MONTHLY REPORT #10

MARCH 2023

NOTRUSTVERIFY.CH

Here is a summary of the work done by No Trust Verify since our last report

09- 12 MARCH

No Trust Verify met in Berlin with the other members of Pineapple Proxy. Born out of the Nym Shipyard Academy, Pineapple Proxy has grown into a collective of zany, warm-hearted people who are passionate about making privacy accessible to everyone. Here's a brief overview of what Pineapple has been up to recently:

- Fresh Discourse forum up for proposals for off-chain governance and discussion (forum.pnproxy.org), three proposals so far
- A fantastic Berlin meetup with the Pineapple crew (4 members)
- Hosted a successful event, "Weaving the Future Web" with 30 incredible guests from our own network. Guest speakers featured Nym's CPO and CSO, (and we even added our "AntiFi" provocation)
- Held Twitter space on mixnets
- Continued branding and narrative building on our website and Twitter Governance roadmap being implemented with two levels of active contribution for members (we recognise rotating levels of committment) -Of the 3 working groups, governance has been most active (narrative and tech may need some uplift or evolution)
- Ongoing weekly pnproxy townhall and working group calls (on Jitsi): these are fun chats and updates (if you join a call you get a POAP)

Some earlier points:

- Working towards consent-based decision making (this means a decision is made when no member objects to the decision, ie it's good enough for now and safe enough to try)
- Published a series of how-to content + curated helpful content + curated a cypherpunk reading list called Undystopian Alexandria (pnproxy.org) - Community collaboration with Nym on weekly community calls and bi-weekly DevRel AMA (special mentions on Nym's newsletter and Twitter)
- 3 proposals for Nym and 2 research proof of concepts
- Designed Pineapple Punk NFT series (WIP) and lore-building images -Pineapple Proxy gateway and BTC multisig wallet design in process -Folders are on Cryptpad (including meeting minutes, branding text and images), and strategy working doc on Miro

Get involved: join a call, share your thoughts or work, and remember that it's ok to be lurking (we'll be here when you're ready).

We believe in:

- collective intelligence,
- empathy, and
- collaboration

as the means by which we'll make privacy a meaningful reality.

PNPROXY.ORG

@PINEAPPLEPROXY

17 MARCH

We have created a small tutorial on the use of the Blockstream Green wallet via NymConnect. You can now use Blockstream Green via the Nym mixnet with ease !

https://medium.com/notrustverify/use-blockstream-green-through-nyms-mixnet-4ba96e9fe69d

30 MARCH

In collaboration with PineapplePrOxy and our colleague Lebeck (@Lebeckk), we participated in a demonstration of Nostr and its use through the Nym mixnet.

You can find the replay here: https://v.basspistol.org/w/gnzVLJgpfgmzTbbdJg19ET

Nostr is a new, simple, open and censorship-resistant protocol. It focuses on building a decentralized social network based on public and private keys.

To achieve this, clients connect to different relays and post messages called events. Nostr uses the notion of a simple relay and a smart client that take care of signing events using a key pair to authenticate each user.

With this approach everything is public. It is possible to know who is talking to whom, even in the case of a private discussion. And this despite the fact that the content of the messages is encrypted.

The use of Nym's mixnet cannot protect the metadata generated by a person who interacts with the protocol. However, it can limit the visibility at the ISP level on the access to Nostr, the relays used, the frequency of use or the potential interactions.

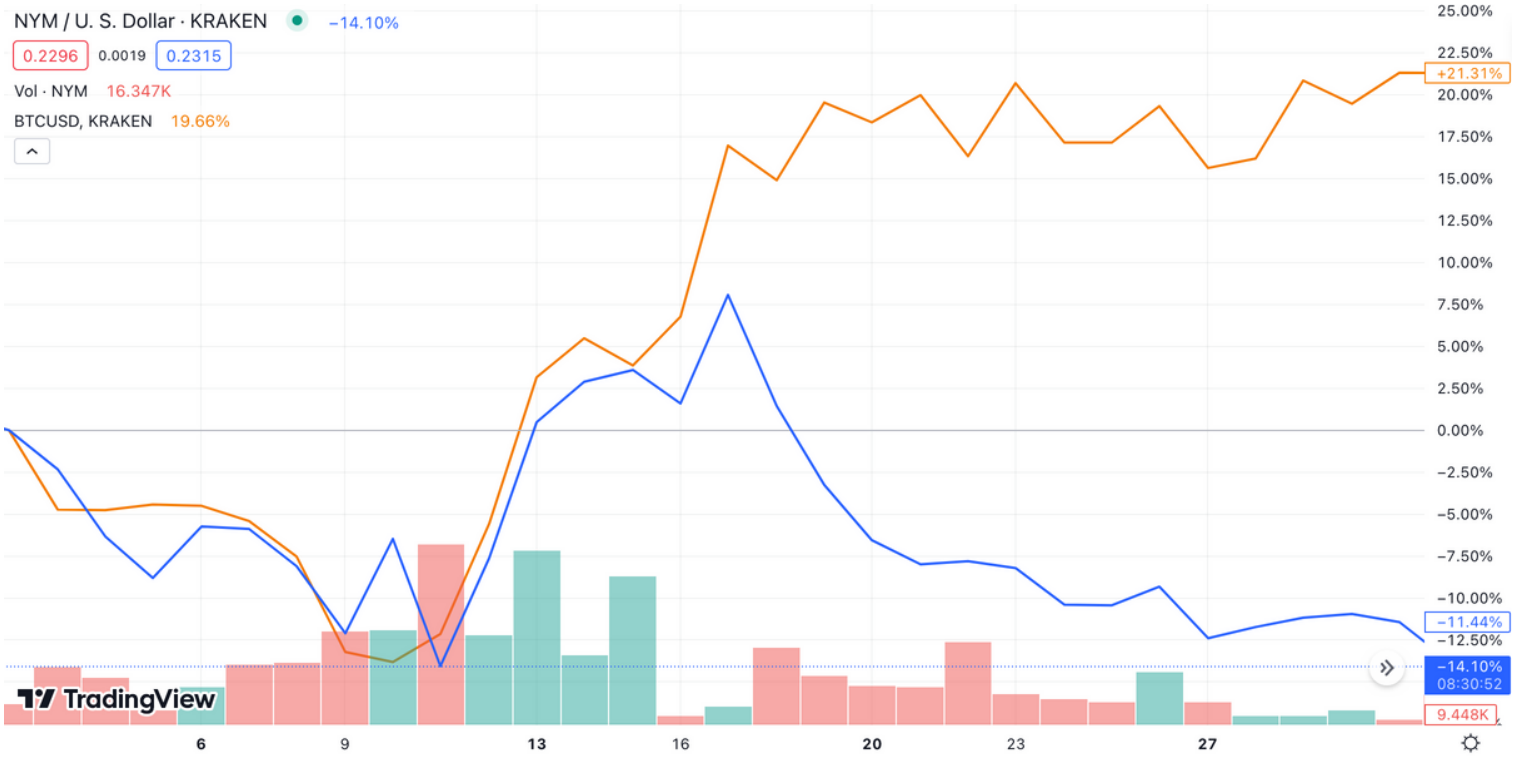
The use of Nym's mixnet also prevents a Nostr relay operator from easily linking a public key with the geographic location based on the IP address.

It is important to manage these two aspects correctly in order to allow everyone to use the Nostr protocol in the best respect of their privacy.

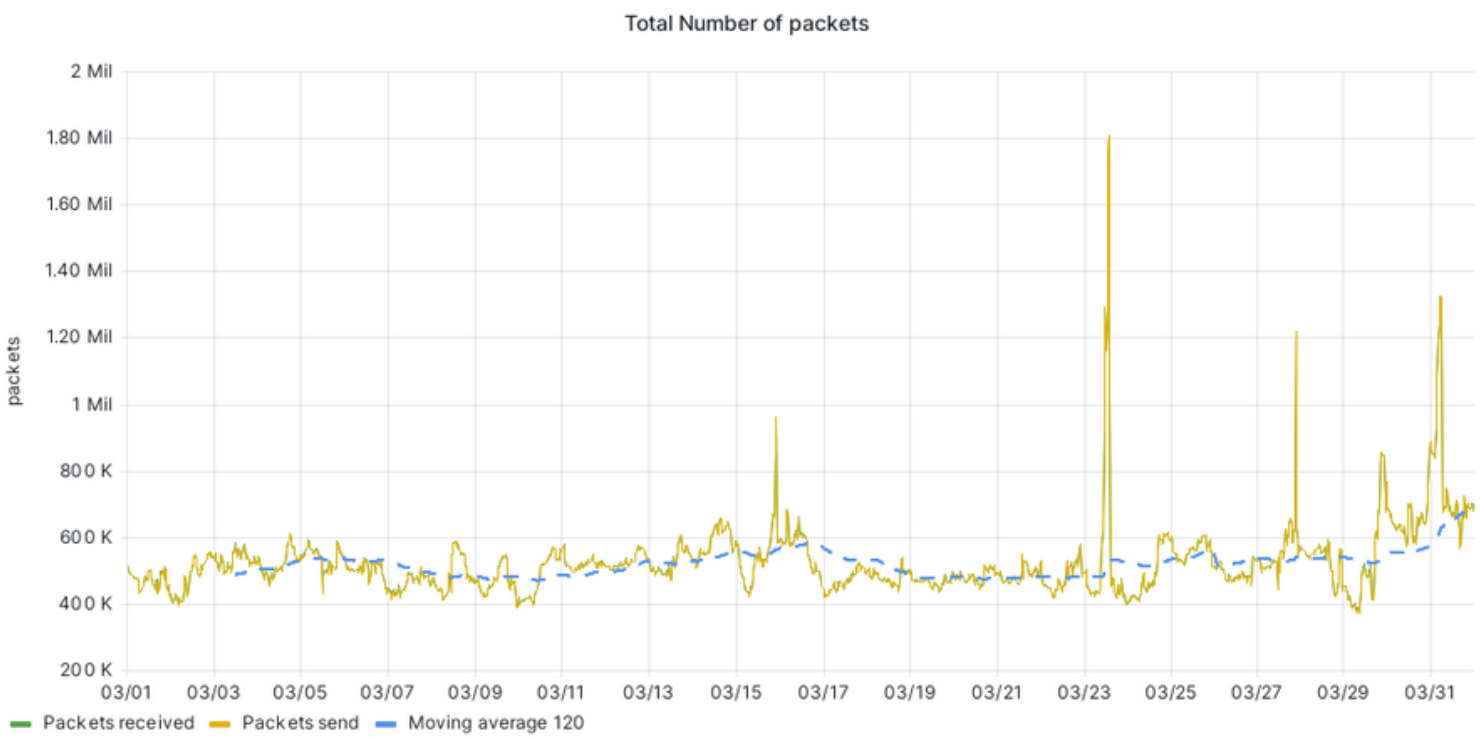
NYM METRICS

From now on, you will find in our monthly report some important metrics of the NYM network.

To begin with, here is an evolution of the price of $NYM with a comparison to BTC , over the month of March.

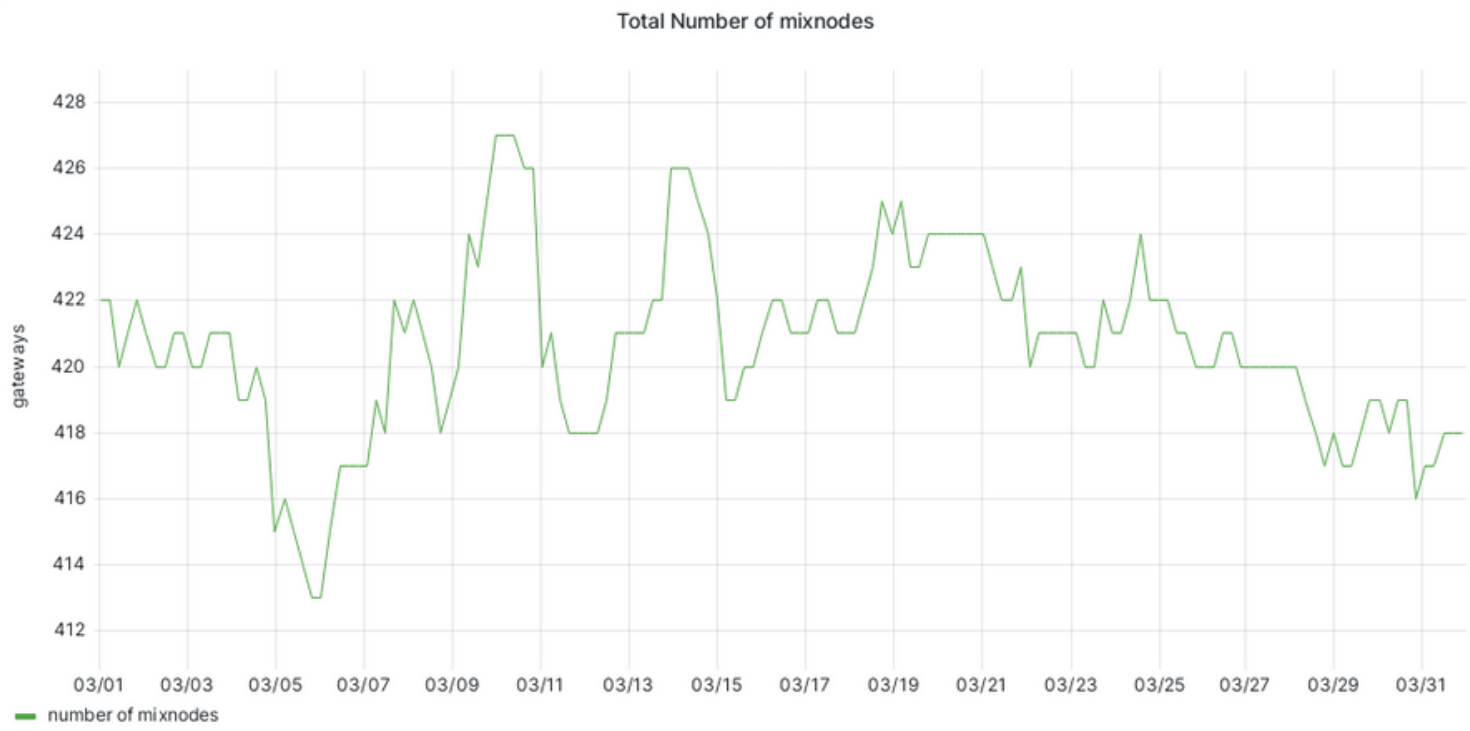


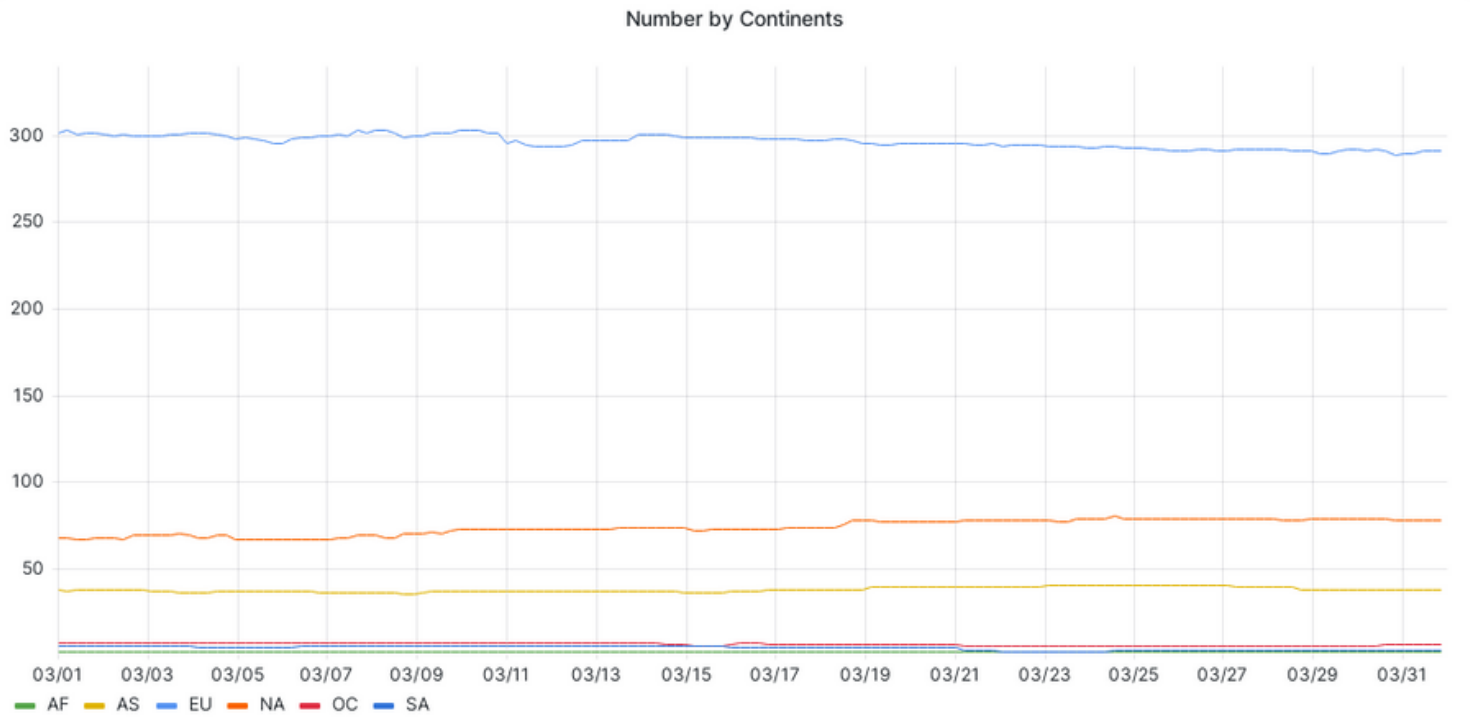
Evolution of packet processing for the entire mixnet.



NYM METRICS

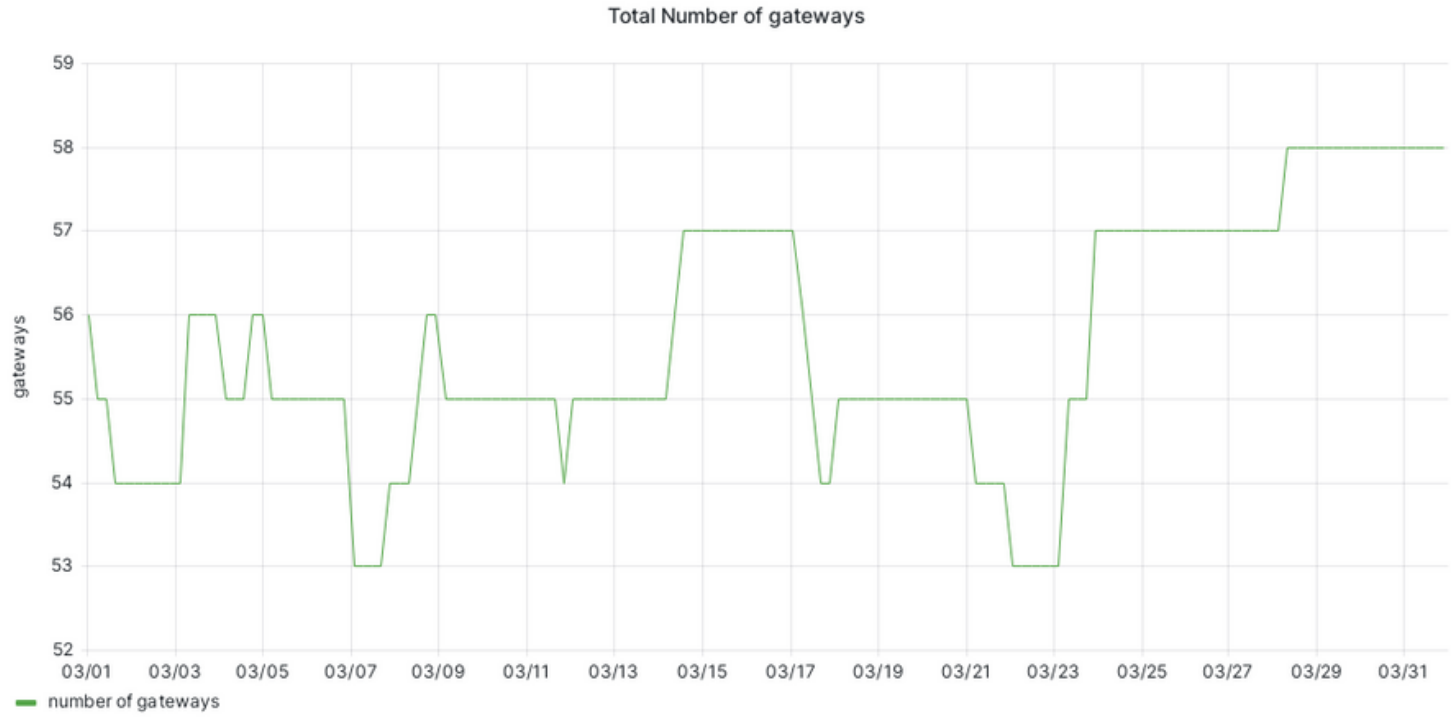
We will now look at the evolution of the **mixnodes** metrics in terms of their number and geographical distributions.

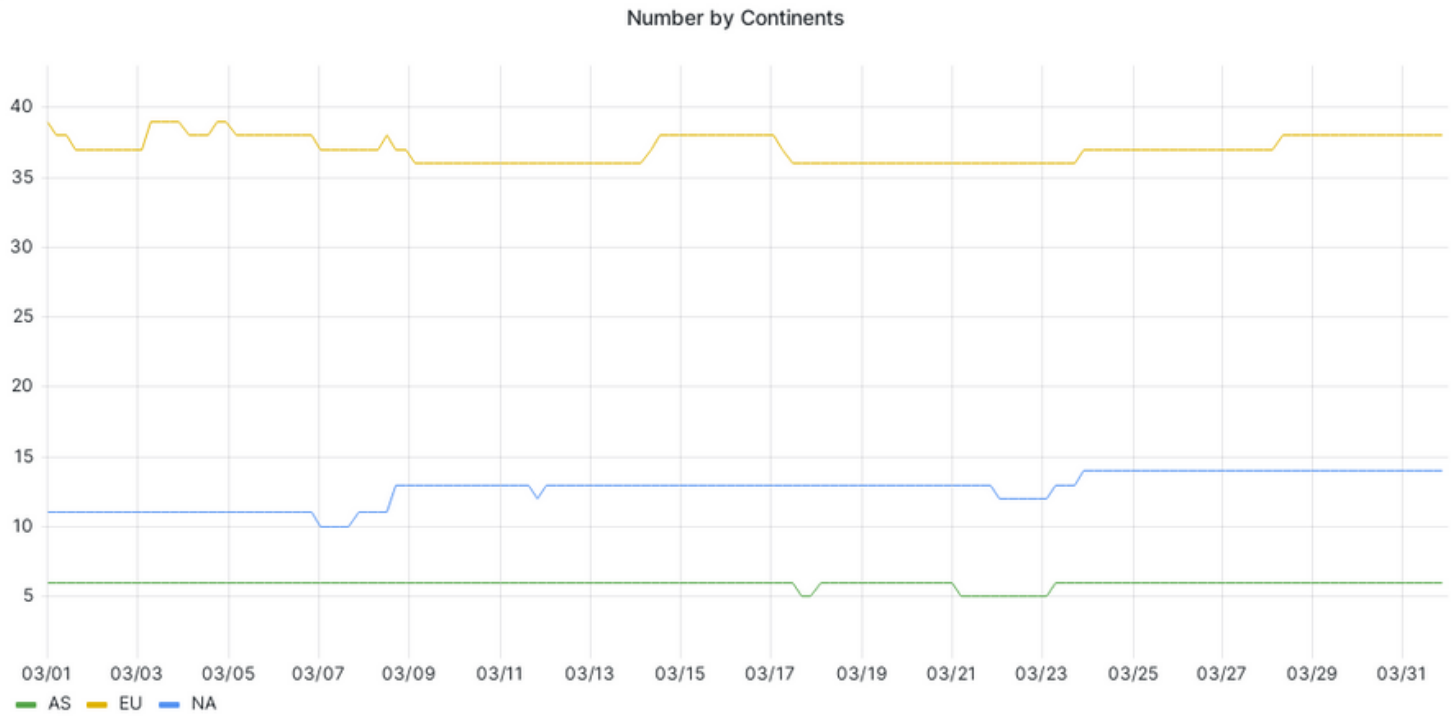




NYM METRICS

This section will describe the evolution of the **gateways** metrics in terms of their number and geographical distributions.





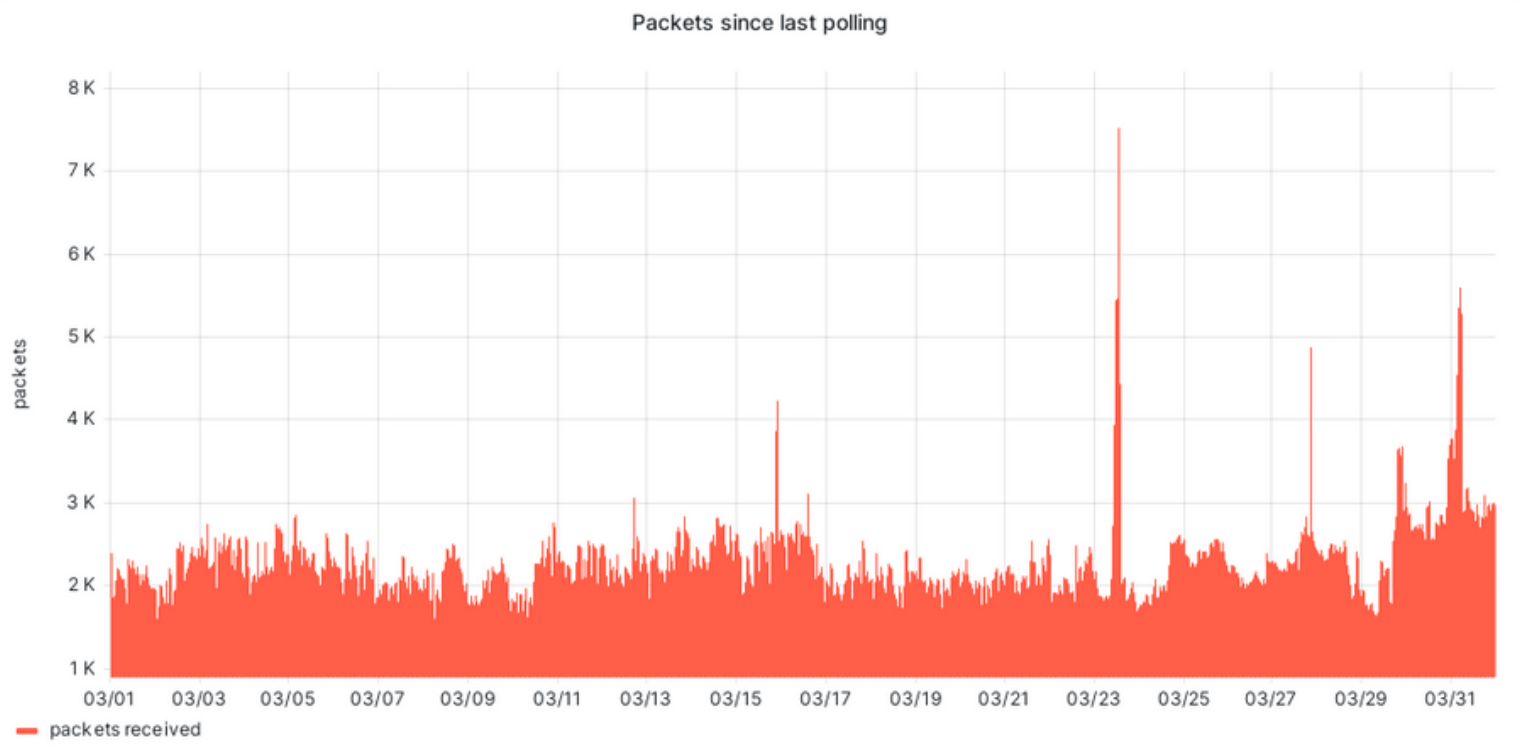
For more details about the metrics related to the Nym Mixnet, do not hesitate to consult our grafana:

https://status.notrustverify.ch/grafana/d/CW3L7dVVk/nym-mixnet?orgId=1

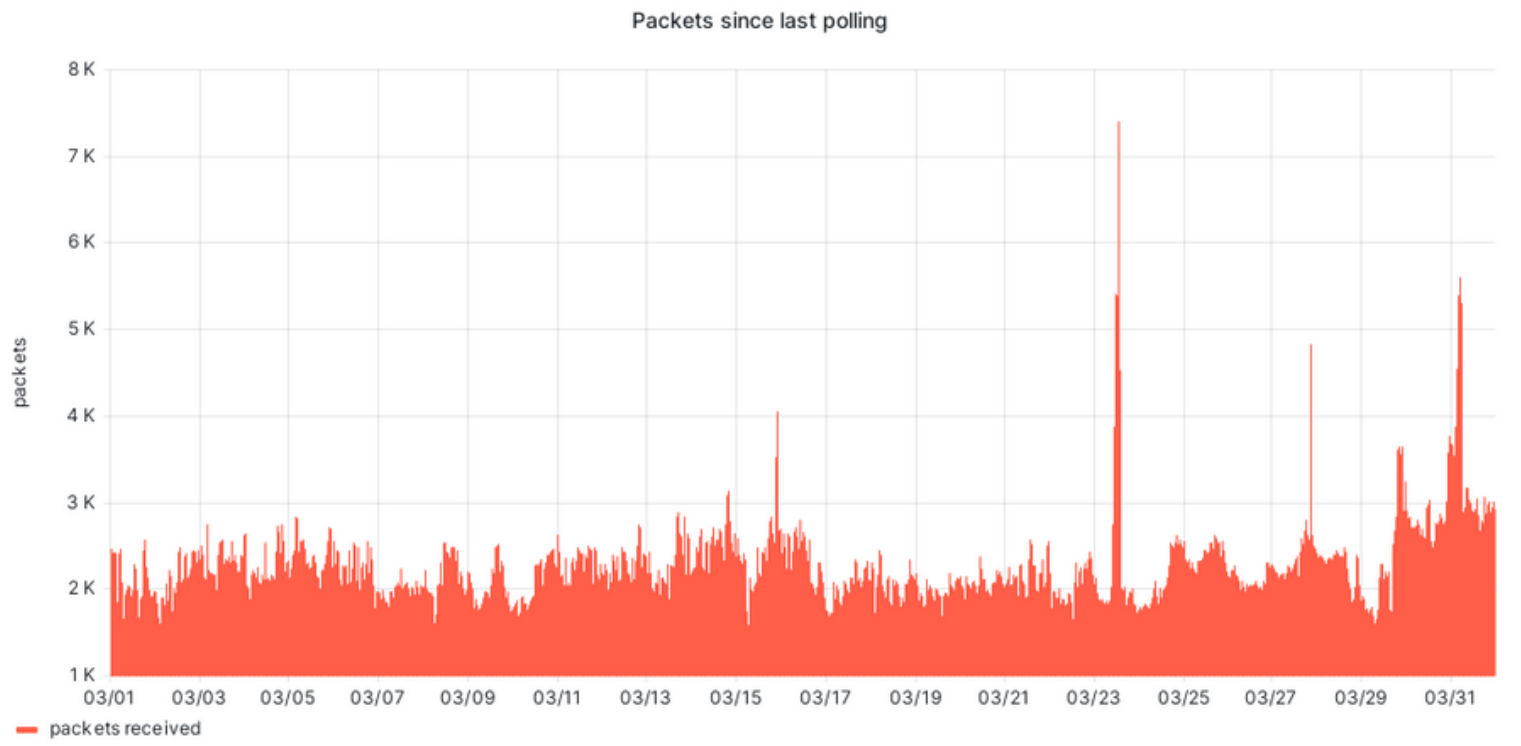
NTV METRICS

Let's go to the metrics related to No Trust Verify, you will find on this page the evolution of the packets processed by our mixnodes during the month of March.

NTV1 mixnode

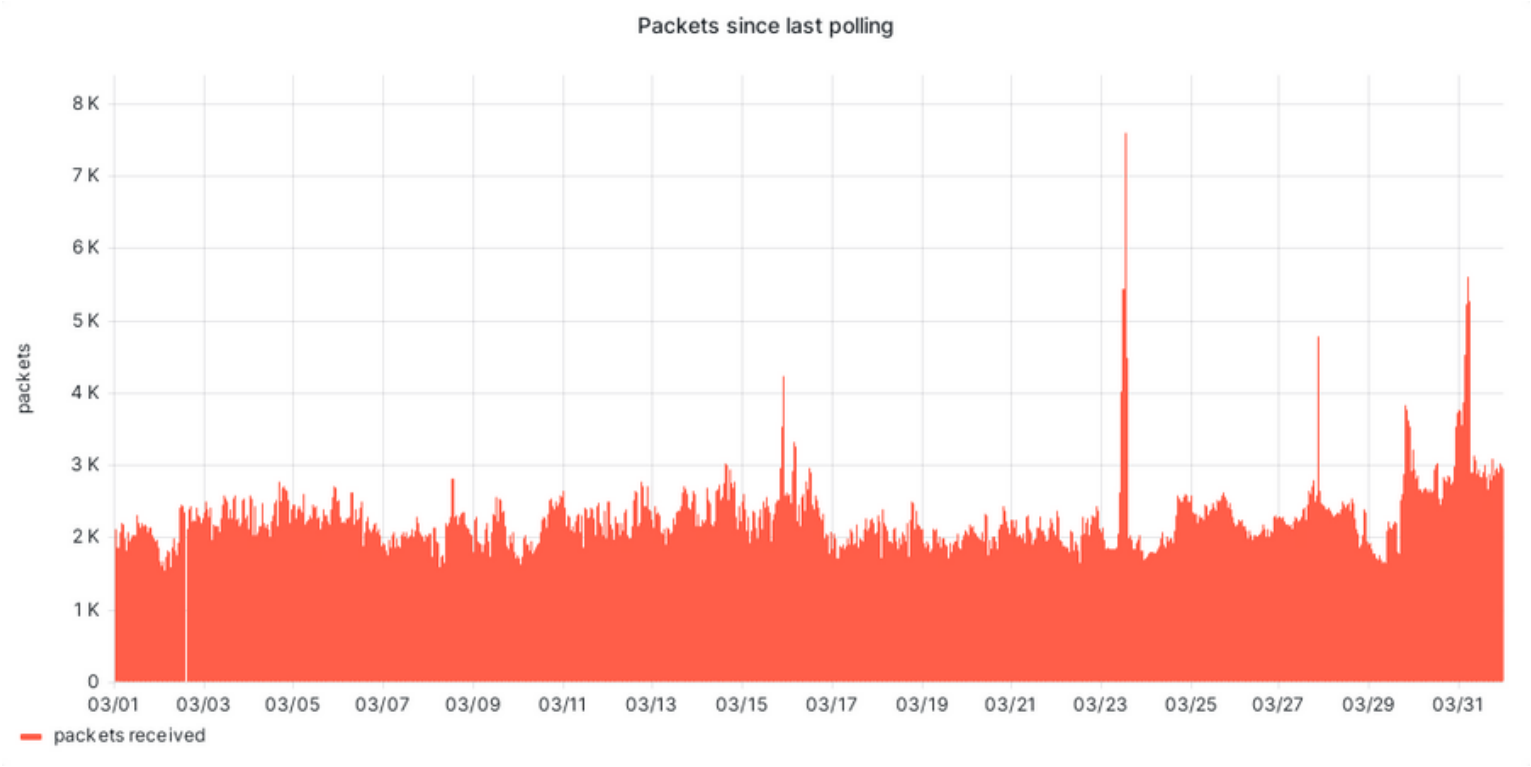


NTV2 mixnode



NTV METRICS

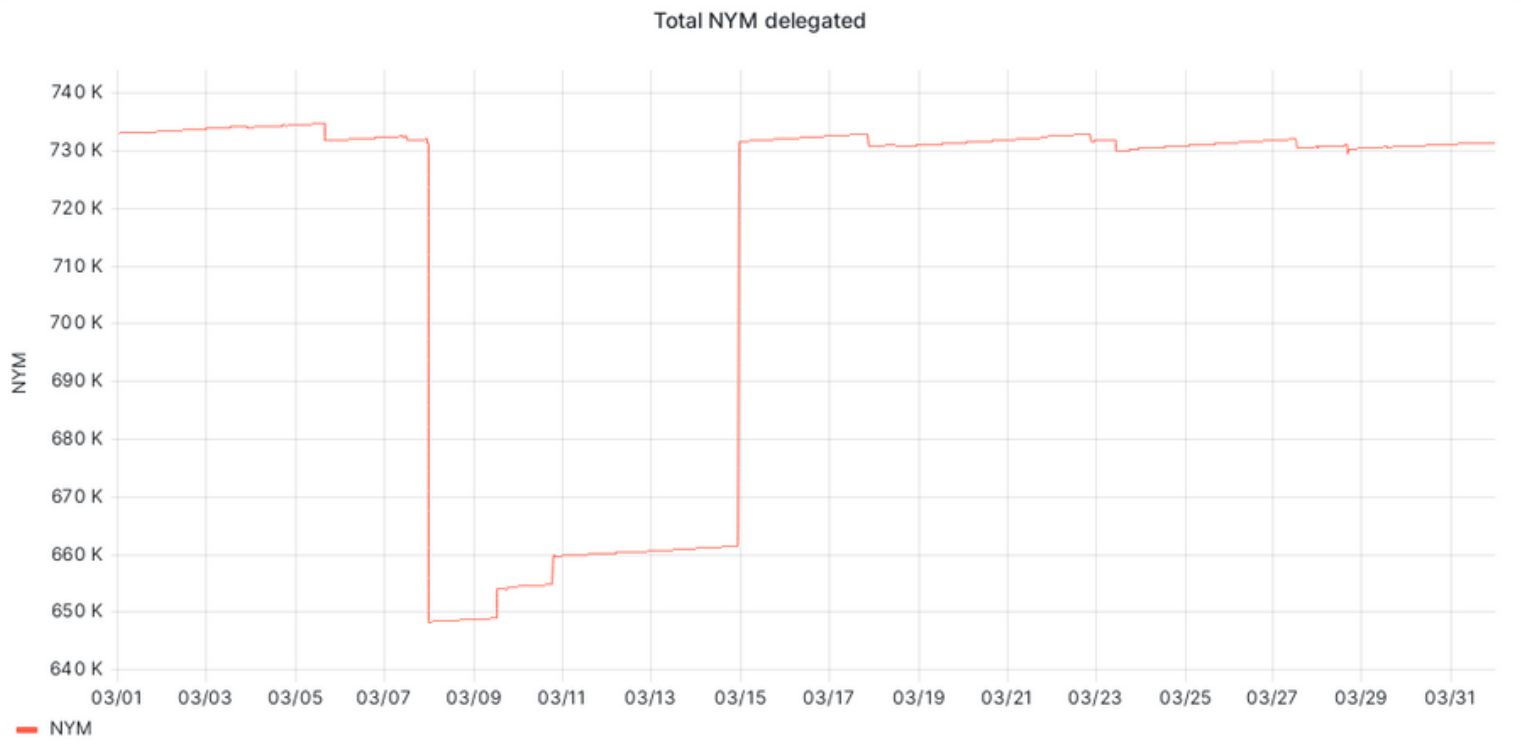
NTV3 mixnode



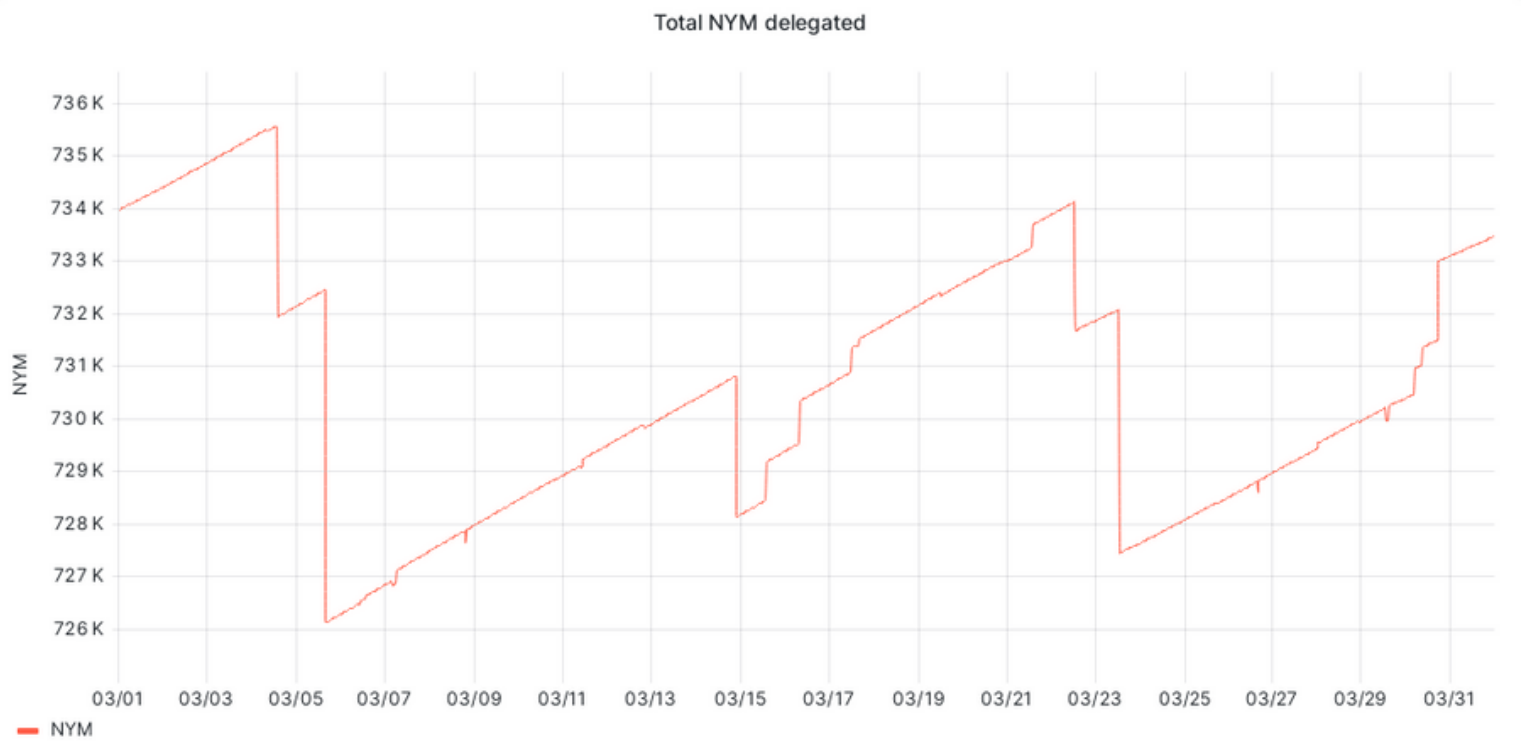
NTV METRICS

We then find, for the same period, the evolution of delegations made on our mixnodes. During this month, the stake saturation point increases to 929,000 NYM.

NTV1 mixnode

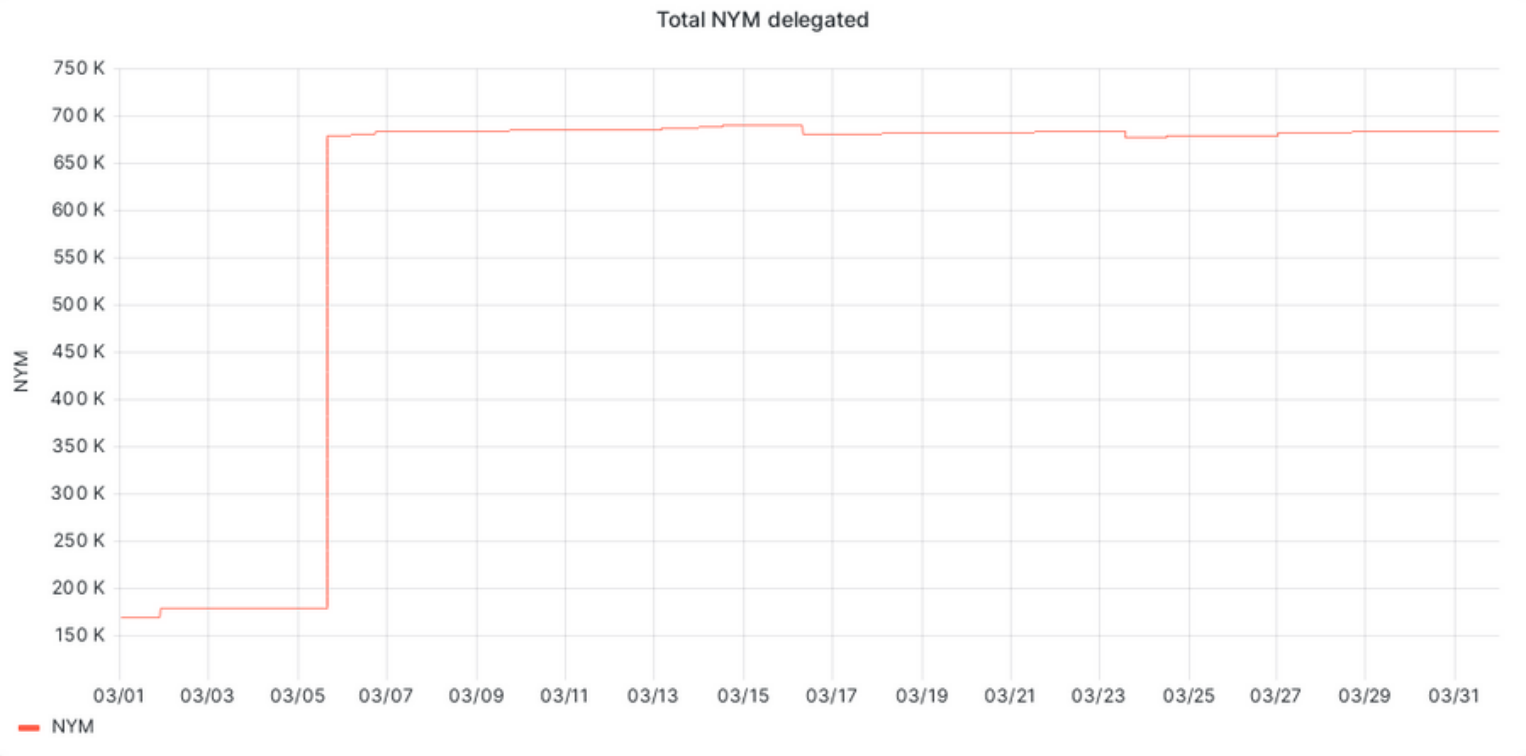


NTV2 mixnode



NTV METRICS

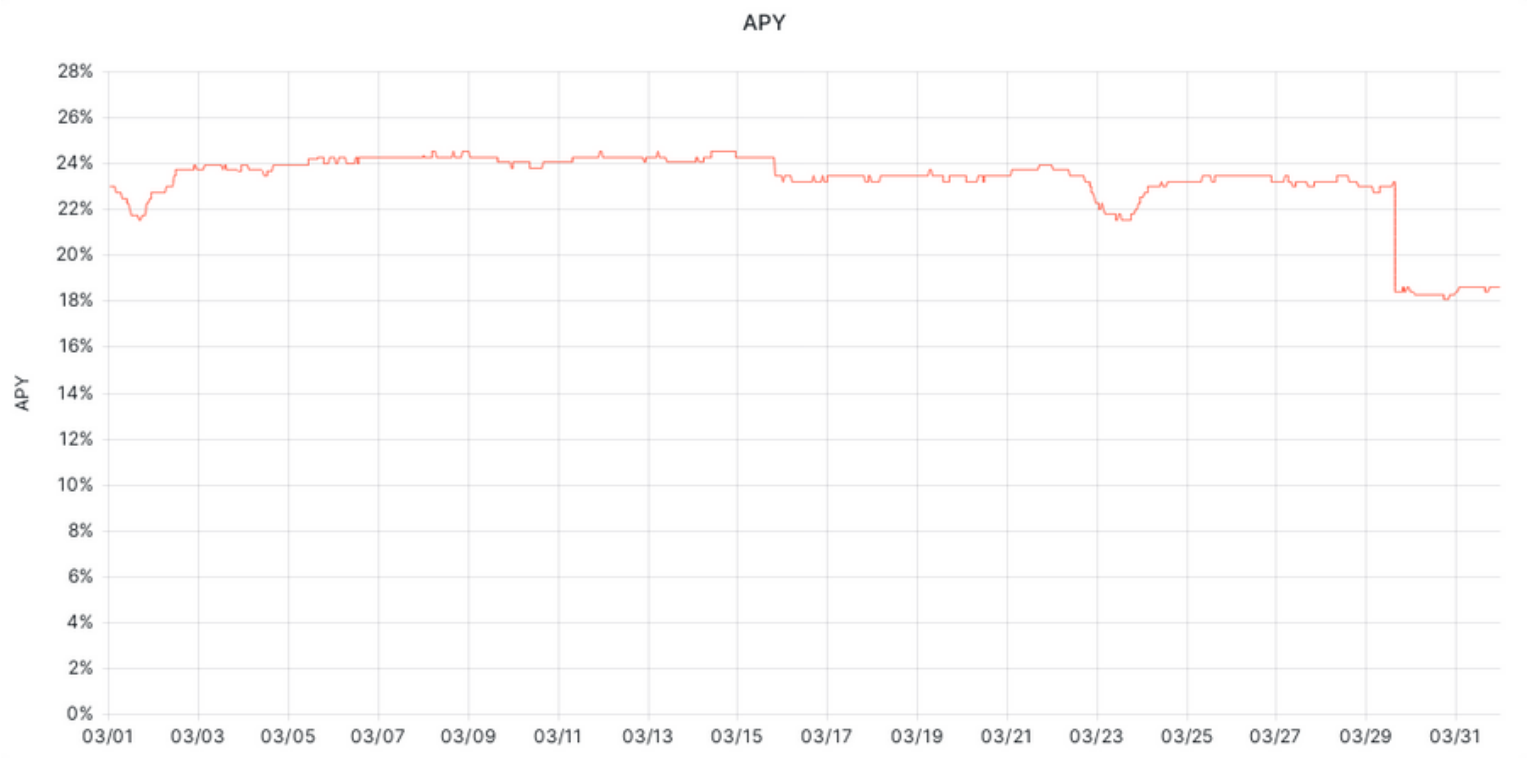
NTV3 mixnode



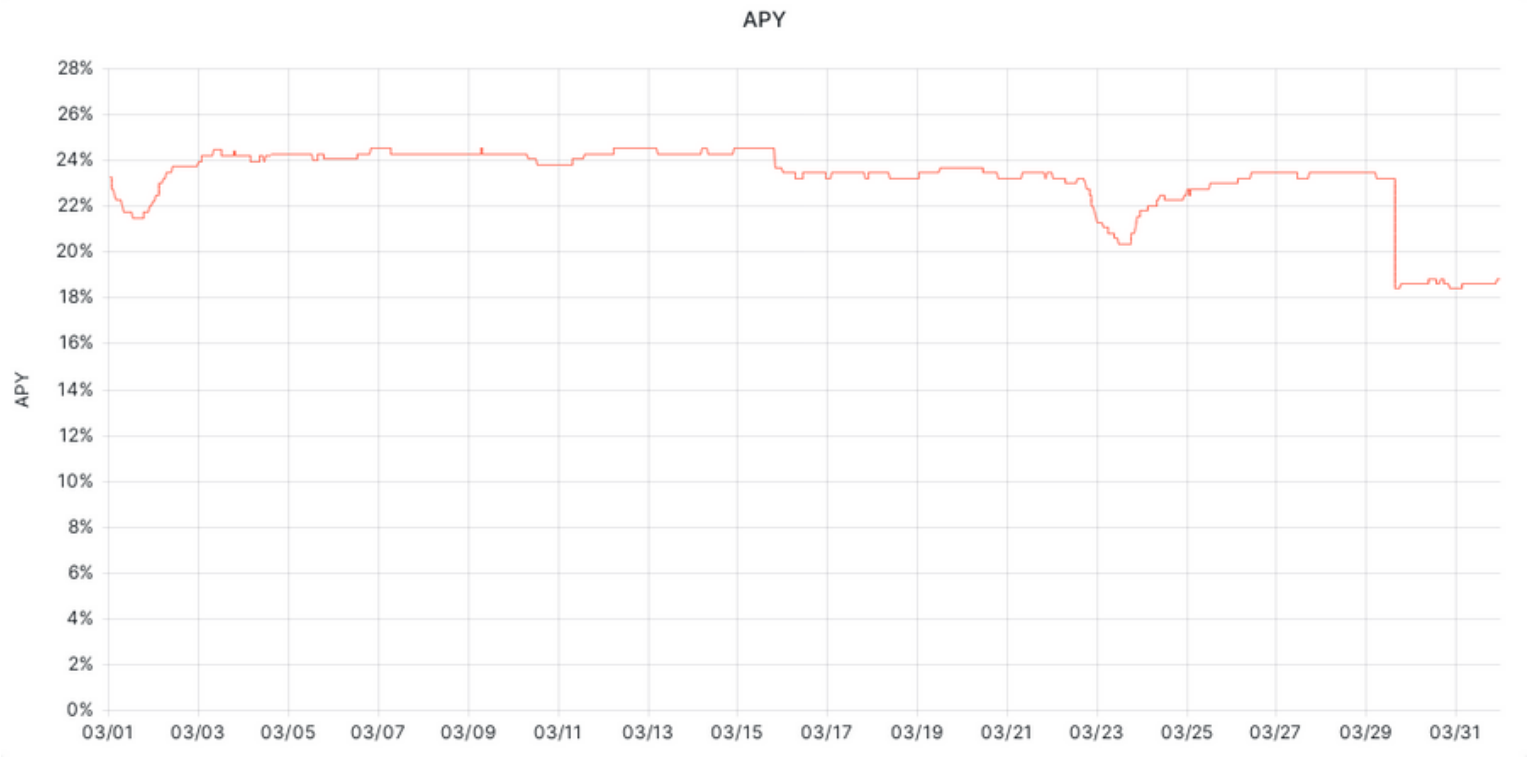
NTV METRICS

Here are the APY statistics for our mixnodes. With the change of stake saturation, the APY rate is now on average 18.57%.

NTV1 mixnode



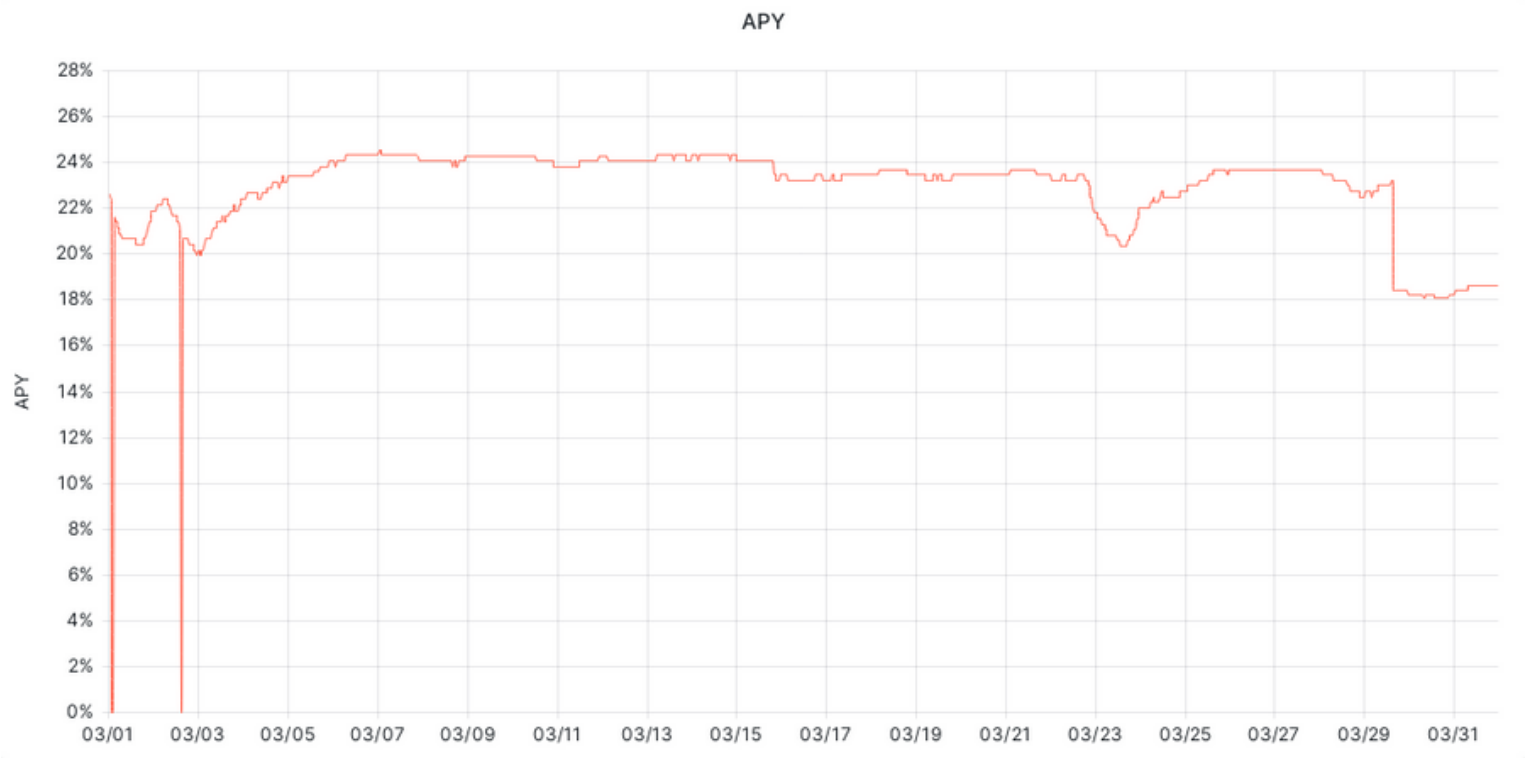
NTV2 mixnode



NTV METRICS

The variations below at the beginning of the month are normal and are due to the fact that the mixnode was not part of the active set.

NTV3 mixnode



The No Trust Verify team would like to thank you for your trust and remains at your disposal for any further information.