
De Facto

Entity: Name (or first name if applying as a natural person)

De Facto

Entity: E-mail address

team@de-facto.pro

Team member introductions

DeFacto-Introduction.pdf

Introduce your Entity/Company

DeFacto-Introduction.pdf

How many nodes do you envision to run on the Factom Community Testnet (or other testnets?)

2

What type of legal structure does your team use?

LLC

Will you operate as an incorporated company?

Yes

If yes to the above, where are you/will you incorporate? Are you already incorporated?

Russia

Are there any major shareholders (>10%) other than the members in your application?

Yes

Do you and/or your team members have previous experience running a business or managing large capital? If so, make a short writeup of your experience below.

DeFacto-Introduction.pdf

What has your team done to ensure a proactive approach to managing the financial aspects of your business?

DeFacto-Financial.pdf

Clarify your commitment to the Factom protocol? What have you brought to the table already, and what will you bring in the future?

DeFacto-Commitment.pdf

What is your/your entity's motivation for applying for hosting Factom Authority servers?

We see a huge potential of Factom protocol and want to be ambassadors of Factom in Russia and CIS.

What vision do you/your entity have of the future of Factom?

We are sure that Factom will reach 1 billion capitalisation within next 24 months and then even more.

Huge corporations will start using Factom.

Internet projects/startups will use Factom.

We want to be the part of it and help Factom to reach this.

What will your efficiency be with only one node?	0,25
What will your efficiency be with two nodes?	0,34999999999999998

Node #1 Type	Virtual Private Cloud (VPC)
<i>Node #1 Location (VPS: Provider, Region // Other: Country, City, Datacenter)</i>	Russia, Moscow, Selectel
<i>Node #1 CPU, Number of cores</i>	4
<i>Node #1 CPU, type & clock-speed</i>	Intel® Xeon® E5-2670 v3 (Haswell) 2.3 Ghz
<i>Node #1 RAM, amount in GB</i>	24
<i>Node #1 RAM, scalable if < 24 GB</i>	Not applicable (>= 24 GB)
<i>Node #1: Storage, RAID type</i>	RAID 1
<i>Node #1: Storage, Disk type</i>	SSD
<i>Node #1: Storage, Free Size in GB for Factom</i>	200
<i>Node #1: Storage, Do you have a separate factom volume/disks?</i>	Separate volume(s)
<i>Node #1: Connection & uplink speed (not just your NIC speed)</i>	1 Gbit

Node #2 Type	Virtual Private Cloud (VPC)
<i>Node #2 Location (VPS: Provider, Region // Other: Country, City, Datacenter)</i>	Russia, St. Petersburg, Selectel
<i>Node #2 CPU, Number of cores</i>	4
<i>Node #2 CPU, type & clock-speed</i>	Intel® Xeon® E5-2670 v3 (Haswell) 2.3 Ghz
<i>Node #2 RAM, amount in GB</i>	24
<i>Node #2 RAM, scalable if < 24 GB</i>	Not applicable (>= 24 GB)
<i>Node #2: Storage, RAID type</i>	RAID 1
<i>Node #2: Storage, Disk type</i>	SSD
<i>Node #2: Storage, Free Size in GB for Factom</i>	200
<i>Node #2: Storage, Do you have a separate factom volume/disks?</i>	Separate volume(s)
<i>Node #2: Connection & uplink speed (not just your NIC speed)</i>	1 Gbit

Add any other information relevant to server specifications and hosting, including planned availability of your maintenance team and how you would propose to handle an unscheduled restart.

DeFacto-Nodes.pdf

Which date did you join the Factom community testnet (approximate date is ok)?

2/1/2018

How does your team administer the nodes (more options possible)?

By more than 1 team member

How many people in your team are able to operate the servers (including direct hired personnel, but excluding hired fallback companies)?

3

How many years of combined experience does your team have on running production servers?

25

Could you elaborate on the production servers your team has managed (amounts, OS-types, purpose)?

1) Different web-servers with LAMP/nginx/... (Ubuntu/Debian)

2) Git servers (Ubuntu) for development

3) Staging servers — intermediate server between dev-server and production — used for testing, compiling and etc.

4) IKEv2 VPN servers (Ubuntu/StrongSwan) with additional security: certificate files + login/passwords

5) Dedicated Factom Testnet server (Audit)

6) Proxy servers

7) MS SQL servers

We responsibly approach to server configurations: ssh key-based auth, firewall setup, port allowance/restrictions, logging, rotating logs, load & hardware monitoring and etc.

Have you run follower nodes outside the qualified-node pool on the testnet? If so to what effect? Other contributions to the testnet?

Running 3 Testnet nodes since Feb 2018 till now.

No incidents. High uptime. Timely updates.

Tested identity generation, coinbase/efficiency set, brain-swapping.

Our nodes: DeFacto-Testnet1 + DeFacto-Testnet2 + DeFacto-Testnet3

Anton Ilzheev assigned as Deputy Admin in May 2018.

Responsibilities:

- Checking testnet nodes healths and investigating the problems
- Onboarding/help testnet operators
- Supporting & improving Swarm Testnet monitoring

Have you run any mainnet nodes? If yes, please elaborate why, and for how long

We have run follower node on the mainnet — we were interested how it works. Approx. from Oct 2017 till Feb 2018 (then started the testnet nodes).

How are you going to make sure your nodes operate securely?

DeFacto-Nodes.pdf

How are you going to make sure you are able to respond quickly?

Different team members in different timezones.

Available via Discord 18/7.

24/7 available by phone.

Could you provide a picture on how you would see your ideal auth node infrastructure?

DeFacto-Nodes.pdf

Free-text. Add any additional information deemed relevant.

We are excited to be part of the Factom community. As previously mentioned, we are committed to run reliable & stable Authority nodes and distribute Factom among Russian corporations increasing its usage.

We also have open-source ideas for increasing Factom usage (it's partially described in DeFacto-Commitment.pdf).

Add any application supporting files here

<https://drive.google.com/open?id=1tnPXEcV2TrQFkjftwRxji27C7JDjURUf>,
https://drive.google.com/open?id=1_GCfKdm-es3LaKY79cNKpTO2Ltafwc3V,
<https://drive.google.com/open?id=11KughTB-WUnPJ4Z64MSYXgB7KMkljn0z>,
<https://drive.google.com/open?id=1RJbHiLOAl6vTe0gBPYi3sr9UjZ5YY6jK>