AVS MicroHacks Hackathon

Season 1 May 27 - June 17 2024

AVS MicroHacks are mini-hackathons targeted at specific focus areas.

The first AVS MicroHacks starts now and is focused on making AVS development easier and more approachable for developers from all backgrounds.

Season 1 of AVS MicroHacks will last 21 days with 50,000.00 in prizes, lasting from May 27 2024 to June 17 2024.

All participants with qualifying entries will also receive EigenLayer swag packs .

2 individual winners will also receive an all expenses paid trip to ETHCC in Brussels.

Sign up to participate: https://avsmicrohacks.eigenlayer.xyz .

About

AVS MicroHacks are mini-hackathons targeted at specific focus areas.

The first season of MicroHacks will have the following 2 tracks and prize pools:

Track 1 - AVS Reference Architectures and tooling

- First prize 12.500 USDC plus 1 ticket and trip to ETHCC, dinner with team
- Second prize 7,500 USDC
- Third prize 5,000 USDC
- Fourth prize 2,500 USDC
- Fifth prize 2,500 USDC

To be eligible, you must open source your code and share your project on X and / or Farcaster or Lens.

Ideas

This track will be focused on building example AVSs, reference architectures that other developers can use to build out their own custom AVSs, or any tooling that makes building AVSs easier.

Anything that accomplished the above objective is eligible, but if you're looking for ideas here are a few:

Reference architectures in Go, Rust, or TypeScript/JavaScript

1. More advanced "Hello worlds"
2. Oracles
3. Off-chain data verification (i.e. sports scores or election data)
4. Coprocessors
5. AI execution
6. Databases
7. IPFS pinning
8. Permanent file storage
9. Data archival
10. FHE
11. Execution environments

Developer tooling

1. SDKs
2. CLIs and scaffolding tools
3. Services

Track 1 juding criteria

1. Documentation - the better the documentation the higher the score.
2. Code quality - well organized and readable code will score higher.
3. Extensibility - how easy can a developer use this to build out their own idea?
4. DX - does the project provide a high quality developer experience?

2. AVS Education Hackathon - Tutorials, videos, & guides on EigenLayer AVSs

- First prize 7,500 USDC plus 1 ticket and trip to ETHCC, dinner with team
- Second prize 5,000 USDC
- Third prize 2,500 USDC
- Fourth prize 2,500 USDC
- Fifth prize 2,500 USDC

This track is focused on educating developers on all things AVSs - technical deep dives, how to build them, and how to use them. Including education about AVSs already live on mainnet.

Submissions can be in the form of a video, blog post, social media post, or really any publicly viewable digital content.

To be eligible, you must share your work on X and / or Farcaster / Lens.

Track 2 juding criteria

1. Accuracy: Information provided should be factually correct and well-researched.
2. Clarity: Concepts should be explained clearly and concisely, avoiding unnecessary jargon.
3. Depth: The material should cover the topic thoroughly, providing enough detail to be informative.
4. Relevance: The content should be relevant to the target audience and meet their learning needs.
5. Engagement: The material should be engaging and hold the audience's attention.
6. Practicality: The content should offer practical insights, tips, or steps that the audience can apply.

Key Dates:

- Kickoff: May 27
- Submission Deadline: June 17
- Winners announced: June 21

How it works

1. Sign up to participate in the hackathon
2. Next you will receive an email confirmation.
3. You'll be invited to a private Telegram group with other Season 1 hackers and EigenLayer team members to help answer any questions along the way.
4. Submit your project[here](here)
5. by 23:59 UTC+14:00 on June 17. You should receive a confirmation email that your project was submitted successfully. If you do not receive this email, reach out to a moderator on Telegram to confirm your project has successfully been submitted.
6. You will be notified directly if you have won a prize. Project winners will also be announced on social media by June 24.
7. Swag will be shipped to you within 60 days of the end of the hackathon.

Stay updated by coming back to this page or by following @buildoneigen .

Additional learning resources for hackers available at https://github.com/Layr-Labs/awesome-avs .

Hackathon Terms of Service are available here . Previous APIs and Dashboards