MONTHLY REPORT #15

AUGUST 2023

NOTRUSTVERIFY.CH

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

14 AUGUST

Our article "Accessing Meduza through Nym's Mixnet" serves as a pragmatic tutorial, demonstrating how Nym's mixnet can be used effectively to access independent media in autocratic societies. Meduza, an autonomous media platform, fell victim to censorship imposed by the Russian authorities in 2022. This act of censorship represents a blatant attempt to stifle dissident voices and regulate the dissemination of information. Nym offers users a way around this censorship, guaranteeing unhindered access to vital information.

30 AUGUST

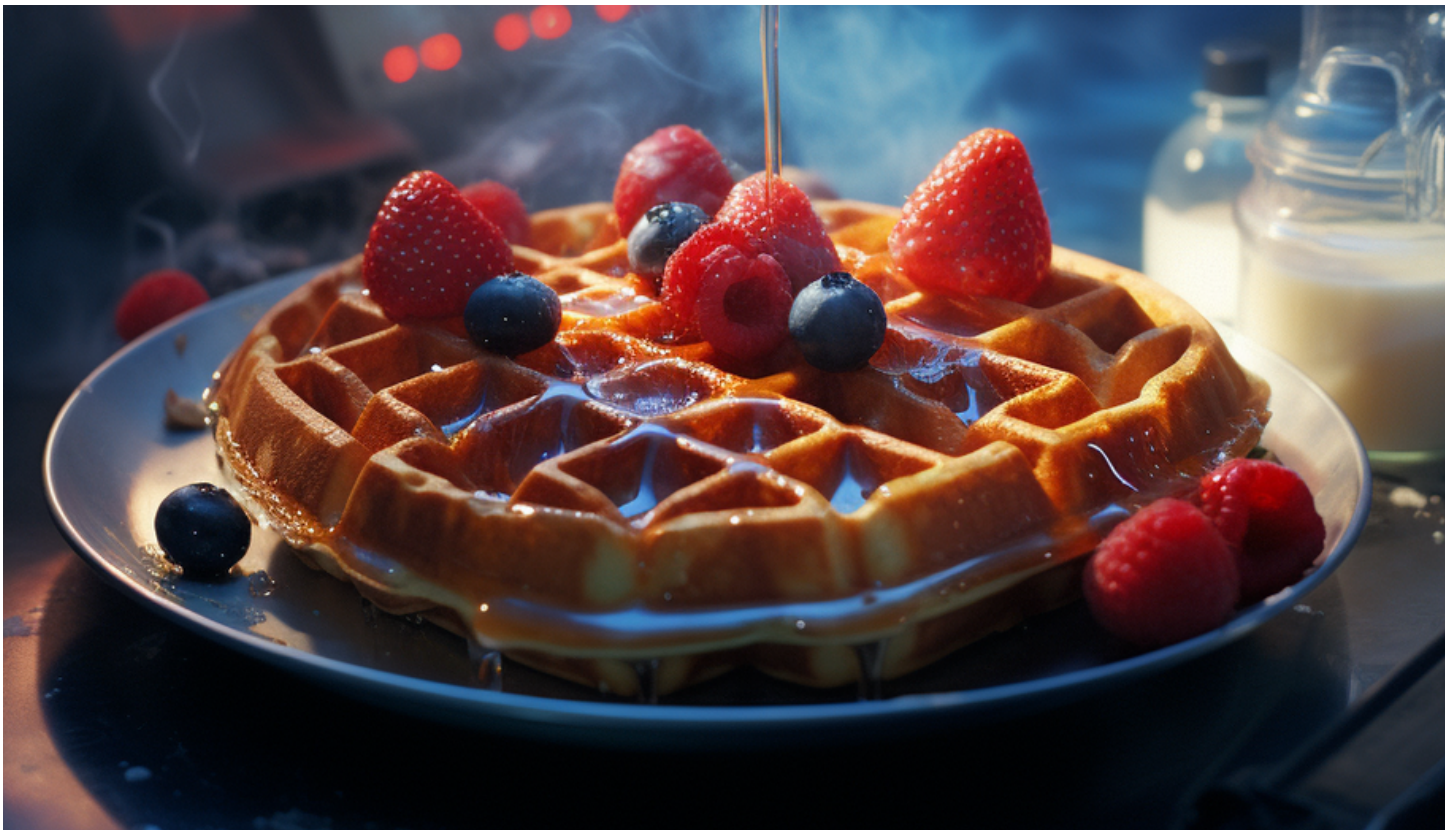
Our article "Trading on Uniswap via Nymconnect" familiarizes you with DEXs, the different types and the privacy issues that can arise from using them. In this step-by-step tutorial, you'll discover how to use Nym's mixnet to encrypt your traffic when interacting with the Uniswap DEX, making it more difficult to track your activity.

OUR "WALPH" PROJECT ON ALEPHIUM

The No Trust Verify team have been active members and contributors to Alephium since the launch of its testnet. Whether it's doing development, operating nodes, taking part in various community activities, writing articles or doing translations, we continue to actively contribute to this project.

Today we're delighted to unveil the debut of our latest project, **Walph**. It is one of the pioneering dApps on the Alephium blockchain. Walph Lottery offers a distinctive gaming experience, fusing the excitement of traditional lotteries with cutting-edge blockchain technology, guaranteeing transparent, secure and fair draws. All in a fun, easy-to-use dApp to make it as accessible as possible.

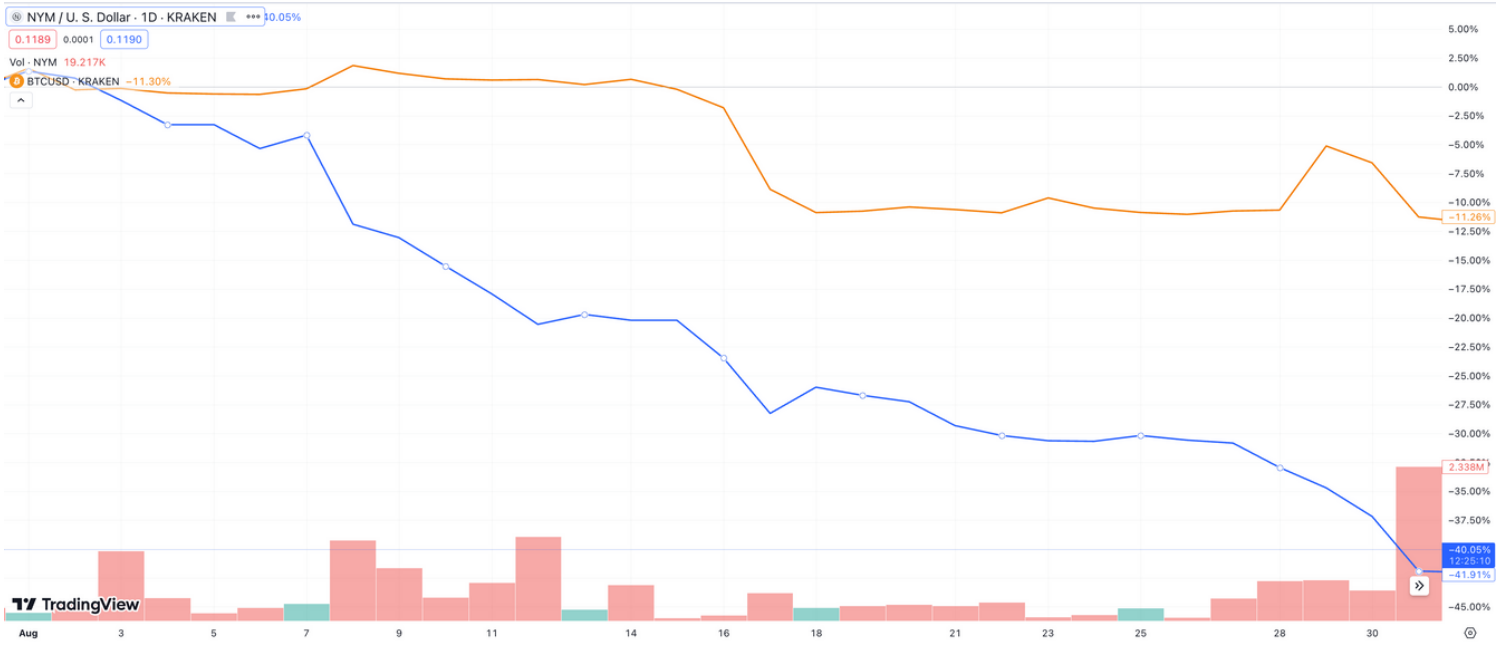
We will delve deeper into this topic in the near future, with a comprehensive tutorial. In the meantime, you can start engaging with the dApp on the Alephium testnet. It's important to note that this is just the beginning and a preliminary test version. For the moment, the draws are not yet on-chain and we are actively developing a user-friendly front-end interface: **Walph.io**



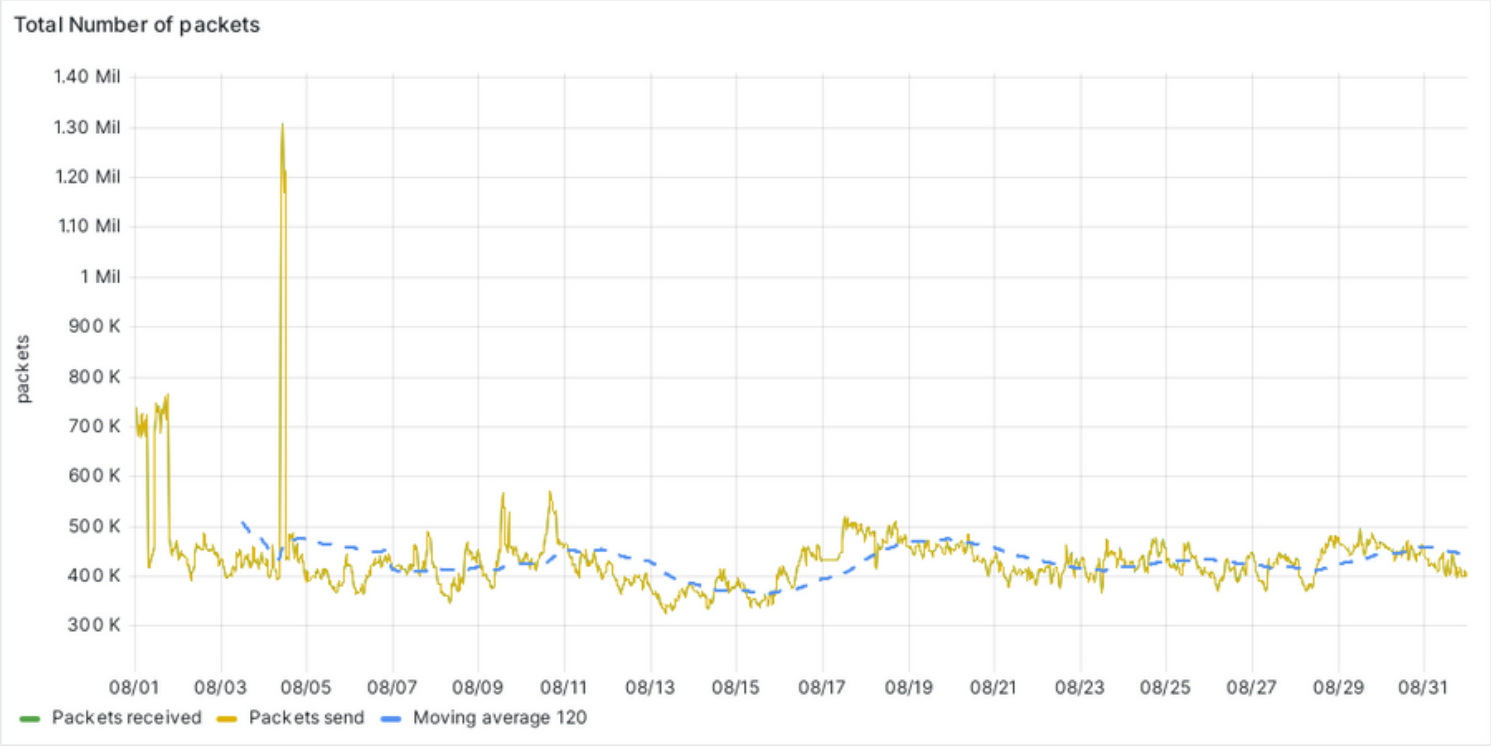
NYM METRICS

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 August.

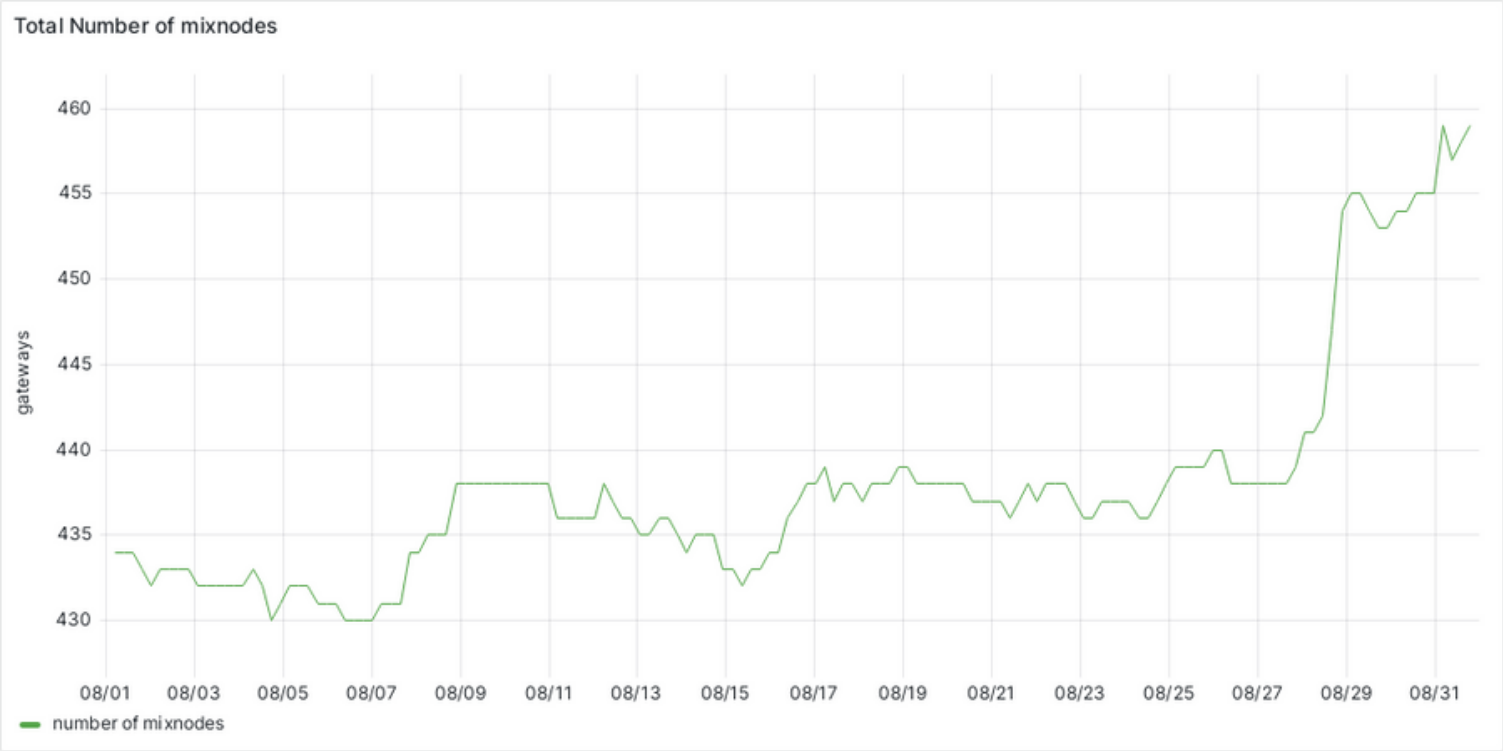


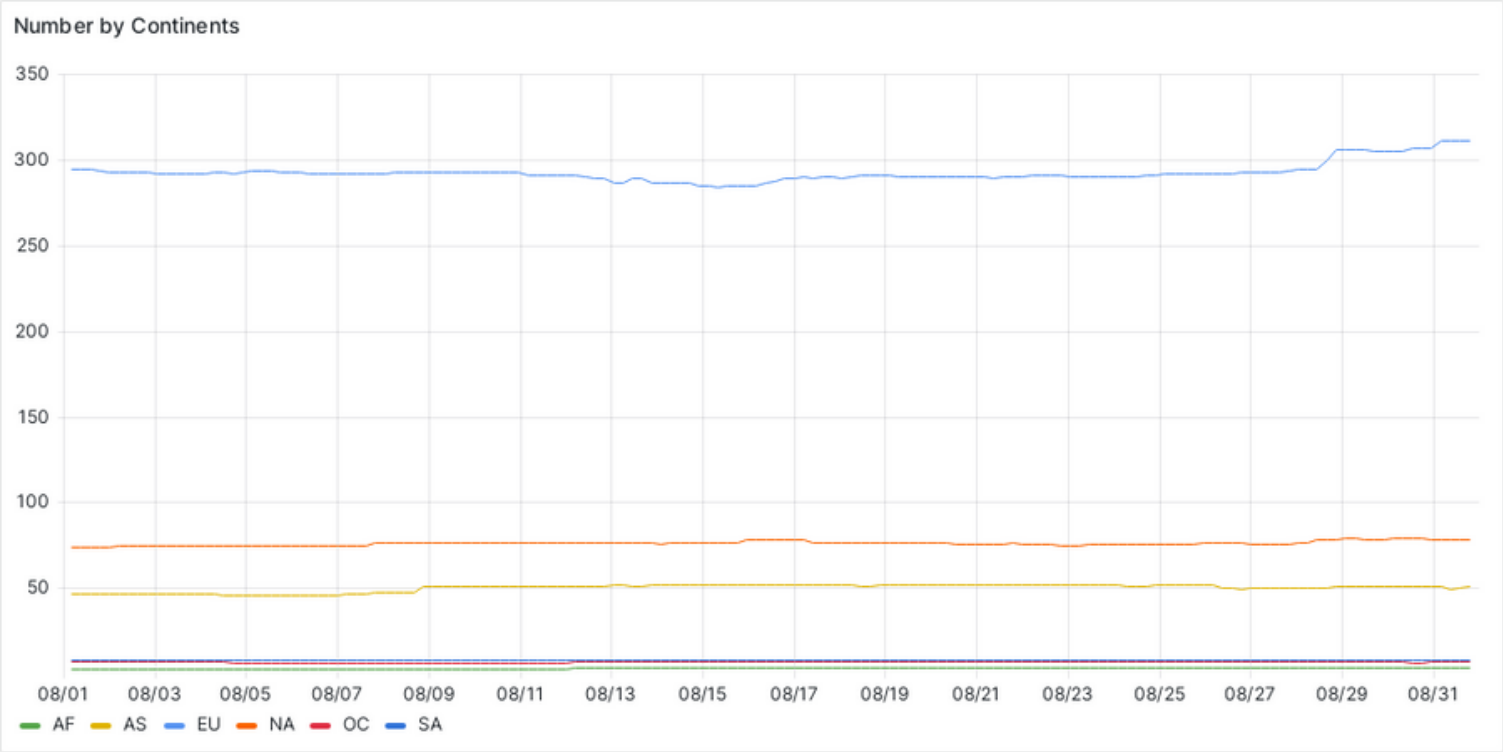
Evolution of packet processing for the entire mixnet.



NYM METRICS

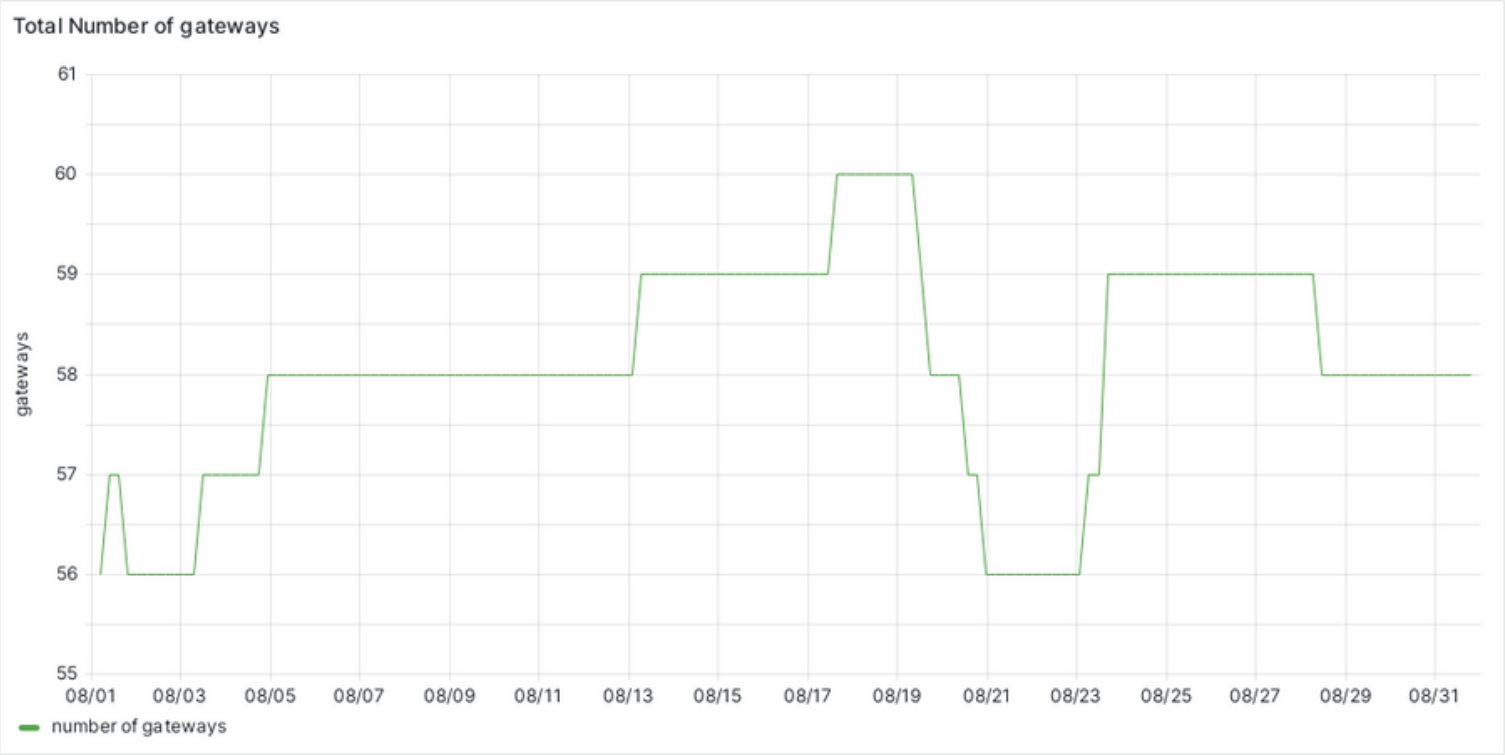
We will now look at the evolution of the **mixnodes** metrics in terms of their number and geographical distributions.

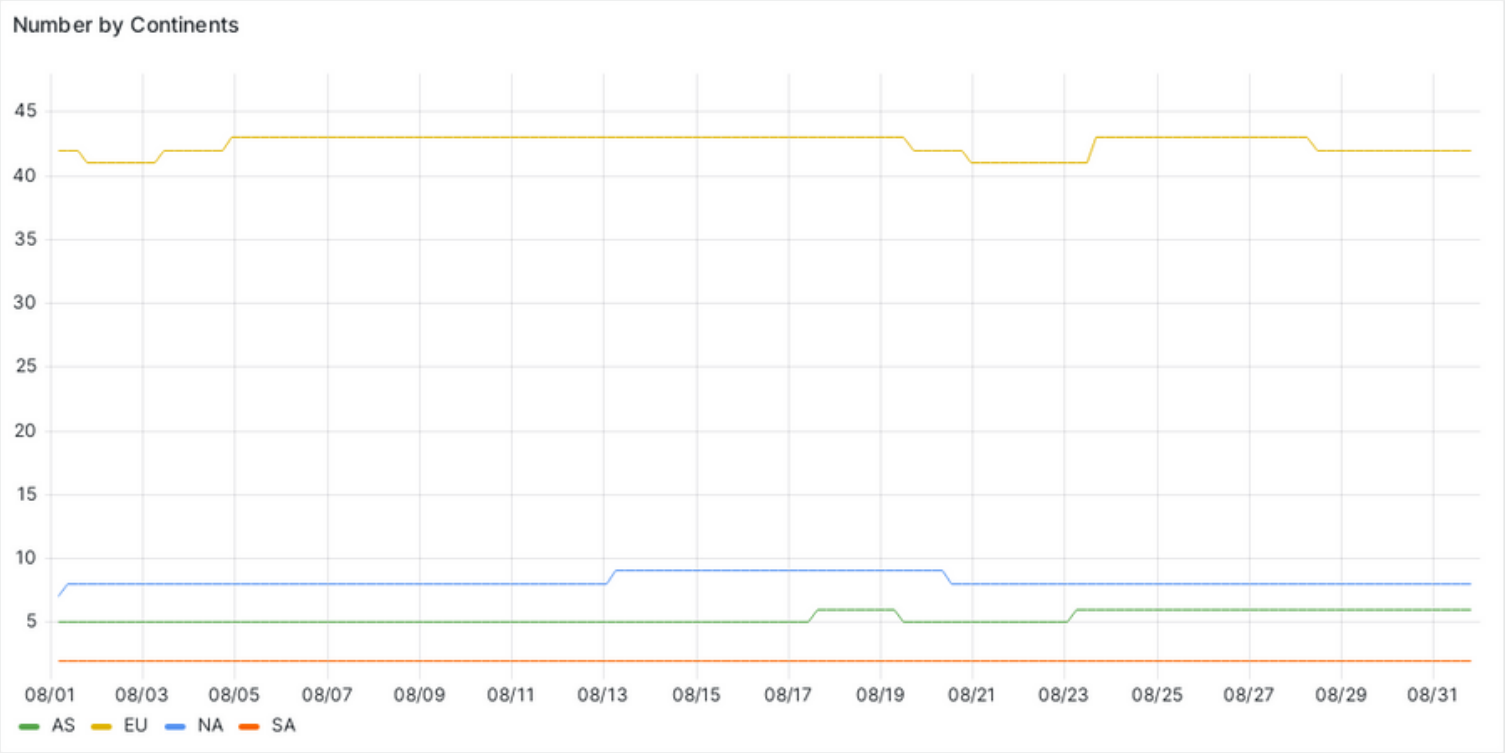




NYM METRICS

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





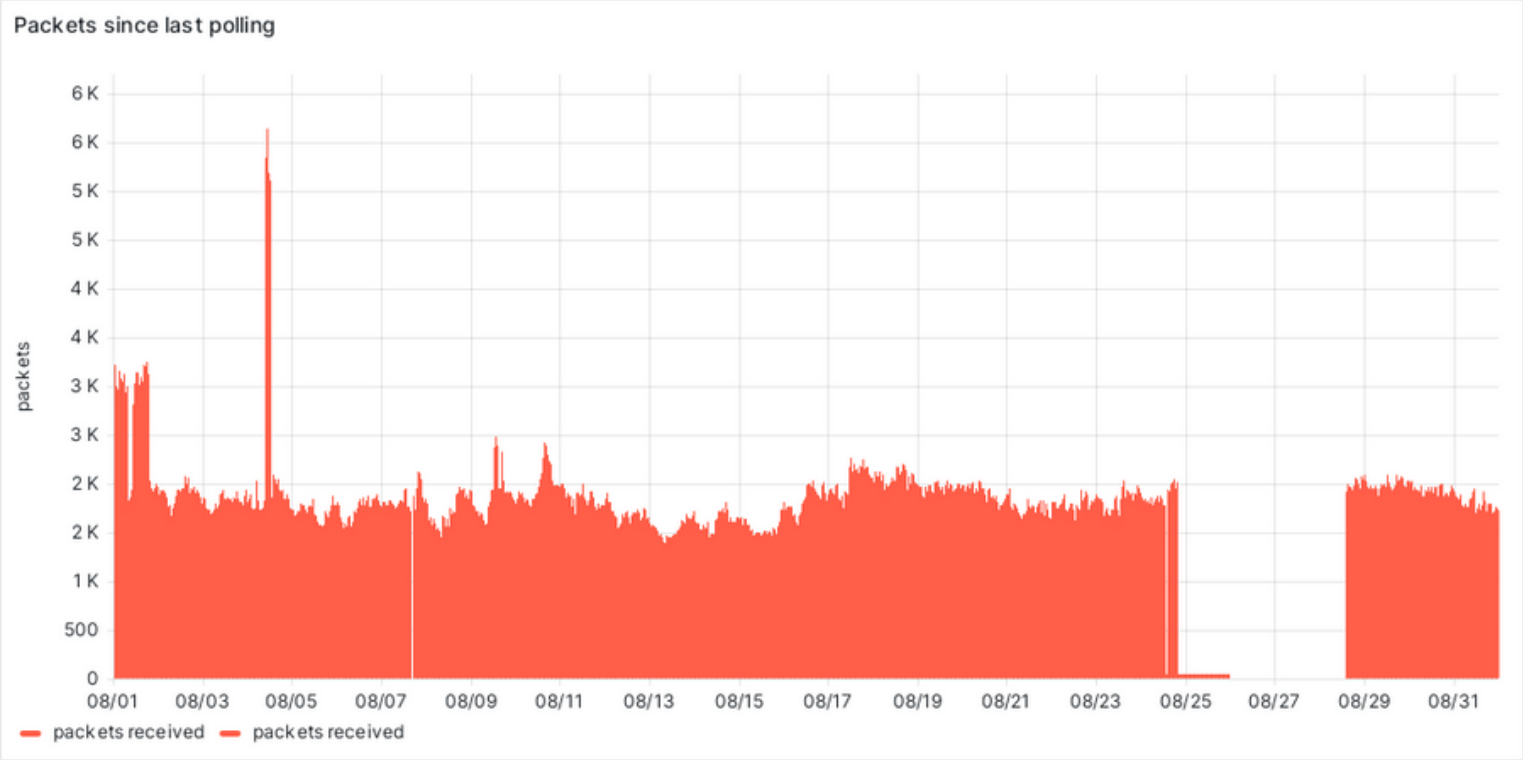
For more details about the metrics related to the Nym Mixnet, do not hesitate to consult our grafana:

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

NTV METRICS

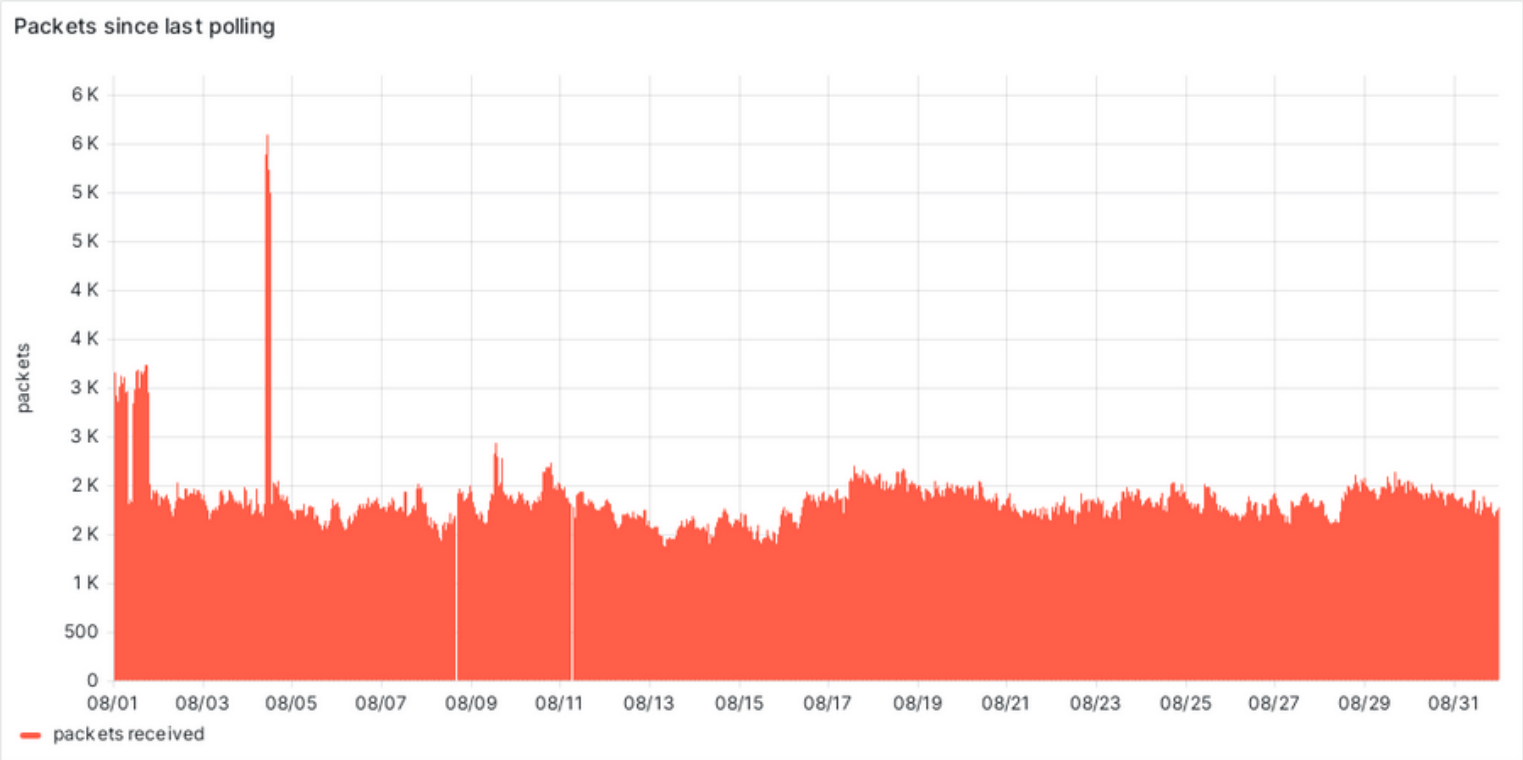
Let's go to the metrics related to No Trust Verify, you will find on this page the evolution of the packets processed by our public mixnodes during the month of August.

NTV1 mixnode (APxUbCmGp4K9qDzvwVADJFNu8S3JV1AJBw7q6bS5KN9E)



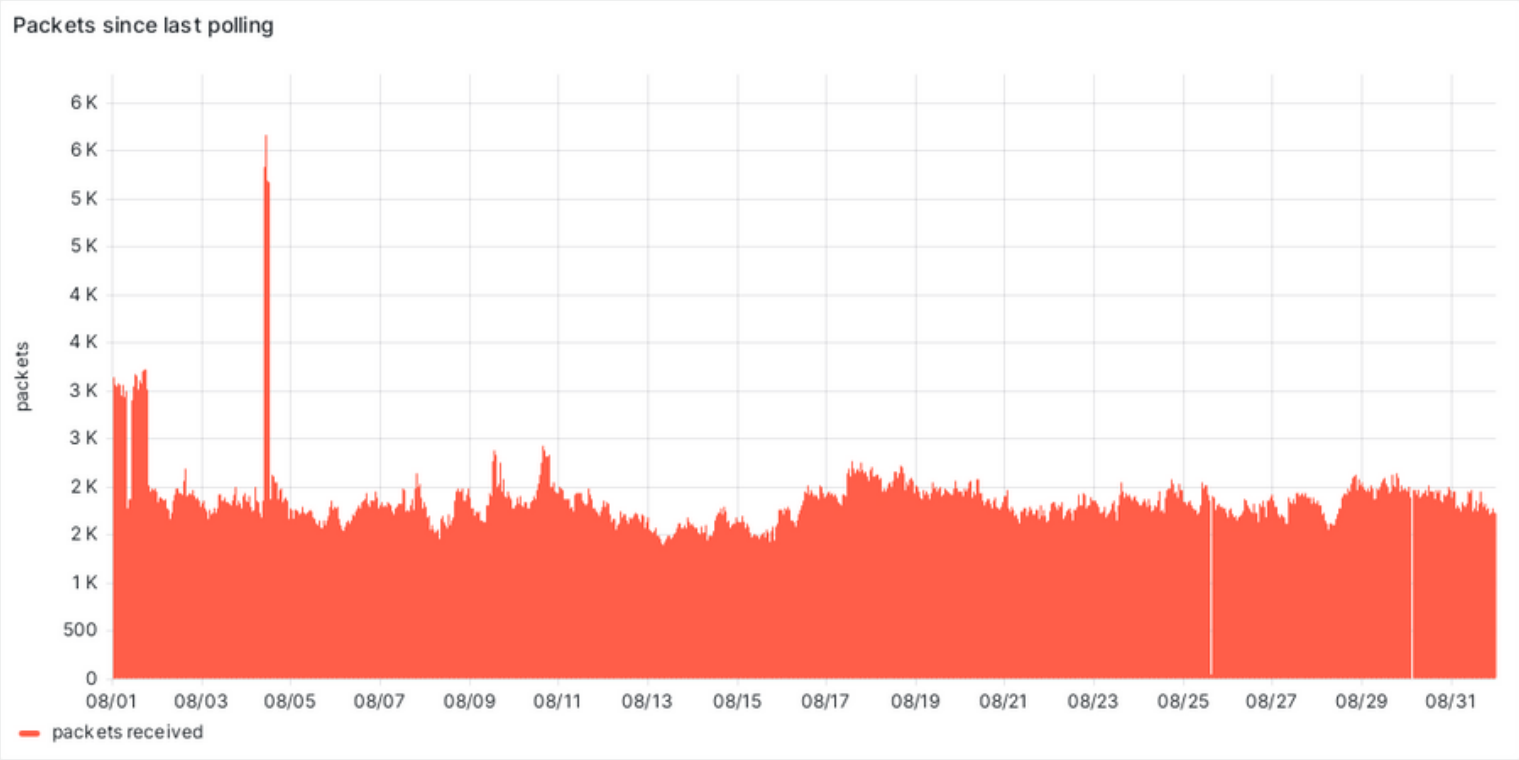
During one day, there was a bug in Nym's wallet that replaced the IP address of the mixnode, so packets were no longer mixed.

NTV2 mixnode (4yRfauFzZnejJhG2FACTVQ7UnYEcFUYw3HzXrmuwLMaR)

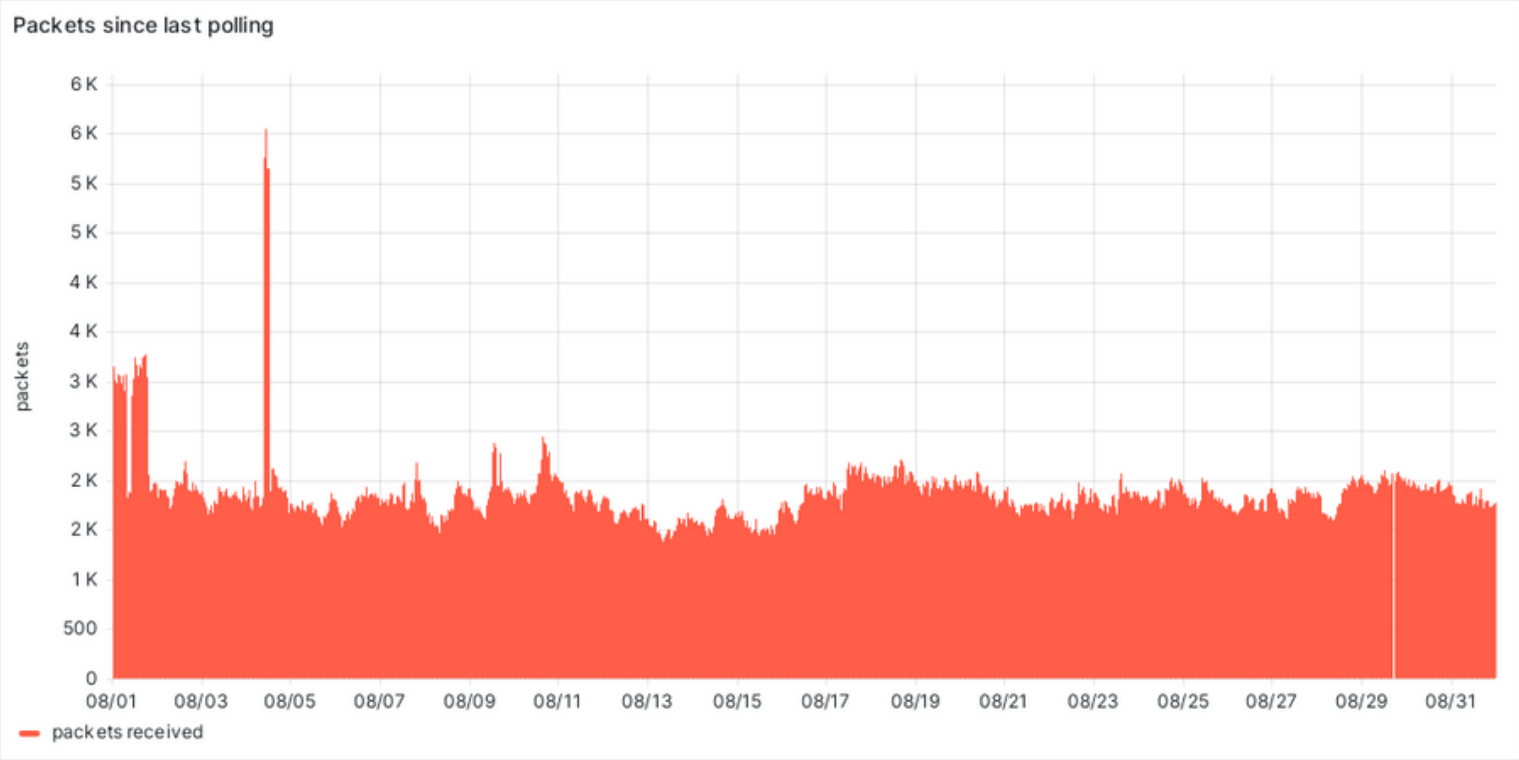


NTV METRICS

NTV3 mixnode (ESPa5xnwZ7BebSX9SGmUbeYgNtkUeJo8PtbBx7JhzEHA)



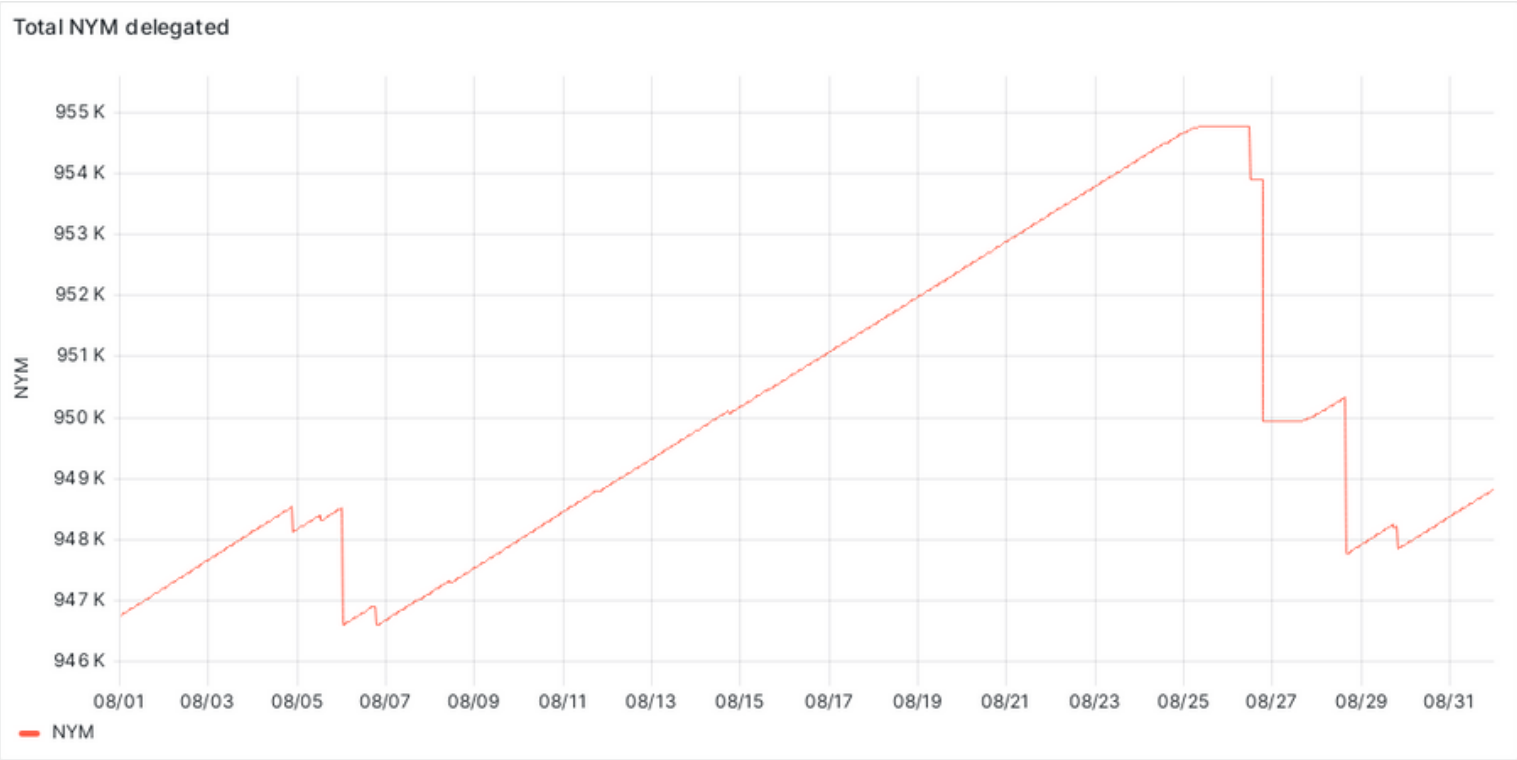
NTV5 mixnode (A6k1q6EPptrGEFnziKkma2pP5r2JW2yp6C7voCWWc1kn)



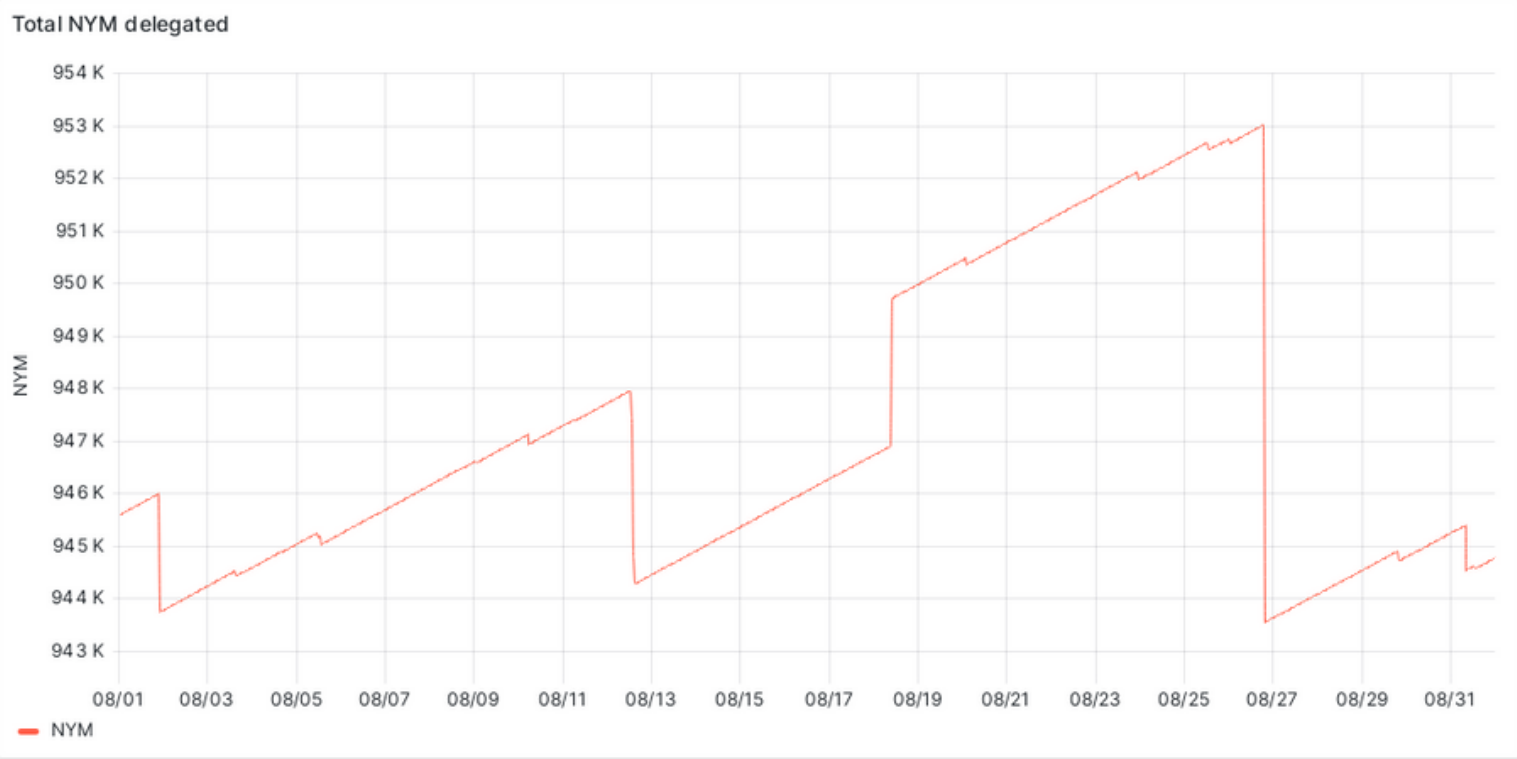
NTV METRICS

We then find, for the same period, the evolution of delegations made on our public mixnodes.

NTV1 mixnode (APxUbCmGp4K9qDzvwVADJFNu8S3JV1AJBw7q6bS5KN9E)

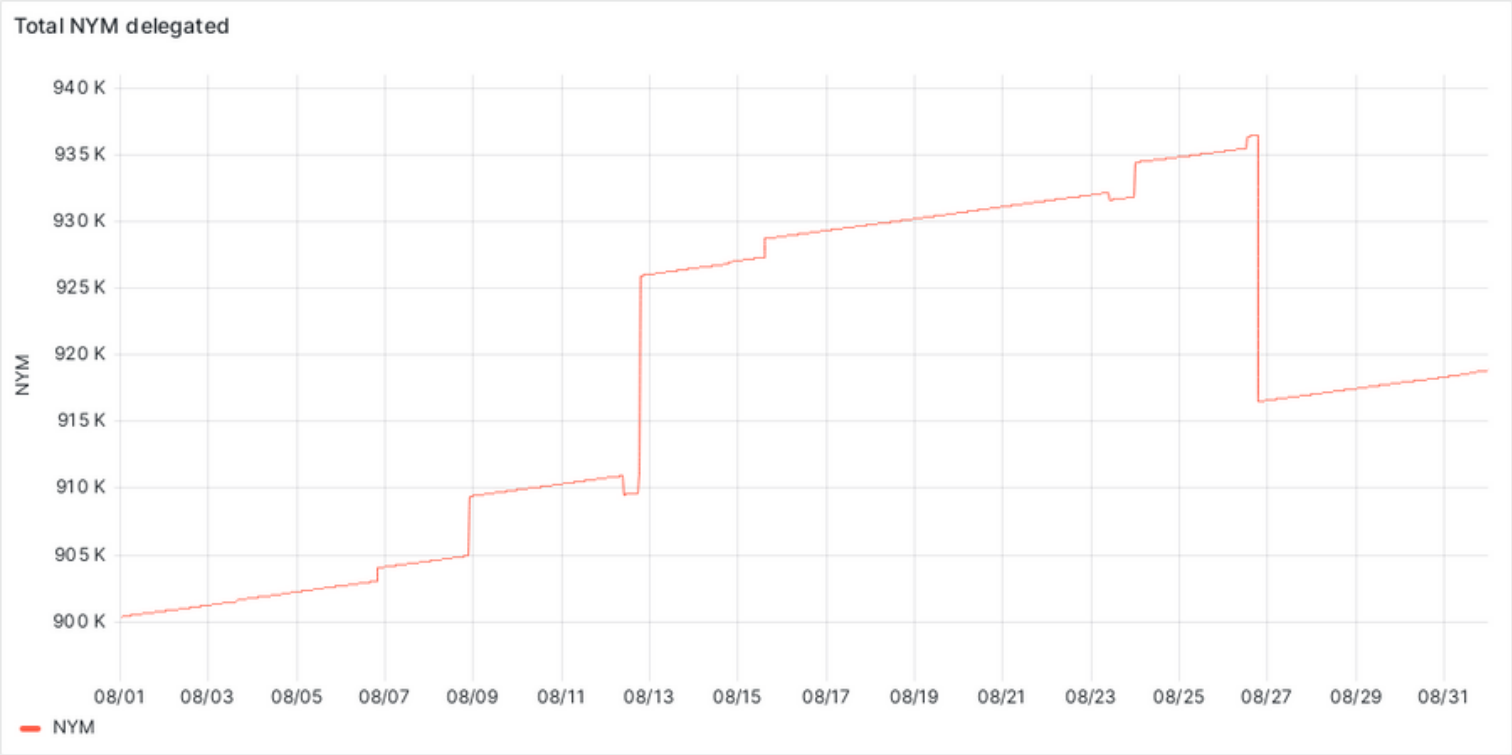


NTV2 mixnode (4yRfauFzZnejJhG2FACTVQ7UnYEcFUYw3HzXrmuwLMaR)

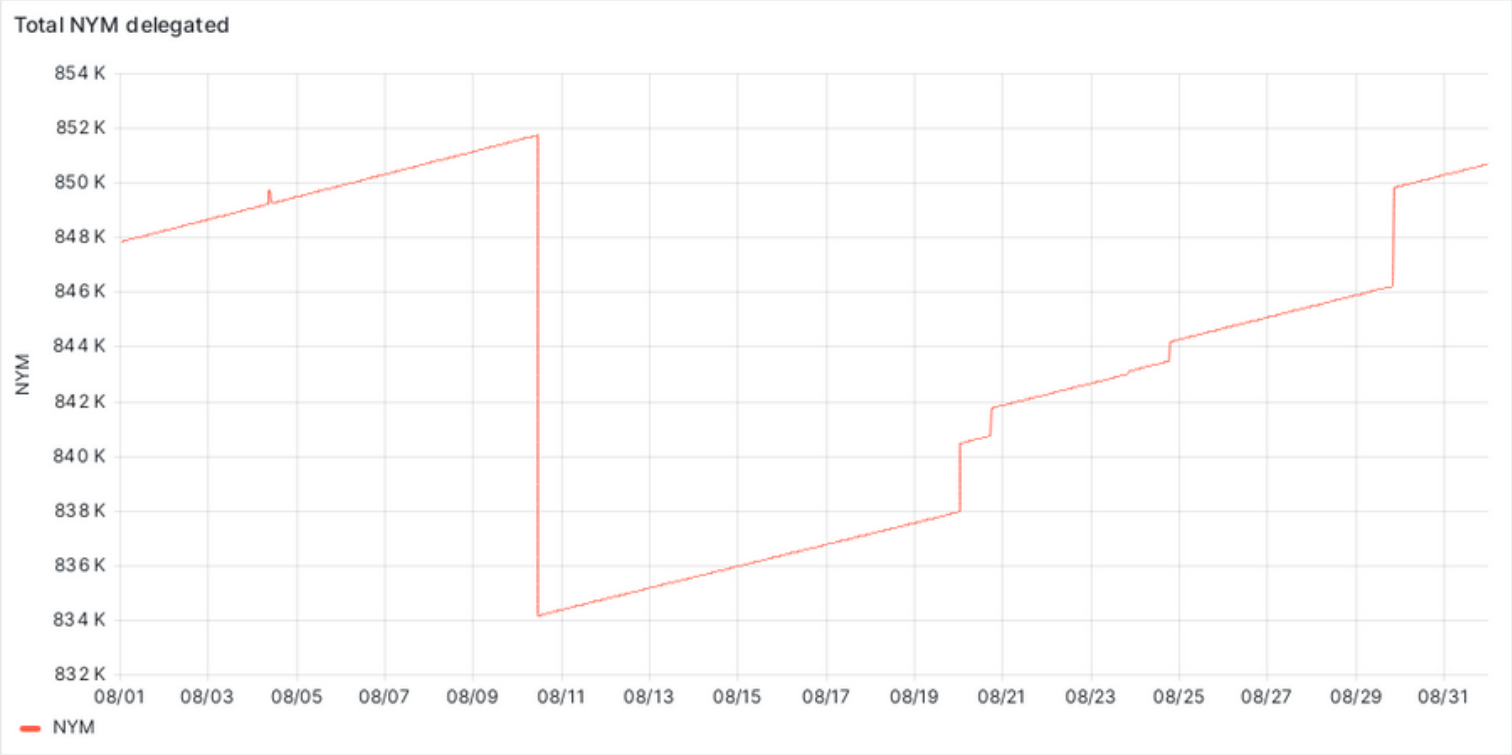


NTV METRICS

NTV3 mixnode (ESPa5xnwZ7BebSX9SGmUbeYgNtkUeJo8PtbBx7JhzEHA)



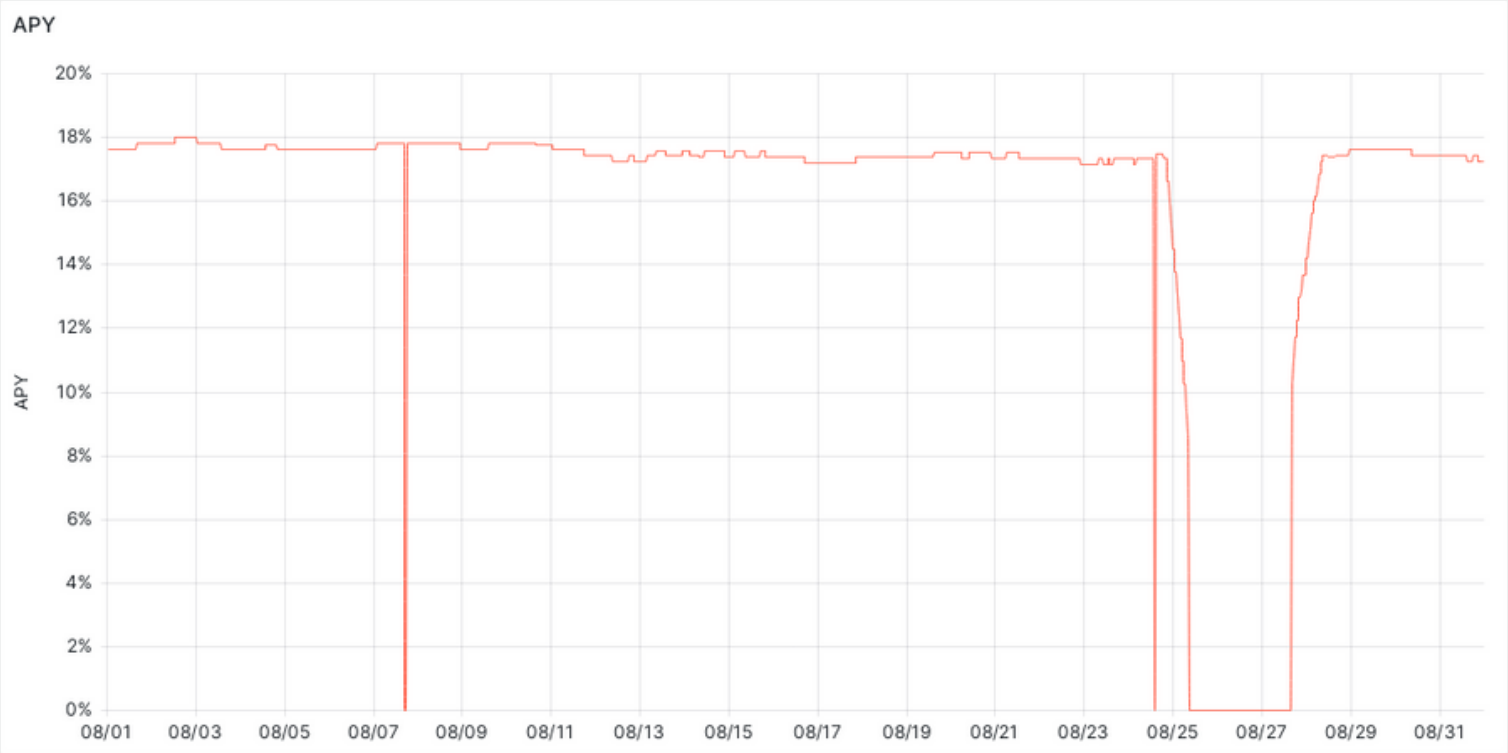
NTV5 mixnode (A6k1q6EPptrGEFnziKkma2pP5r2JW2yp6C7voCWWc1kn)



NTV METRICS

Here are the APY statistics for our public mixnodes. With the change of stake saturation, the APY rate is now on average 17.62%.

NTV1 mixnode (APxUbCmGp4K9qDzvwVADJFNu8S3JV1AJBw7q6bS5KN9E)

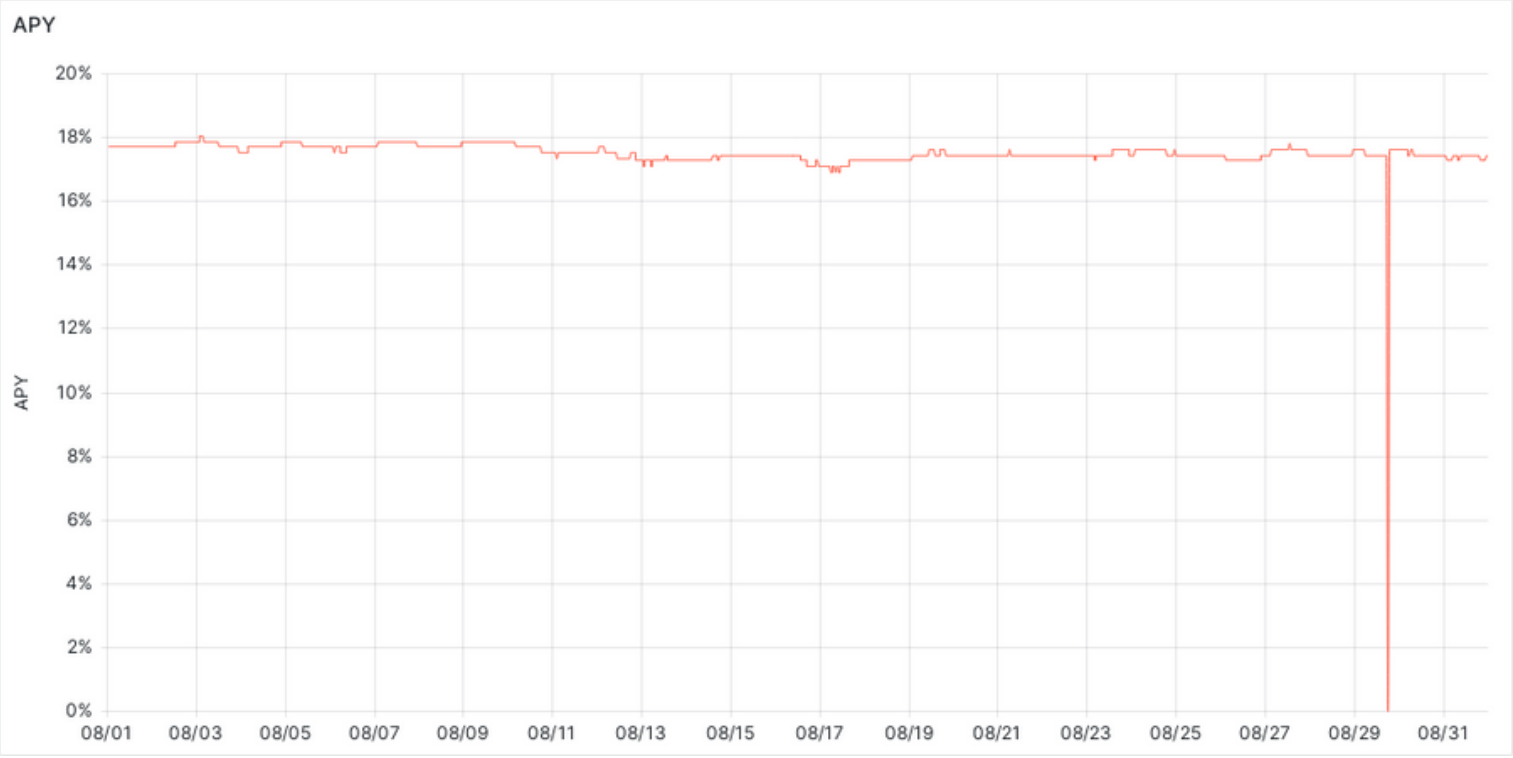


NTV2 mixnode (4yRfauFzZnejJhG2FACTVQ7UnYEcFUYw3HzXrmuwLMaR)

NTV METRICS

NTV3 mixnode (ESPa5xnwZ7BebSX9SGmUbeYgNtkUeJo8PtbBx7JhzEHA)

NTV5 mixnode (A6k1q6EPptrGEFnziKkma2pP5r2JW2yp6C7voCWWc1kn)



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

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