



Authority Node Operator Application

INFRANODE 2.0

RAISING THE BAR

There has been a lot of chatter about whether Infrastructure Nodes should contribute more than just solid infrastructure to the protocol. Anchor Block would like to raise the bar by being both an Infra Node and making additional contributions to the protocol. Therefore, we will clock in at 60% efficiency and make impactful contributions.



THE TEAM

OUR TEAM

➤ Cody Branson | Founder



Discord - Codyboi

Occupation - Owner at
Branson Consulting, Anchor
Block



BACKGROUND

Located in the United States, Cody has worked with blockchain companies since 2016. He founded Branson Consulting upon learning how transformative blockchain technology will be. Cody has been involved with investing, mining, staking, and/or running nodes on multiple networks including Bitcoin, ZCash, Ethereum, Factom, and Digibyte. He also has networked with blockchain company leads including Jared Tate, founder of Digibyte. Cody spent two years in his previous employment spinning up AWS instances and deploying applications. Cody has designed and deployed an enterprise-wide solution for multiple users to gain access to a central server to process sales funnel requests and administer quoting tools. Cody has also worked with start ups and assisted in developing their businesses across multiple demographics.

OUR TEAM

- Dennis Burton | Growth Strategy + Partner



Occupation - Partner
Channel Manager at
Blackfoot
Telecommunications



BACKGROUND

Dennis has a well-rounded technology background with extensive experience in developing sales strategies for software, hardware and wireless companies. Prior to Blackfoot Telecommunications, Dennis served as the VP of Business Development at Cradlepoint Technology Inc., a global leader in 4G/LTE networking solutions. His responsibilities include acquiring strategic OEM Alliance Partners and launching new International markets. Dennis joined Cradlepoint in 2007 and quickly assembled a sales team in Montana resulting in company revenue growth from zero to \$17.5M annually in just eighteen months. Dennis began his technology career with Extended Systems, Inc., as a Regional Account Manager where he launched a new product line. The launch increased company revenues by more than 25% in the first year (7.8M), which later resulted in an IPO. Through his efforts, Dennis' sales team was the highest revenue generating team in North America. Next, Dennis moved to a new challenge by accepting an executive management position at RightNow Technologies. There he consulted with fortune 500 companies to reevaluate their support processes and helped his customers drive cost out of their business model. During his tenure, RightNow Technologies realized 1,000% growth year over year and was acquired by Oracle for \$1.5B. Shortly after 911, Dennis moved his family back to Montana where he was born and raised. Since his return and prior to Cradlepoint, he helped build two other high tech start-up companies and in both instances grew company revenues. Helping companies grow is a passion, but more importantly, Dennis values high integrity leadership and building company culture.

OUR TEAM

- Vasiliy Lemeza | SysAdmin + Partner



Discord - MrLang

Occupation - Real Estate Professional / Tech Support for Telecommunications



BACKGROUND

Vasiliy has spent the last decade working on website development and computer programming. Over the last year he has been managing cryptocurrency trading and staking. Vasiliy has experience with several coding languages including HTML/CSS/Python/Java and Js as well as remote server management involving Docker and Linux. He has experience with installing and configuring computer operating systems along with installing and maintaining software. Always looking to advance his knowledge base, he is near completion of several Linux and Docker certification courses. Vasiliy has also studied computer science, Web technologies and computer fluency. Vasiliy has a strong foundation when it comes to computers and technology.

OUR TEAM

► Brody Price | SysAdmin



Occupation - Web Developer / Backend PHP Developer at Elevation Church



BACKGROUND

Brody has been programming since he was 14 years old. Working with multiple different tools including Docker, Ubuntu, Linux deployments and server side admin work. His skillset includes working with bare metal servers as well as using cloud computing instances across major platforms. Brody has a few projects on Linked that show his work, one being building out Elevation Church online that currently supports over 25,000 live stream sessions per week handling up to 100,000 concurrent users. His role as system admin will aid in Anchor Blocks pledge to provide 24/7 support towards the Authority Nodes uptime.

OUR TEAM

➤ Karl Beck | Support Tech



Occupation - IT Specialist and System Engineer at Montana Phone



BACKGROUND

Karl spent 4 years working for SARENS USA as an ICT Specialist. He was part of managing all server infrastructure for US and Canada including print servers, group policy file sharing and Active Directory. During his time there he Remotely and locally supported over 200 Windows 7/8.1/10 Enterprise users with day-to-day issues in addition to tracking incidents in OmniTracker ticketing software. Karl performed 1st, 2nd, and 3rd line support duties from basic troubleshooting to complex problem resolution in areas including Networking, Juniper Network Connect VPN, MS Office, Autodesk products, Explorer CRM software, and Citrix applications. He was responsible for all US and Canadian backups systems through Symantec Backup Exec, ADBackup/OODrive Cloud, Barracuda Cloud, and Data Superhero Cloud backup platforms.

PLEDGES

INFRASTRUCTURE SUPPORT

We are pledging 24/7 support to the network and have 4 team members who will execute. We have implemented monitoring in GCP using Stackdriver software installed on all our testnet instances to assist in overall server health and factomd stall alerts. We have also implemented Pager Duty for mobile push notifications.

Anchor Block has positioned itself to grow and scale with Factom. We are exploring migrating CPU power off the cloud network and into a hosted facility with state of the art equipment. We have networked with a regional tier 1 internet service provider that owns and operates a colocation facility out of their main hub.

SERVER ARCHITECTURE

Google Cloud Platform n1-standard-8 - London

- 8 Virtual CPU's
- 30 GB of Memory
- 200 GB SSD
- 1 Gbps Connection
- Fully custom configured VPC
- Rotating keys every month for added security
- Follower node replica for hot swap/updating

Google Cloud Platform n1-standard-8 - Finland

- 8 Virtual CPU's
- 30 GB of Memory
- 200 GB SSD
- 1 Gbps Connection
- Fully custom configured VPC
- Rotating keys every month for added security
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ANO ONBOARDING

Central ANO Content Website

Anchor Block believes we can make the opportunity to be an ANO more enticing to outsiders. Currently, we lack an attractive presence (not to mention an educational resource). We will create a central website dedicated to this. This website will also act as a resource hub.

Video Tutorials

By creating unique video tutorials for newcomers wanting to get more involved, we believe we can help streamline the testnet onboarding process. Check out our first video below!

Slide Tutorials

Everyone learns differently. Therefore, we'll create a slide show version of our tutorials.

Testnet Wiki

By adding visual aids to the testnet wiki, aspiring ANOs will be more in tune with how the testnet works. An efficient, seamless, and frictionless approach should lower the barrier to entry for prospective ANOs.

Youtube Channel

Uploading our video tutorials to a dedicated Youtube channel is another way to increase the audience exposure. We built our first channel and uploaded our first video. This will continue with any tutorials we create.

[How to Brainswap on the Factom Testnet](#)

TESTNET MANAGEMENT

Managing Testnet Nodes

The management of testnet nodes by current ANOs can take time away (and in some cases money due to having to pay a SysAdmins) from bigger projects. The testnet is a vital part of Factom's growth. We are happy to take on the role of testnet node management for current ANOs, thus freeing up more of their time and allowing them to dedicate more resources to bigger projects.

We have a firm commitment to maintain and monitor testnet nodes from the team at "Go Immutable" and a soft commitment from "LayerTech." We will open this opportunity up to all ANOs in the near future.

DAILY DISCORD DIGEST

Streamlining Communications with Authority Set Operators

We strive to help the current ANOs by developing more efficient ways to stay connected. Creating our “Daily Discord Digest” has impacted the current ANOs and helped the teams stay more connected. The Daily Discord frees up time of current ANOs by offloading the task of combing through Discord. This allows ANOs to focus more time on impactful Factom projects.

Archiving

We currently have plans to implement a Google drive (or the current Factom drive) for archive purposes of all daily digests. This allows Factom newcomers to get up to speed on the Factom community.

Increase Audience

By adding Daily Discord subscription links to multiple ANO sites and the testnet wiki, we can help keep Factom followers in the Factom ecosystem up to date.

COMMITTEES

Exchange Committee Member

Being that Factom is mainly traded at Bittrex and (somewhat) at Poloniex right now, we see a huge need to expand the Factom presence at other exchanges. Anchor Block pledges our assistance to the exchange committee in their efforts to get Factom listed on more exchanges.

PLEDGES RECAP

- Deploy/manage 2 GCP n1-standard-2 cloud instances for testnet
- Four people capable of providing 24/7 support to infrastructure
- Defer 60% of ANO payouts to grant pool
- Create a central website to educate interested ANO applicants
- Create videos and slides for testnet, thus improving onboard process
- Build out Youtube channel dedicated to tutorials
- Manage testnet servers for current ANOs, thus freeing up time for bigger projects
- Continue to create our “Daily Discord Digest” and archive in a google drive
- Play an active role in the Exchange Committee
- Handle the non-glamorous “grind” work to free-up time for other ANOs

3 MONTH TRIAL APPROACH

As the Guides know, there were a lot of campaign pledges made the first round that have fallen by the wayside for various reasons. Anchor Block is willing to put our money (FCT) where our mouth is. Therefore, we are proposing to be an ANO Intern of sorts. Meaning, give us three months and let us prove that we are 100% committed to the protocol by executing the aforementioned projects.

After 3 months, the ANOs can hold a "confidence" vote. If we receive 2/3rds approval, then we maintain our ANO status. If we fail to reach 2/3rds, then we will gracefully remove ourselves from the Mainnet. Anchor Block not only has 100% conviction in the Factom protocol, but also in our ability to contribute to the protocol. Therefore, we are willing to operate on a "Prove It" social contract.

Thank you for your consideration,

The Anchor Block team
Infranode 2.0