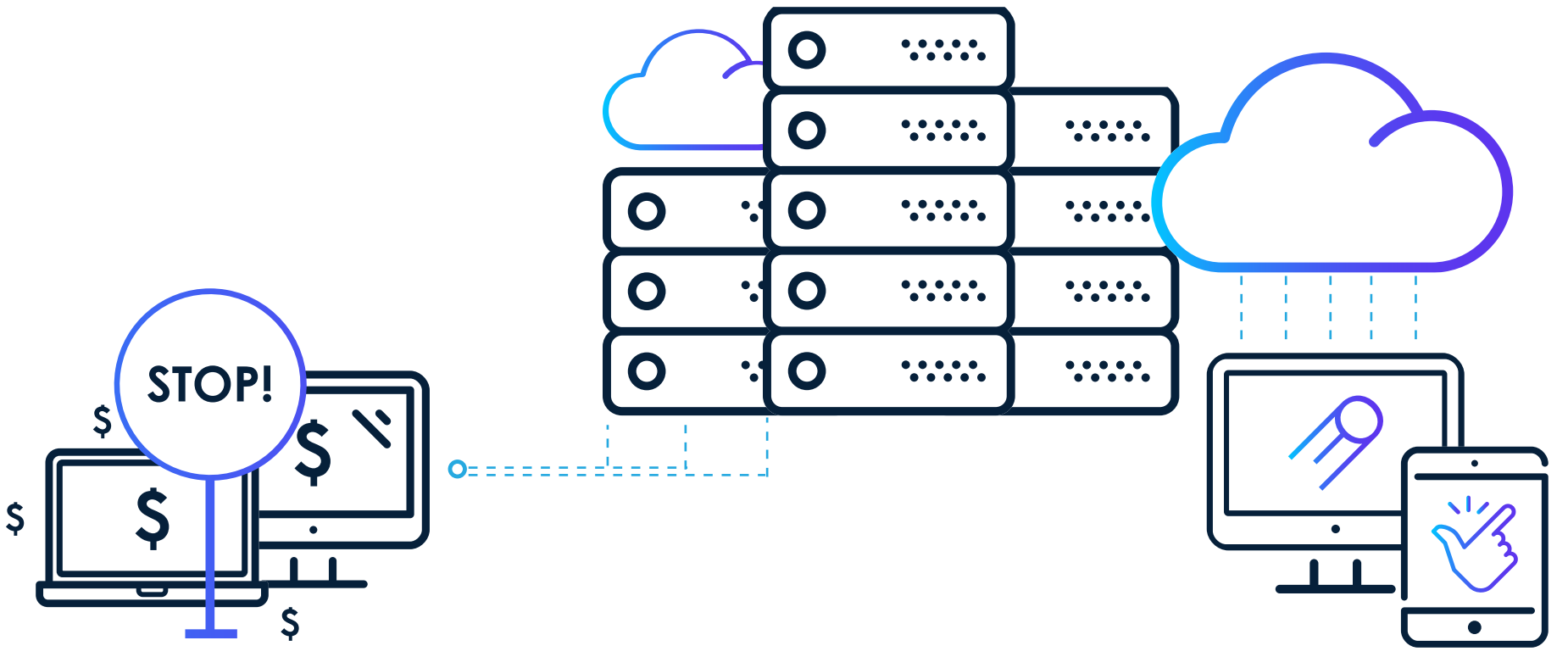
In order to make the rent of computing capacities as accessible as possible in October 2016 we started working on the Boosteroid project.

Our team consists of information technology and artificial intelligence professionals. Initially, we were involved in assembling computer nodes based on 6/8 NVIDIA graphics cards and Intel Xeon processors, which we used to conduct complex calculations in the field of artificial intelligence. To ensure that high-performance equipment does not stand idle, we leased it out and were engaged in crypto-currency mining.

We gained our experience and found out that due to our own architecture and constant capacity utilization, the cost of cloud computing is significantly reduced. Therefore, we will be able to provide the service at a price much lower than offered by leading market players. Budget-friendly rent will make Boosteroid available to every user of the World Wide Web.

2. What is Boosteroid

BOOSTEROID - is a cloud service platform that provides convenient access to computing power, storages and software products.



A cloud computer will allow to process video, create 3D-graphics, play games requiring high computer performance or carry out machine learning on any device even on the PC with the lowest performance. The only necessary thing is a stable high-speed internet connection.

Boosteroid will also solve the problem of high rent by reducing cloud computing costs. Thank to the lowest rent the service will become affordable to every World Wide Web user.

Boosteroid app will provide the opportunity to use our services and select needed amount of computing power just in two mouse clicks. It will be possible to pay for the services with BTR tokens as well as USD and EUR.

2.1. Boosteroid implementation

Technical implementation of the Boosteroid project consists of software and hardware parts.

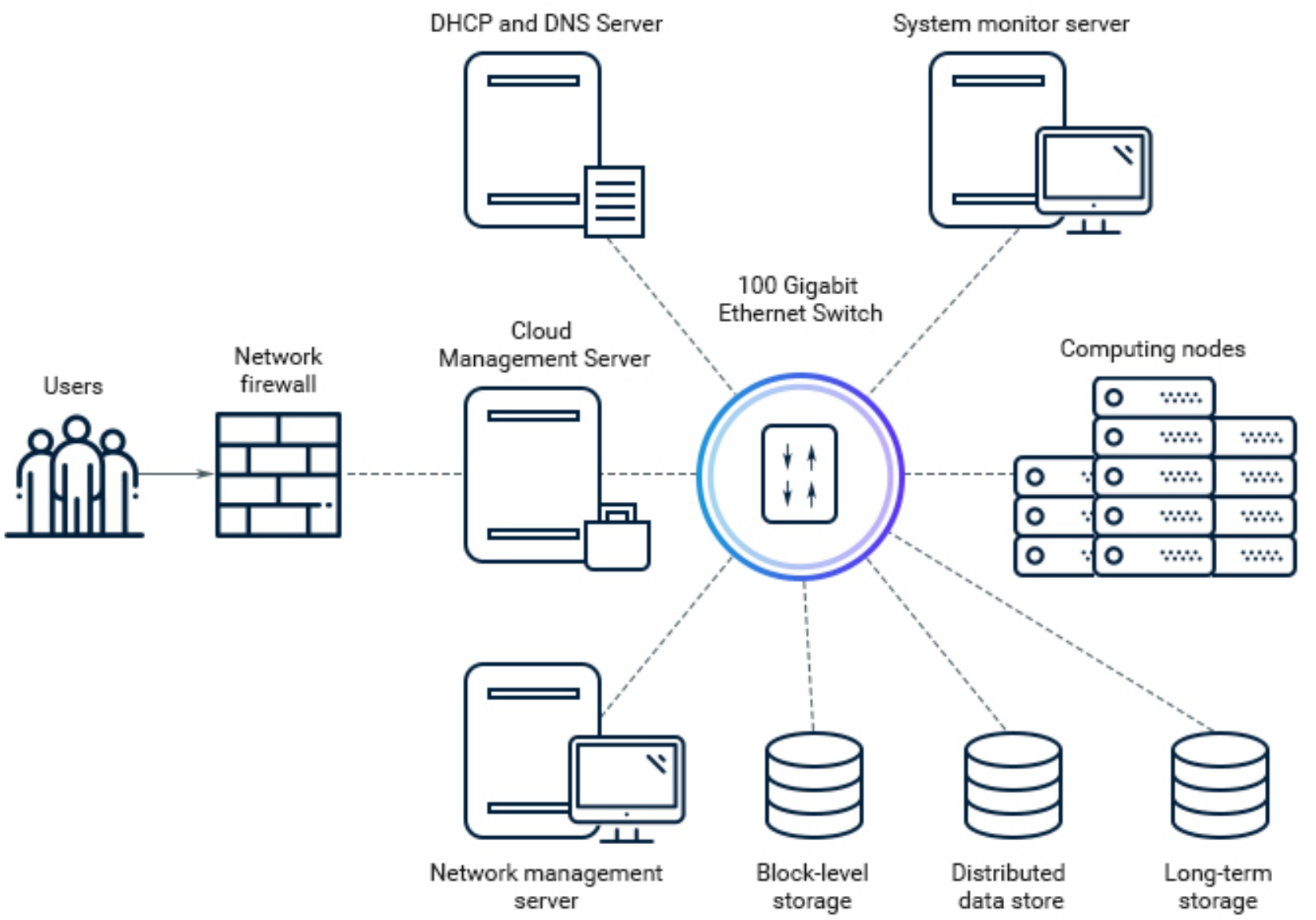
Hardware part will include a lot of heterogeneous computing systems, combined into a single high-speed infrastructure:

- servers based on modern general-purpose Intel or AMD processors;
- servers, which include NVIDIA or AMD graphics accelerators and graphics cards;
- servers, which include Intel graphics accelerators;
- high-speed switching equipment.

Server architecture will be based on:

- Intel Xeon E5, E7 v4 or 5 processors;
- AMD EPYC 7000 series processors;
- NVIDIA GeForce GTX 1080 Ti graphics cards;
- NVIDIA Tesla P100, Tesla V100 and AMD Radeon Instinct graphics accelerators;
- Intel Xeon Phi 7000 series accelerators.

High Performance Computing Cloud Structure

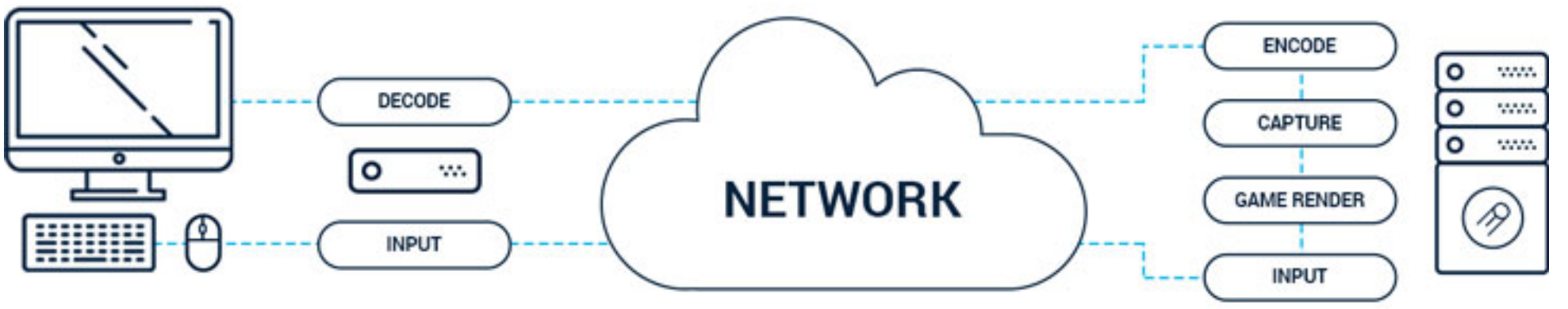


A fault-tolerant, distributed, redundant storage system will be used in the Boosteroid project. Also, block-level stores are provided. In addition to the main data stores, a long-term storage with a large amount of memory will be built.

10Gb and 100Gb Ethernet switches will be used as communication equipment. They support the operation of the system infrastructure, high-speed computing network and data warehouse replication.

Software part will be based on VMware software products, designed for server, storage and network virtualization, as well as IT-infrastructure transformation into stable automated computing environment.

This concept will allow to create many virtual computers within a computing cloud based on Intel Xeon processors and graphics accelerators (cards) NVIDIA with minimal capacity losses.



It will be possible to use the service both on PCs and mobile devices as the access to Boosteroid will be provided via browser, regardless of the operation system.

We will develop user-friendly interface to provide convenient work in the cloud and ensure quick access to Boosteroid services. Users will be able to connect to a cloud computer via VPN and use particular apps, models and games.

For casual users cloud computer performance and processing power will be selected automatically (considering the required performance of software products that a user needs).

Experienced users will have an opportunity to select the needed features of their cloud computer on their own.

We also plan to develop BooStore application store where it will be possible to buy or download apps for free and install them on the cloud computer.

2.2. 10% of computing power for AI-startups

We would be glad to support ideas that can create a better life for humanity so we decided to provide 10% free Boosteroid computing power for artificial intelligence in aging research projects after we launch our service.

Guiding principles of AI-startups selection

1. Everybody who is engaged in AI in aging research can apply.
2. The idea of a project should be unique and there should be a demand for this idea on the market.
3. A team should provide clearly defined roadmap.
4. We focus on teams, not individual founders.
6. A team should be hungry for success, seek to solve the problems humankind faces today and pay attention to details.
7. We will guide and support startups in cloud computing issues but not in their implementation and development process.
8. Besides, startups engaged in the following researches can apply:

- Artificial Intelligence
- Analytics & Big Data
- Virtual reality
- Augmented reality
- Biotechnologies
- Healthcare
- Medical technologies and pharmacy
- Robotics

General criteria

The following aspects are taken into account:

- full-time team and founders;
- team focus;
- open-mindedness;
- social contribution.

Selection process

Startups selection process includes three stages.
A total of 1 billion tokens was released and called BTR.

1. Online application:

- Application form
- Project/team/company name?
- Why do you need Boosteroid computing power?
- How it all started: How you decided to start your project?
- Mission: what is the mission of your project?
- Goals: what do you want to achieve by implementing your project?
- Challenges: what risks do you face?
- Team: information about your team members, their background and expertise
- Business model: how are you going to run your business?

2. Shortlisting

Selection Committee will chose 30 candidates. Shortlisting is based on five crucial criteria:

1	**Team capacity**	**10 points**
2	**Project scalability**	**10 points**
3	**Business model**	**10 points**
4	**Marketing approach**	**10 points**
5	**Uniqueness of the idea**	**10 points**

3. Face-to-Face Interview

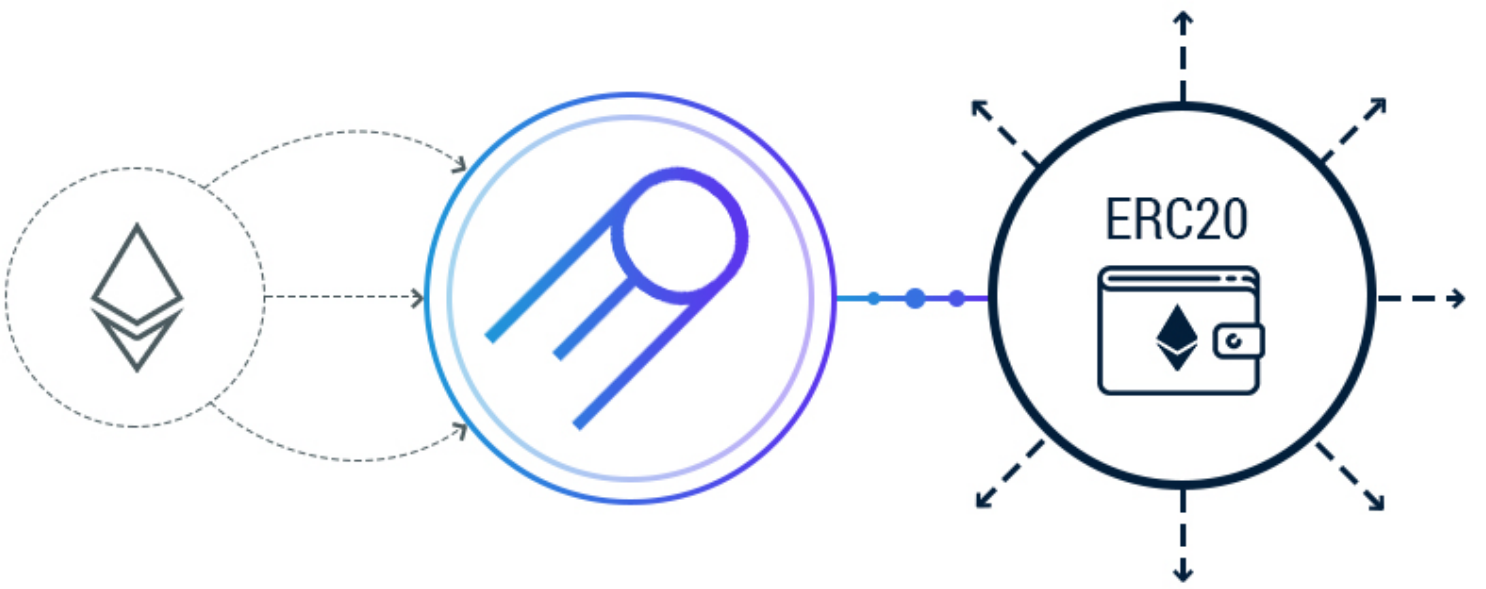
Selection Committee will choose top 10 startups. Considering the results of the previous stage, there can be different types of interviews:

1. Personal interview
2. Phone or Skype interview
3. Capability test interview
4. Panel interview

Application forms should be sent to info@boosteroid.com

3. Boosteroid tokens

A total of 1 billion tokens was released and called BTR.



BTR tokens are created on **Ethereum blockchain-platform** under the ERC20 token standard.
There is no reissue of tokens after the financing is completed.
Tokens accepted as a payment for services will become invalid.
When our ICO is completed, all unsold and undistributed tokens will be destroyed.

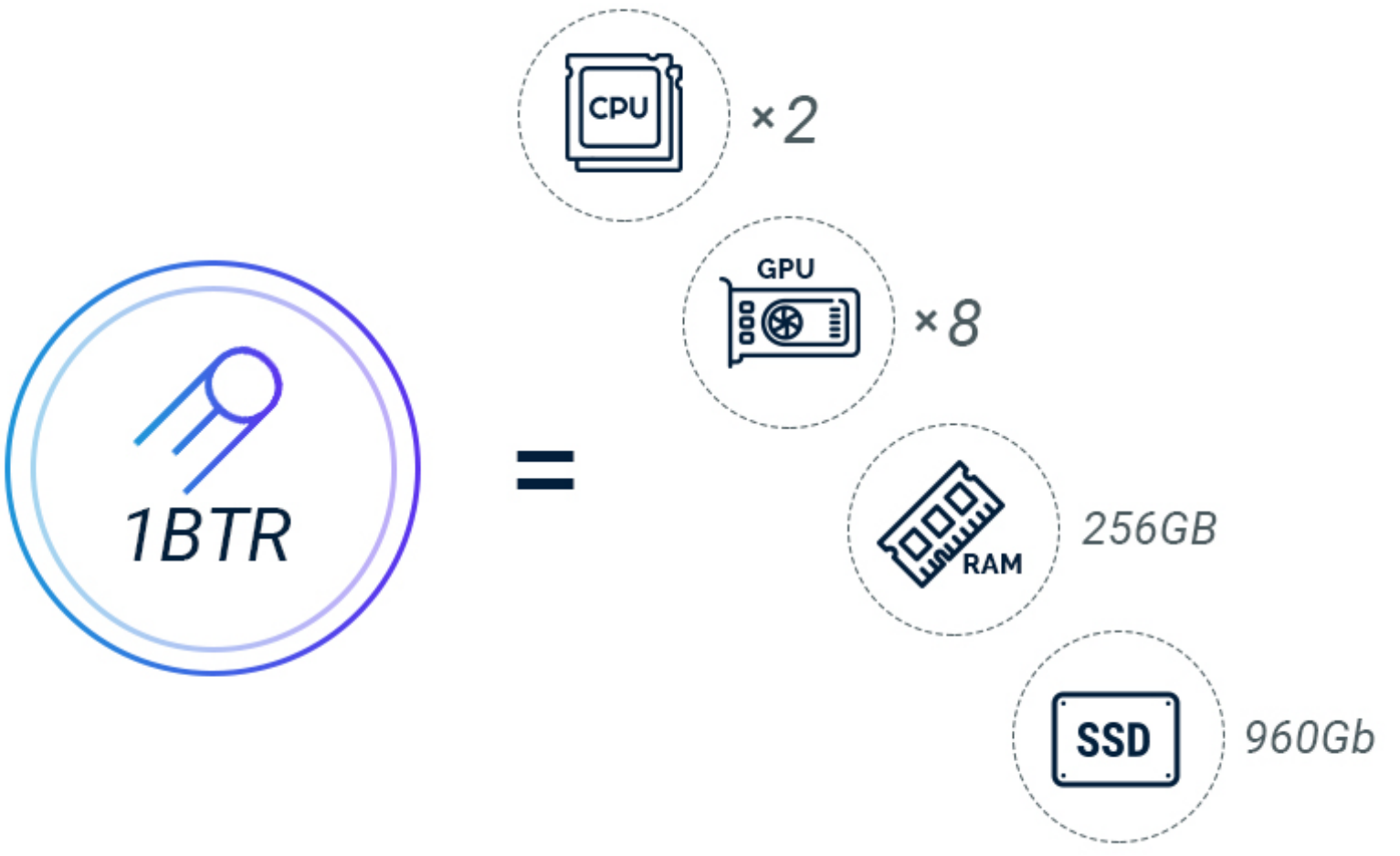
3.1. BTR tokens distribution

The structure of tokens` distribution is following:

Boosteroid fund will be formed proportional to the number of sold tokens.

4. BTR token ICO

1 BTR corresponds to the cost of one hour computing power on the basis of eight NVIDIA GeForce GTX 1080 Ti graphics cards; two processors Intel Xeon E5 2680v4; RAM 256Gb; SSD 960Gb.



It is possible to buy BTR tokens in the personal account on Boosteroid.com during all ICO stages.

All unsold and undistributed tokens will be destroyed when the ICO is completed.

4.1. BTR tokens Pre-ICO

Date: September 22nd - September 29th, 2017.
Total number of BTR tokens: 2,000,000
The amount of attracted investments: $324,000
The starting price of BTR token is $ 0.1, the final price is $0.47

Round	BTR token price	Amount of BTR tokens	Total price of BTR tokens, USD
1	0.1	500 000	50 000
2	0.11	400 000	44 000
3	0.13	300 000	39 000
4	0.16	250 000	40 000
5	0.20	200 000	40 000
6	0.25	150 000	37 500
7	0.31	100 000	31 000
8	0.38	50 000	19 000
9	0.47	50 000	23 500
Total		2 000 000	324 000

4.2. BTR tokens ICO

1 Stage.

Date: October 23rd - November 6th, 2017.
Total number of BTR tokens: 100,000,000
The amount of attracted investments: $ 53,000,000
The starting price of BTR token is $ 0.48, the final price is $ 0.58

Round	BTR token price	Amount of BTR tokens	Total price of BTR tokens, USD
1	0.48	50 000 000	24 000 000
2	0.58	50 000 000	29 000 000

2 Stage.

Date: November 27th - December 11th, 2017.
Total number of BTR tokens: 300,000,000
The amount of attracted investments: $ 374,000,000
The starting price of BTR token is $ 1.08, the final price is $ 1.38

Round	BTR token price	Amount of BTR tokens	Total price of BTR tokens, USD
1	1.08	60 000 000	64 800 000
2	1.18	70 000 000	82 600 000
3	1.28	80 000 000	102 400 000
4	1.38	90 000 000	124 200 000

3 Stage.

Date: January 15th - February 15th 2018.
Total number of BTR tokens: 400,000,000
The amount of attracted investments: $ 932,000,000
The starting price of BTR token is $ 1.88, the final price is $ 2.78.

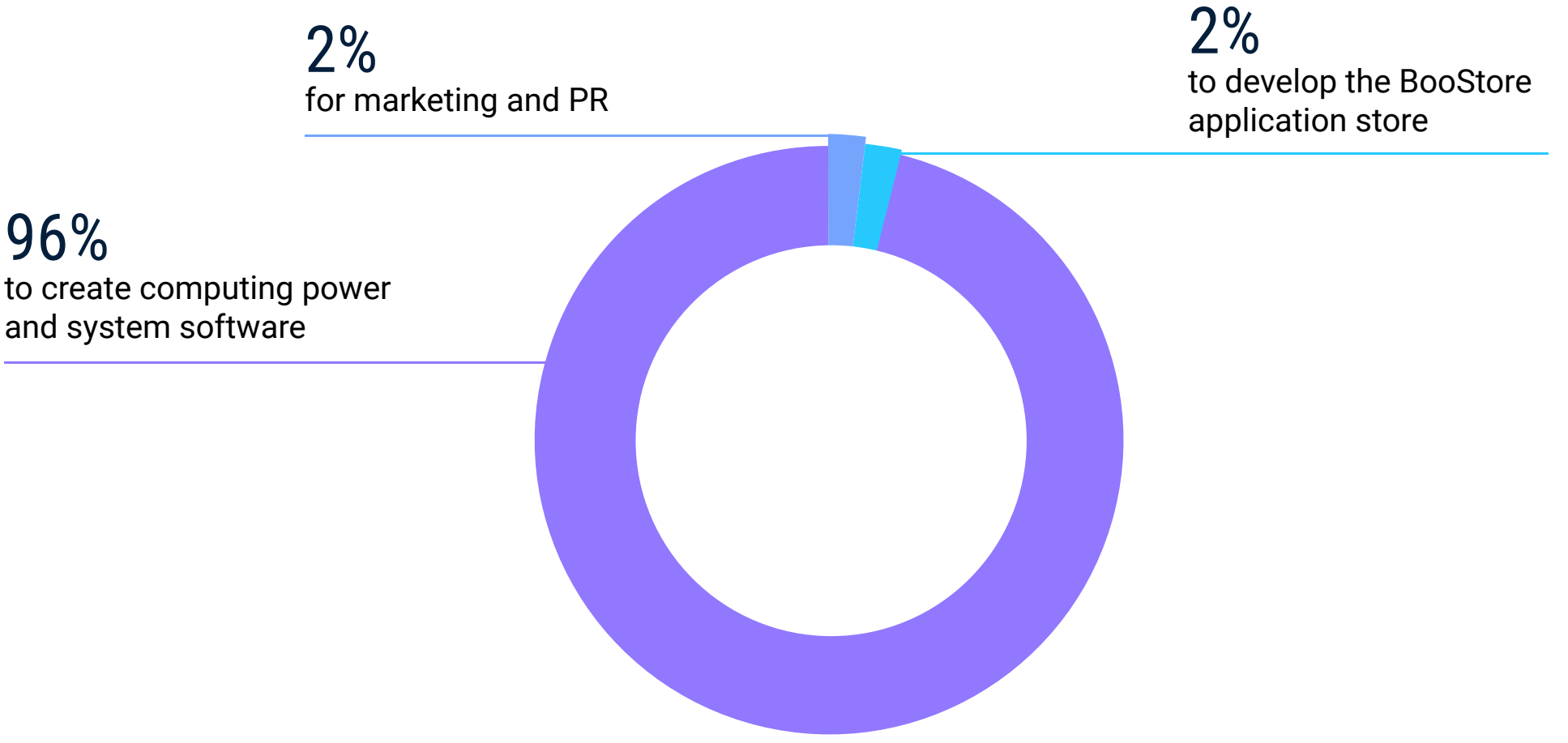
Round	BTR token price	Amount of BTR tokens	Total price of BTR tokens, USD
1	1.88	100 000 000	188 000 000
2	2.18	100 000 000	218 000 000
3	2.48	100 000 000	248 000 000
4	2.78	100 000 000	278 000 000

** All stages of ICO can be completed ahead of schedule in case of attracting the necessary amount of investments.

FAQ and all necessary information about the project is available on Boosteroid.com and in all Boosteroid social networks:

5. Distribution of collected funds

Total amount of attracted investments - $ 1 359 000 000. They will be distributed in the following way:



6. Boosteroid financial model

Expansion of computing facilities, purchase of equipment and the number of accepted BTR tokens depends on the amount of investments attracted during the ICO.

The table shows total number of computational nodes together with 189 already available and operating nodes.

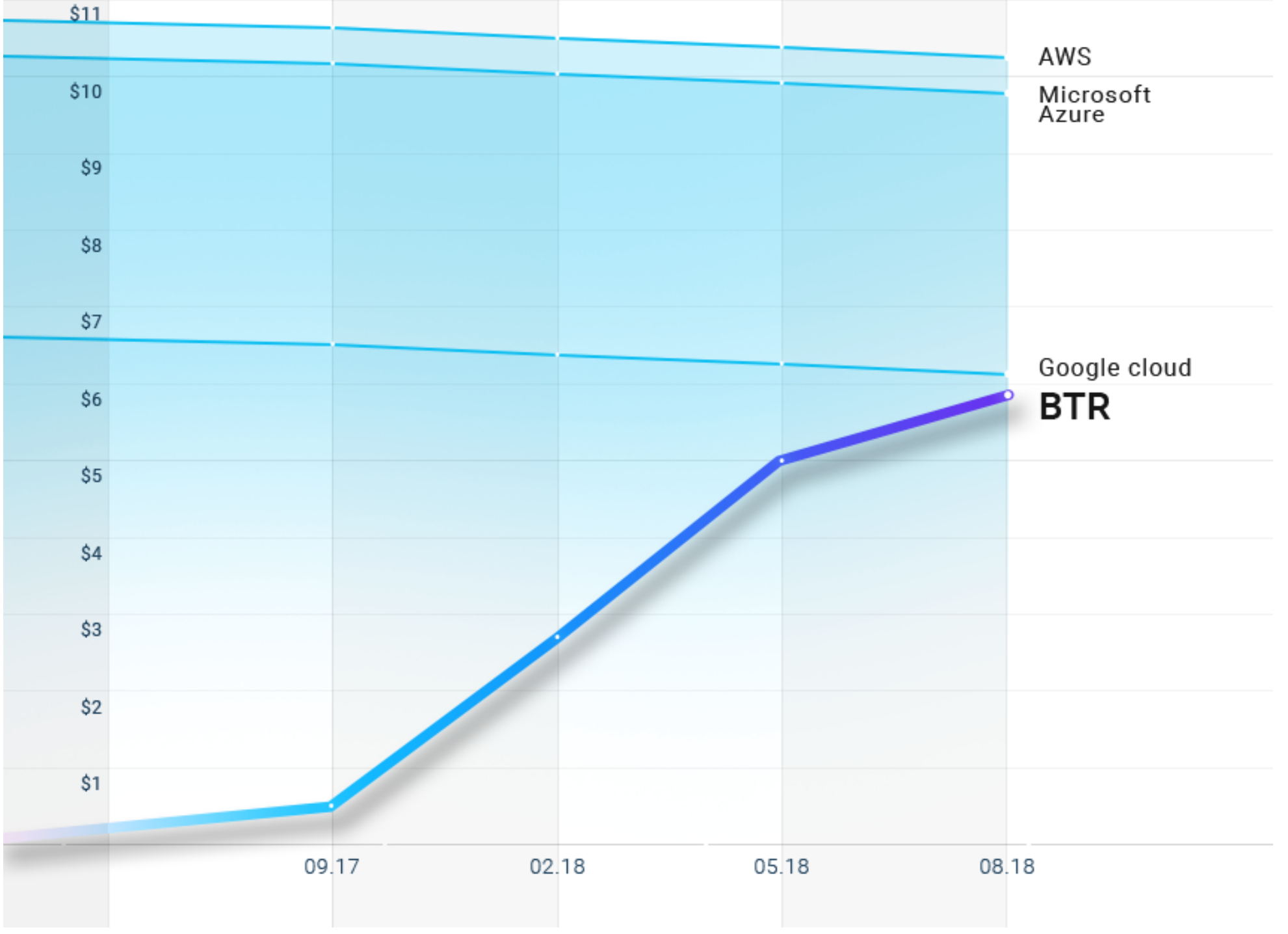
One computational node costs approximately $15 000.

Investments collected at the ICO, $	BTR average cost, $	Number of BTR sold at the ICO	Number of purchased computational nodes	Total number of computational nodes	Number of accepted BTR per month	Time when BTR accepted as a payment will expire (month)
3 000 000	0,45	6666667	200	389	289416	23
5 000 000	0,46	10869565	333	522	388616	28
10 000 000	0,49	20408163	667	856	636616	32
30 000 000	0,55	54545455	2000	2189	1628616	33
50 000 000	0,65	76923077	3333	3522	2620616	29
100 000 000	0,8	125000000	6667	6856	5100616	25
300 000 000	1,1	272727273	20000	20189	15020616	18
500 000 000	1,15	434782609	33333	33522	24940616	17
1 000 000 000	1,2	833333333	66667	66856	49740616	17

7. Value on the market

Considering the large number of users and limited number of released tokens BTR exchange rate will increase and investors will get maximum return and gain profit.

Every BTR corresponds to a real service - 1 token = 1 hour computing power rent. Currently the lowest cost of 1 hour cloud computing rent is $6,5, thus the token rate will increase up to more than $6.

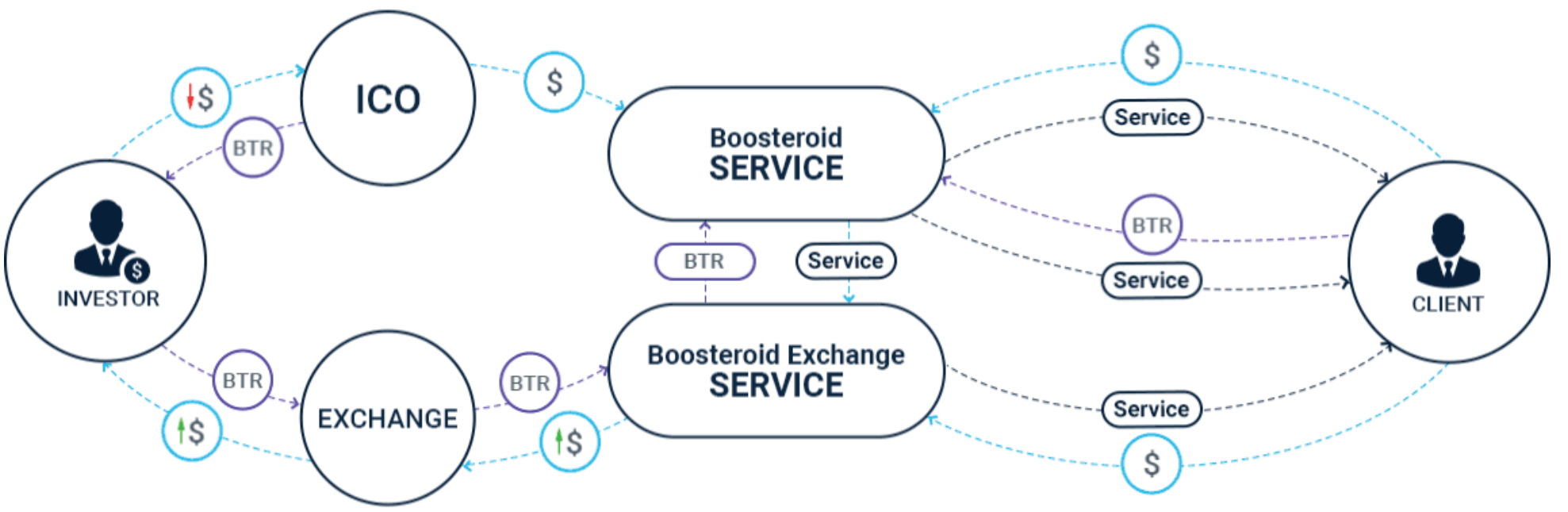


Besides, the number of tokens will reduce due to BTR buyback on the exchange that will start after the service is launched.

8. Payment (exchange) mechanism description

We will launch our exchange service that will allow to make fast exchange between USD, BTC, ETH and BTR without registering and trading on external exchanges. Users will be able to pay with USD, BTC, ETH and BTR tokens.

The exchange service will be integrated into the web interface, where the payment for computing power rent will be made.



Exchange rate and payment details will also be displayed there. The exchange rate will be close to that on the cryptocurrency exchanges and will update within particular periods of time. There will be a small charge for the exchange operations.

The exchange service will have reserves of USD, BTC, ETH and BTR. Exchange requests will be processed immediately. If the reserves of a particular currency end, the exchange service will automatically order it on external digital currency exchanges.

The exchange service will be launched on a separate server and connected to external exchanges, traditional payment systems and cryptocurrency wallets modules. The service will have a public API to accept exchange requests and inform about the current exchange rate and status of reserves.

9. Road map

Getting started with the project
October 2016

Creation of software architecture and launch of the first computing facilities
January 2017

Output to peak power of 0.5 petaflops
July 2017

MVP development and attraction of investments *Pre-ICO*
September 2017

1st ICO stage* / *2nd ICO stage* / *3rd ICO stage
October 2017 / November-December 2017 / January-February 2018

Output to peak power of 20 petaflops, equivalent to top 10 supercomputers
Ferbuary 2018

User-friendly interface + start accepting tokens for computing power rent
May 2018

Launching of the BooStore application store
May 2018

FURTHER EXPANSION OF FACILITIES

10. Team

Den Puzich

Advisor

Cengiz Captain

Advisor, Investor

Ivan Shvaichenko

CEO, founder

Ivan Sorbat

CTO

Sergey Znakhur

AI developer

Bogdan Skryabin

Infrastructure Architect

Yuriy Savin

Infrastructure Architect

Larisa Chepel

PR & Communications