Independent monitoring team - cycle #3

The team provides development of the Centurion ecosystem which monitors dAPIs on supported chains as well as support for the API3 technical documentation. There is only one team member for this cycle.

Period: March 1st, 2024 - May 31st, 2024
Cycle: #3
Amount: 20,915.00 (USDC)
Destination: 0xBd94c3F81CC8d5a993908270103639C8a0E9F0aA *

* The destination is a wallet managed by Warren

Responsibilities

Centurion ecosystem

The monitoring of data feeds has become an important task. Inaccurate values of data feeds, and the supporting infrastructure behind them, would reflect poorly on API3. This proposal funds the expansion of the Centurion ecosystem.

API3 technical documentation

This proposal funds management of the docs, facilitates framework changes, as well as content corrections and additions.

Proposal parameters

Target contract address (USDC):
0xA0b86991c6218b36c1d19D4a2e9Eb0cE3606eB48

Target contract signature:
transfer(address,uint256)

Parameters:
["0xBd94c3F81CC8d5a993908270103639C8a0E9F0aA","20915000000"]

Budget

Line item	Amount USDC
Grants	21,696
Expenses	411
Cycle total	22,107
Overhead 3%	663
Carryover from previous cycles	-1,855
Proposal amount	20,915

Grants

Name	Role	Basis	Amount USDC
Warren	Development	FT	7,232/mo **

** US-based contributor. 13% extra liabilities included. This is an "anticipated increase" by the vendor. If the increase does not take effect in cycle #3 the extra 1% will be carried over to reduce expenses in cycle #4.

Expenses

There are expenses to support the docs and the Centurion ecosystem for staging and production environments. These include hosting for Node.js backends and PostgreSQL databases. Note that the backend hosting costs could increase depending on the growth of deployed data feeds and supported chains.

Service	Cost	Cycle total
Backend hosting	$39 per month	$117
Database hosting	$98 per month	$294

Overhead

Some overhead related to hosting services is needed to protect from charges that are often not understood or disclosed by providers and possible acceleration of development milestones. Unused funds will be carried over to future proposals and reduce the ask for future expense needs.

Carryover

Amount forwarded from cycle #2: 1,855 (USDC).

Deliverables

Centurion ecosystem

- Move to a more Opsgenie centric UI for monitoring staff
- Make the Centurion app an informational platform in support of Opsgenie
- Continue to improve Opsgenie alert integrations
- Continue to improve alert groups for deduplication of Opsgenie alerts
- Provide Opsgenie instructions into the Centurion app for monitoring staff
- Improve performance of some sync workers
- Pull dAPI data and parameters from AirseekerRegistry
- Improve escalation policies and escalation follow-ups
- Automate a daily alert summary report
- CI improvements

API3 technical documentation

- Update Vitepress framework as releases are posted
- Maintain and create Vue components for VitePress as needed
- Internal developer content contributions
- PRs and deployments
- Phase 2.1 documentation
- Manage theming changes