

Maintenance of web3alert.io

Polkadot integration for 12 months

Proponent: 15kWBWSzLywZTUeirwUi8DYzBMKSSMtaCMN3eLee3RXzXZG4 (web3alert.io)

Date: 17.02.2023

Requested DOT: X DOT(Based on day of apply) = 8,856 EUR (based on 7-day average rate by [Coingecko](https://www.coingecko.com/))

Short description: Web3alert.io maintenance costs for Polkadot integration at the rate of 600 EUR/month (+ VAT) for the period from 01.01.2023 to 01.01.2024



Notifications from blockchain to messengers. Instant.

Login with Telegram

Watch video



1. About team

We are a full stack team that has been working with Polkadot for a long time. Part of our team may be familiar to you as members of [Ryabina](https://t.me/Polkadot_Ryabina_bot) validator. We earlier developed https://t.me/Polkadot_Ryabina_bot

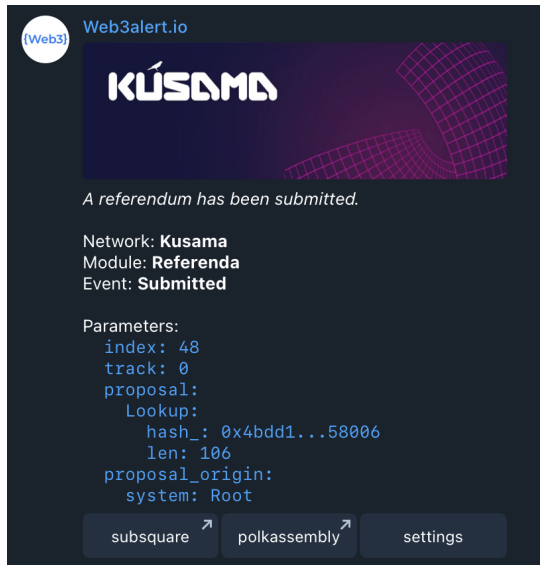
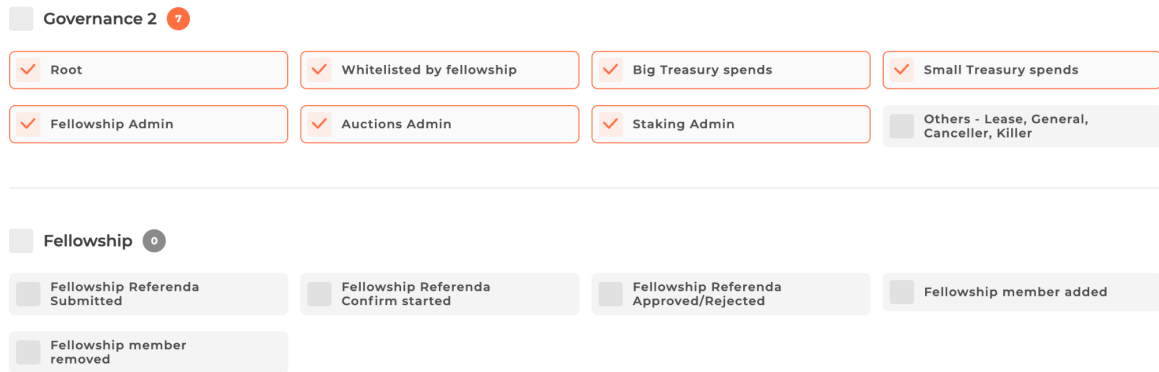
2. What we did since last proposals

~6 months ago we received funds for maintenance of Polkadot integration in Web3alert - <https://polkadot.polkassembly.io/treasury/137>

What we did since that:

- **kept back-end updated** for new runtimes
- maintained **high uptime** of service for all 6 months
- added **Slack** as a notifications channel
- prepared **Governance-2** for Polkadot and already deployed on Kusama
 - customized gov2 events to be able to filter by **origin** because there is no origin parameter in original events

- To be able to filter by **origin**, added the ability to filter by **enum**



- added **auto-conversion for substrate addresses** - new or saved addresses are converted into correct format for selected network. This feature decreases the amount of mistakes and makes it easier to use the same wallet in a lot of different Substrate networks.
- started work on **user documentation** to help users new to web3. Here it is: <https://docs.web3alert.io/>

What else is being prepared:

- new design and features to make the subscription process more linear and make user experience better. The work can be tracked at our test stand dev.web3alert.io (it has a separate Telegram bot)
- new custom events for validators and nominators.
- new features to broaden the scope of possible notifications (Including Matrix)

Web3 alert

1. Polkadot

2. Templat... → Democracy and Treasury Eve... →
A motion has been proposed 3 kits

3. Select Filters

4.

1/3 Find a trigger in one of the following categories. [?](#)

Templates Kits of the most common triggers ▼

2/3 Choose a template.

Address Alerts **Democracy and Treasury Events**

3/3 Pick one or several triggers.

☒ A motion has been proposed ☒ A referendum has begun ☐ A proposal has been Passed ☐ A proposal has been No passed ☐ A proposal has been Canceled

☐ New Treasury Tip ☒ New Treasury proposal ☒ New Bounty proposal

Projects

My alerts

Docs

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Account

3. Context and problem statement of the proposal:

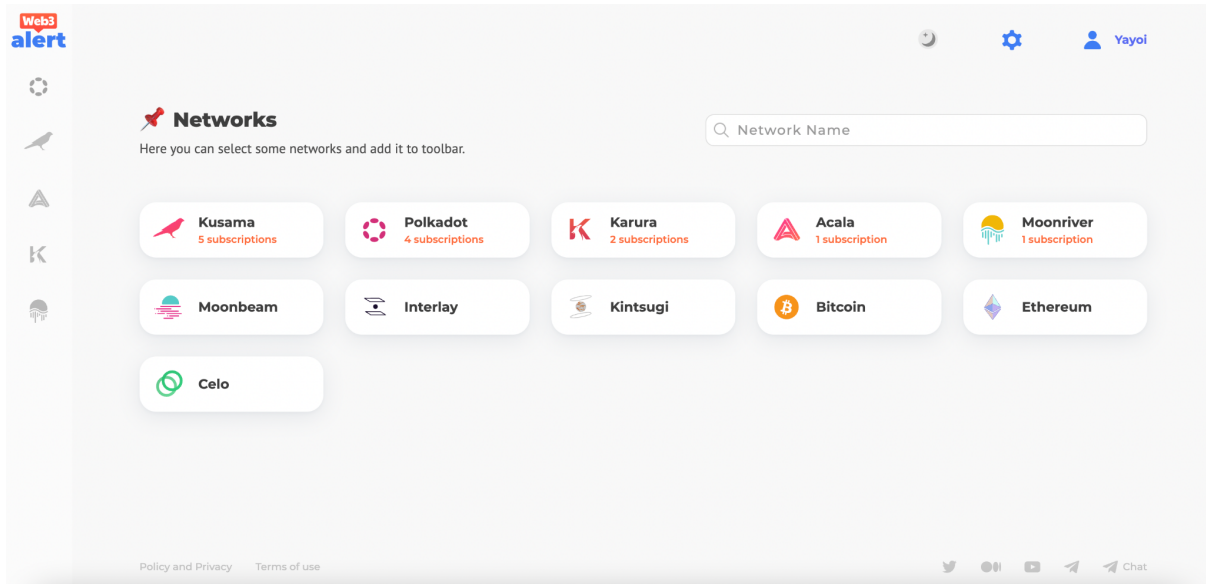
<https://web3alert.io> is a service that listens for events on blockchain networks (including Kusama, Polkadot, some Substrate networks) and sends notifications about them to messengers. At the moment, Web3Alert supports Telegram, Discord and Slack.

Problem 1: *Absence of a unified tool for instant alerts about on-chain events in the substrate ecosystem.*

Web3Alert's goal is to provide Polkadot (Dotsama) users with immediate access to on-chain data. Web3Alert operates across several Substrate-based networks. Despite the differences in the networks, the subscription path is the same.

Problem 2: *High entry threshold for users who want to know what's happening in different networks*

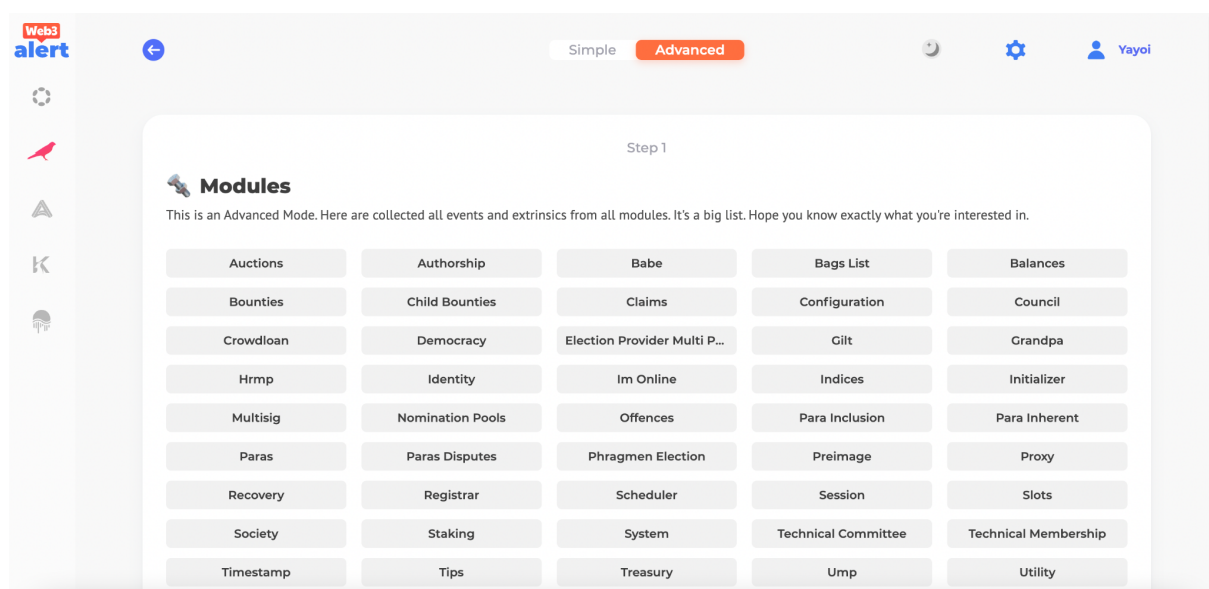
Web3Alert user interface allows users to create and manage subscriptions to on-chain events of different networks in one place.



Problem 3: *Absence of alerting service that fits a wide range of users, from beginners to experienced developers.*

Web3alert allows users to easily set up subscriptions to necessary notifications, and for this purpose, there is already a ready-made tool - Simple mode. There is no need for beginners to dive into the modules, calls and events to set up subscriptions because the most popular and useful ones are already collected here.

In contrast, the Advanced mode allows experienced users to create subscriptions to any event or call which can be useful for specific tasks and situations. All the modules, events, calls and filters: no matter what you need it is there! It can be a significant feature for the networks' developers, as soon as receiving an instant notification about events can save time, reputation and money.



Problem 4: *need to get notifications instantly on your smartphone / tablet / laptop / PC*

Alert messages can be received in Telegram, Discord and Slack (Element in development) - some of the most convenient and thus popular messengers within the crypto community. The alert message contains information about Network, Module, Event happened, as well as other parameters such as addresses or amount (f.e. in transfer alert).

4. Funding

The costs to be covered include the following items the team will work on for the proposal for the next 12 months:

Item	Description
Updating the code base:	• Control of the code relevance and current/future functions compatibility with the latest versions of Polkadot. • Timely update of dependencies. • General development of Polkadot integration - new features, fixes of possible bugs.
Servers and maintenance:	• Development of internal infrastructure and work on stability and high uptime of web3alert - increase of fault tolerance, monitoring improvement. • Fast response to service downtime and possible incidents, including on-chain metadata updates.
Users support:	• Technical support for users and developers using the service. • Work with the community. • Creation of training materials.
TOTAL per month	600.00 EUR
TOTAL for 12 months	7,200.00 EUR
VAT 23%*	1,656.00 EUR
GRAND TOTAL FOR 12 MONTHS	8,856.00 EUR

Please note that we will have to pay VAT 23% **1656 EUR. This is a peculiarity of Portuguese law, arising from the inability to prove the location and legal status of the payer (Polkadot network).*

