
Roba Realty

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

Roba Realty

Entity: E-mail address

hakim@robarealty.com

Team member introductions

Please see attached Document

Introduce your Entity/Company

Roba is a small dynamic business incorporated in 2012 with headquarters located in Falls Church, Virginia. Roba's core services include professional, brokerage and real estate services, and information technology consulting for state and federal government agencies. Our multi-industry focus enables us to leverage corporate expertise to promote the Factom protocol to a wide audience, with credibility and expertise across a variety of subject matter domains. Roba's core expertise comes from both its senior management team and corporate resources. Our senior management team is comprised of individuals who have strong expertise in the areas of real estate, information technology, state and federal government, and commercial construction projects. It is this senior management team that has successfully managed and operated the authority server within the Factom community test net. Full biographical descriptions of the Roba management team are provided below. Roba has also formed key strategic partnerships to help promote the Factom protocol to the widest audience possible. Roba also has consulting agreements in place with experts in the areas of healthcare, cybersecurity and marketing. We will leverage these consulting agreements to pursue specific opportunities in these areas, using this expertise on an ad-hoc basis when needed to minimize overall costs and maximize the value of our consultants' time.

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?

S-Corp

Will you operate as an incorporated company?

Yes

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

Already incorporated in Virginia, USA

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

No

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.

yes, our CEO has been the Principal broker of Roba Realty since 2012. Roba Realty's gross income and sales have averaged over 2.5 million dollars per year over the last 4 years. Prior to Roba Realty, our CEO managed a team of 10+ developers at Verizon Communications with a department budget of about 3 million dollars that included salaries for employees, consultants and software licensing fees. Additionally, Our CEO managed a budget of over 5 million dollars at Fairfax County Government as a director of Information Technology

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

Roba Realty has been in business since 2012 with gross sales and income exceeding 2 million dollar per year. As a registered S corporation in the state of VA, we have fulfilled our fiduciary responsibilities. We follow Generally Accepted Accounting Principles, manage our books, and perform routine audits of our financials.

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

Members of Roba have been long term believers of the Factom Protocol. Our members have been vibrant members of the community. We have participated in the community testnet, acted as moderators in slack and discord, participated as members of exchange committees, applied for authority set and guide roles, and provided content as content writers to other ANOs. We have identified several short and mid to long term opportunities in our attached proposal that we believe will add real value to this developing ecosystem.

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

Members of Roba are very excited by the prospect of blockchain technology, and see Factom as one of the only companies attempting to address enterprise level problems with blockchain based solutions. We believe the Factom protocol has real credibility as demonstrated by its market penetrations, and we want to be part of its journey to adoption and success. We believe our collective abilities will be an overall asset, and our commitment has been demonstrated throughout the last several months.

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

We believe Factom will become an ubiquitous data integrity layer and solution that supports thousands of applications. We envision the genius of the Factom protocol, including its 2 token system and foresight into addressing problems, coming to light and resulting in a massive surge of interest. We see thousands of developers working on and using this protocol, and we see it being implemented in both public and private based solutions.

What will your efficiency be with only one node?	0,5
What will your efficiency be with two nodes?	0,5

Node #1 Type	Virtual Private Server (VPS)
Node #1 Location (VPS: Provider, Region // Other: Country, City, Datacenter)	AWS Paris
Node #1 CPU, Number of cores	4
Node #1 CPU, type & clock-speed	2.4 GHz Intel Xeon E5-2676 v3 (Haswell) processor

<i>Node #1 RAM, amount in GB</i>	32
<i>Node #1 RAM, scalable if < 24 GB</i>	Yes
<i>Node #1: Storage, RAID type</i>	RAID 5/6
<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>	10 Gbit

<i>Node #2 Type</i>	Virtual Private Server (VPS)
<i>Node #2 Location (VPS: Provider, Region // Other: Country, City, Datacenter)</i>	AWS Osaka
<i>Node #2 CPU, Number of cores</i>	4
<i>Node #2 CPU, type & clock-speed</i>	2.4 GHz Intel Xeon E5-2676 v3 (Haswell) processors
<i>Node #2 RAM, amount in GB</i>	32
<i>Node #2 RAM, scalable if < 24 GB</i>	Yes
<i>Node #2: Storage, RAID type</i>	RAID 5/6
<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>	10 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.

Please see our campaign document for more information

We have maintained over 99.9% uptime through AWS and have unparalleled technical support, backup, disaster recovery and hot-site fail over capabilities through our contract with AWS. While our systems administrator will be our in-house server administrator, we have also contracted with a very reliable and reputable 3rd party vendor who will provide 24/7 network, server support and maintenance services. We have also added a seasoned systems engineer with extensive experience in linux/unix systems. The combination of in-house, as well as, third party server support will ensure experienced and knowledgeable staff are available around the clock to not only monitor our server's uptime and performance, but also ensure timely ad-hoc and scheduled updates, patches, and upgrades are coordinated. Roba Realty will have 4 POC's available for contact, with two in house personnel capable of handling network issues as they arise. We have a system in place that we believe will allow us to respond to any issues within 45 minutes, and we will actively work to reduce this response time. Within one month, we intend to reach a state in which all core members of Roba are able to handle network management issues. We believe this, in conjunction with our third-party support and access to AWS technical staff will ensure optimal node reliability.

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

3/1/2018

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

By 1 team member, By more than 1 team member, Fallback by a specialized company, We currently have 1 team member administering our node. For our main net nodes we will have multiple team members and a specialized company

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

2

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)?

Our system administrator has almost almost twenty years of experience in administering various types of servers. Initially, he worked for the American Red Cross Datacenter, being part of the datacenter's administrator team, managing and monitoring the entire American Red Cross datacenter unix based servers, and being on call 24/7 for any server issues. For the last 17 years he has been a federal employee managing and administering Windows based servers. Specific examples include managing Domain Controllers (DC), Exchange, and File and Print Servers. He also has experience installing and configuring servers and trouble shooting server issues and updating patches and dealing with the logical and physical security of the servers.

Our new systems engineer has experience in this department. As a linux/unix administrator installed and configured open source flavor operating systems such as Fedora, CentOS, Ubuntu, FreeBSD, and OpenBSD on thousands of dedicated and co-located servers. He was also responsible for troubleshooting and resolving various hardware and software related issues such as kernel panics on custom built servers, upgrading software from command prompts using tools such as YUM (Fedora, Centos) and apt-get upgrades and updates(Ubuntu).

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

No

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

No

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

Roba plans on closely monitoring server logs for any inconsistencies and storage and memory issues. We will activate server alert's on the authority servers to keep abreast of any issues. We intend on having a scalable system in place that ensures our authority servers can make any necessary changes. Roba will continue being engaged with the Factom community group, making sure server patches and updates are coordinated and timely. Our nodes will be protected behind firewalls, and we intend to implement guard nodes as a precaution. We have a network administrator along with a newly added systems engineer who will both ensure secure operation of our nodes.

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

We will have 4 POCs available for contact through email and phone and have all members of our core team capable of handling network issues. We will also have a 24/7 specialized company monitoring our servers, who will be capable of coordinating restarts and updating servers as needed.

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

An ideal setup includes 24/7 availability with a high performance system that must be scalable for things like memory and storage. Security and

log monitoring is essential. The use of firewalls and at least 2 guard nodes per server is deal and the Auth node administrators should continuously be in touch with the factom administrators and be able to coordinate updates and restarts in a timely fashion.

Free-text. Add any additional information deemed relevant.

Add any application supporting files here

<https://drive.google.com/open?id=10s3xkQw-OqlsAypsmSCCKb-GXFGCgojt>