

Byteball Witness Pledge

I, Rogier Eijkelfhof, publicly associated with BitKassa B.V. (a cryptocurrency payment processor and broker service in the Netherlands) and the Arnhem Bitcoin City project, wish to become accepted as a witness on the Byteball network.

I have been enthusiastically involved with Byteball almost since its beginning, I strongly believe in its technology, and think compared to other cryptocurrencies it offers a unique solution to the decentralization and consensus problem. Becoming a witness is part of my contribution to make Byteball a success, and hopefully results in more decentralization, increased acceptance, public awareness and recognition, a larger user base, and growing overall usage worldwide.

My witness address is: 4GDZSXHEFVFMHCUCSHZVXBVF5T2LJHMU

Herewith I pledge to run my Byteball node 24/7 and have it consistently issue new units from my witness address.

I understand what important role witnesses play in ordering of transactions and pledge to issue new units only serially, i.e. such that each my subsequent unit references my previous unit through parent-child links on the DAG, directly or indirectly. I'm going to ensure this by running only the software downloaded from the official Byteball repository <https://github.com/byteball/byteball-witness> without any modifications.

I will make sure there are enough bytes available on my witness address to continuously issue new units, and replenish this as frequently as necessary.

I understand that in case the private keys of my Byteball node are stolen, unauthorized persons will be able to post units on behalf of my witness address and break the sequence of units issued by my witness address, which jeopardizes the security of Byteball network, and I pledge to properly secure the private keys of my node. My Byteball node is running on a dedicated, remotely hosted, private server and connects only through Tor. The entire harddrive of this server is fully encrypted. I make sure to keep this server up to date, especially concerning security updates.

I understand that destruction of my node and its private keys can impact proper operation of the Byteball network and if too many witnesses go dark at the same time, new transactions will stop being confirmed. I pledge to back up the private keys of my node and keep the backups in a secure place where they are safe from loss and theft. I make sure to keep multiple backups, on different physical locations, with strong encryption.

I understand that although witnesses don't get to decide about acceptance or non-acceptance of individual transactions and the sole criterion for their acceptance is their validity according to protocol rules, witnesses still have to make decisions about changing their own witness lists, and I pledge to make changes to my witness list only as I feel is best for the Byteball network, only when I'm confident that the new witness properly understands the role of a witness and is going to follow the same rules while being in some way better than the witness being removed from the list.

I understand that I may lose trust of Byteball community in the future or just better (than me) witness candidates may come along who have, for example, more to lose in case of misbehavior, or are better known or more trusted by the community, and if I feel that it is the case, I pledge to voluntarily remove my address from my witness list and publicly support a better candidate.

I have set up a "dead man's switch" failsafe construction to make sure if I come to die or otherwise unable to personally operate or maintain my witness node, the information to unlock my node keys will become available to 3 trusted members from the community, secured with 2-out-of-3 keys encryption.