

Meeting Info

- [5 October, 2023, 15:30 UTC](#)
- Duration: 90 minutes
- Recording: <https://youtu.be/NKx5u30-zmc>
- Zoom: [Launch Meeting - Zoom](#)

Agenda

- Deneb updates
- spec updates
- spec release on the way
- spec release on the way
- implementation updates
- latest on flashbots stack
- latest on flashbots stack
- testing efforts
- devnet-9 testing (mev-flood supports blobs?)
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- spec updates
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- implementation updates
- latest on flashbots stack
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- testing efforts
- devnet-9 testing (mev-flood supports blobs?)
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- Ecosystem updates
- optimistic relay
- relay funding
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- Open questions / proposals

Call notes:

00:19:46 stokes: [MEV-Boost Community Call #6 - 5 October 2023](#)

00:21:15 shana: boost: [GitHub - flashbots/mev-boost at develop-deneb](#)

Relay: [GitHub - flashbots/mev-boost-relay at deneb](#)

builder: [GitHub - flashbots/builder at deneb](#)

00:22:24 Chris Hager: Reacted to "boost: <https://github.com>..." with

00:22:44 Chris Hager: [GitHub - flashbots/mev-flood: simulates MEV activity from an array of unique searchers; used for testing infra](#)

00:25:31 Chris Hager: thanks matt for specifically mentioning!

00:27:06 parithosh: We also have local testing tools to help dev more quickly, please have a look at kurtosis. We'll also link the fork versions

00:27:07 Barnabas Busa: dencun-devnet-9.ethpandaops.io

00:27:12 Ben | bloXroute: Reacted to "dencun-devnet-9.ethpandaops.io" with

00:27:29 Barnabas Busa: <https://github.com/ethpandaops/dencun-testnet/blob/master/network-configs/devnet-9/config.yaml>

00:27:32 parithosh: [GitHub - kurtosis-tech/ethereum-package: A Kurtosis package that deploys a private, portable, and modular Ethereum devnet](#)

00:27:40 Roman Krasiuk: Reacted to "[k \(k\) · GitHub](#)..." with

00:28:06 Ben | bloXroute: Reacted to "[k \(k\) · GitHub](#)..." with

00:34:39 Toni Wahrstaetter: A bids 100 ETH, B bids 80 ETH, Relay relays 81 ETH, 19 ETH to distribute between relay and builder

00:35:27 mikeneuder: Reacted to "A bids 100 ETH, B bi..." with

00:35:29 Max: Reacted to "A bids 100 ETH, B bi..." with

00:36:10 Lukasz: And how relays would sync clocks between each other? As it looks like it's being possible to just supply both bids close

00:36:36 dmarz: Reacted to "A bids 100 ETH, B bi..." with

00:38:26 Eric Siu: Reacted to "A bids 100 ETH, B bi..." with

00:38:27 Eric Siu: Removed a reaction from "A bids 100 ETH, B bi..."

00:38:29 Eric Siu: Reacted to "A bids 100 ETH, B bi..." with

00:39:04 Lukasz: It would not be the same block anymore

00:39:09 Lukasz: Different hash

00:39:19 Ben | bloXroute: Reacted to "Different hash" with

00:41:33 mikeneuder: but if the other relays don't propagate it, who cares? it is published on the p2p and people will attest to it

00:42:31 mikeneuder: but proposer cant equivocate

00:43:26 Lukasz: Every block in that becomes unique, and incomparable to each other, +1 to what Uri says

00:46:46 Toni Wahrstaetter: As a builder, I bid 100 ETH to relay X. The 2nd best bid at relay X is 80 ETH. Relay X offers 81 ETH to proposer. Relay Y gets a block with 82 ETH. I lose although I was fine paying 100 ETH. Is that risk worth the kick-back? I guess this very much depends on the reliability (and safety buffers) of the heuristics used?

00:47:11 mikeneuder: Reacted to "As a builder, I bid ..." with

00:47:13 Roman Krasiuk: Reacted to "As a builder, I bid ..." with

00:47:50 Sogol Malek: Reacted to "As a builder, I bid ..." with

00:48:34 Uri | bloXroute: Reacted to "As a builder, I bid ..." with

00:51:11 Uri | bloXroute: I am very much in favor of this experiment

Will think more about it

00:51:40 Yuki | Fenbushi: Reacted to I am very much in fa... with "

”

00:51:59 Yuki | Fenbushi: Reacted to As a builder, I bid ... with “

”

00:52:44 mikeneuder: “builder api” is proposer to relay interaction fyi

00:55:57 chirag-bgh: Reacted to ““builder api” is...” with

00:56:10 Sogol Malek: Reacted to ““builder api” is pro...” with

00:56:16 Toni Wahrstaetter: Having two block hashes, the original and the altered in the payload delivered endpoint would be nice

00:56:39 Justin Drake: Reacted to “Having two block has...” with

01:02:21 Matt shams(Anis): is this funding is open for all to contribute to pbs guild?

01:02:34 tina2: yes!

01:02:38 Matt shams(Anis): Reacted to “yes!” with

01:03:35 Yuki | Fenbushi: Reacted to yes! with “

”

01:03:53 Uri | bloXroute:

Matt

01:04:01 Yuki | Fenbushi:

01:06:55 dmarz: blob registrations ever?

01:07:41 Max: Reacted to “blob registrations e...” with

01:07:43 Yuki | Fenbushi: Reacted to blob registrations e... with “

”

01:07:45 Yash Atreya: Reacted to “blob registrations e...” with

01:08:14 mikeneuder: Reacted to “blob registrations e...” with

01:08:28 Yuki | Fenbushi: Relay consensus

01:08:33 mikeneuder: Reacted to “Relay consensus” with

01:08:42 Yuki | Fenbushi: Reacted to Relay consensus with “

”

01:08:44 Yuki | Fenbushi: Removed a

reaction from “Relay consensus”

01:10:32 Lukasz: Replying to “Relay consensus”

[Realigning block building incentives and responsibilities - Block Negotiation Layer - Block proposer - Ethereum Research](#)

01:11:19 Yuki | Fenbushi: Reacted to <https://ethresear.ch>... with “

”

01:11:30 Yuki | Fenbushi: Replying to “Relay consensus”

01:11:52 mikeneuder: Replying to “Relay consensus”

@Lukasz

the number on this is wild

01:12:08 dmarz: Reacted to “@Lukasz

the number o..." with

01:12:45 Lukasz: Replying to "Relay consensus"

It took a lot of posting and deleting to get this one ! (Joke
)

01:13:00 Yuki | Fenbushi: Replying to "Relay consensus"

Eye workout it is

01:13:36 Sajida Zouarhi: Reacted to "@Lukasz

the number o..." with

01:13:46 Sajida Zouarhi: Reacted to "Having two block has..." with

01:14:03 stokes: +1 nanos

01:14:11 Ben | bloXroute: Daily timestamps

01:14:21 Justin Drake: Reacted to "Daily timestamps" with

01:14:48 Lukasz: Replying to "Daily timestamps"

I think just a current fork

01:16:20 austonst: mev-boost-relay may not update the registrations in its db even when it receives a registration with a newer timestamp, as long as nothing else has changed (gas limit, fee recipient)

01:17:08 Potuz: prysm had what issue?

01:17:13 terence: timestamp

01:17:23 terence: I think it's fixed

01:17:29 Potuz: gas limit

01:17:33 austonst: Replying to "mev-boost-relay may ..."

i.e. timestamps only update if the fee recipient or gas limit change.