📝 Notes

Mar 19, 2025

Greenpill Multisig Workshop

Invited Afolabi Aiyeloja mattycompost@gmail.com

Attachments Greenpill Multisig Workshop

Greenpill Multisig Workshop - 2025/03/19 01:41 PDT - Transcript

Meeting records Transcript Recording

Summary

Afolabi Aiyeloja led a Gnosis Safe workshop covering its core functionalities, multi-chain deployment, security features (including transaction simulation and address book use), and integrations with various platforms like Privy, Hats Protocol, and Charverse. Participants, including Amio, Athus Linhares, Coi groweco, Matt Strachman, and Vinicius Braz Rocha, discussed using Gnosis Safe for Web3 ecosystem funding and governance, troubleshooting issues, and best practices for multisig management and ENS integration. Next steps include Afolabi Aiyeloja and the Safe team providing additional materials and coordinating with Wasabi for onboarding sessions, focusing on improving documentation and support for GG23 grant applications.

Details

- **Meeting Overview:** Afolabi Aiyeloja led a workshop on Gnosis Safe, covering its core aspects, multi-chain deployment, security features, and integrations (00:02:01). They discussed using Safe for funding and governance in various Web3 ecosystems (00:14:16) (00:17:25).
- **Gnosis Safe Fundamentals:** Afolabi Aiyeloja explained that Gnosis Safe is an on-chain smart account, offering enhanced security through multi-signature control (00:07:45). They highlighted features like proposers (allowing transaction

suggestions without signer rights) and the new Safe Transaction Service (a transaction processor network) (00:08:44).

- **Multi-Chain Safes:** The workshop focused on deploying and managing multi-chain Gnosis Safes, emphasizing their utility for receiving funds across different blockchains (00:10:01). Afolabi Aiyeloja showed how to create and activate a multi-chain safe, highlighting the ability to add networks one at a time (00:22:18) (00:29:56).
- **Security Considerations:** Afolabi Aiyeloja stressed the importance of security practices when using Gnosis Safe, including transaction simulation and utilizing the address book feature. They mentioned a past security incident related to the front-end UI, emphasizing careful review of transactions before signing (00:11:02).
- **Address Book and ENS:** Afolabi Aiyeloja explained the use of the local address book feature for managing contacts within the Gnosis Safe wallet UI. They noted that if a user has an ENS name, the wallet will automatically resolve it (00:25:07).
- **Gnosis Safe in Web3 Ecosystems:** The workshop detailed how Gnosis Safe is used in various grant ecosystems (Giveth, Gitcoin, Octant) and the benefits of using a multisig wallet for funding and governance (00:14:16). Coi groweco added that multisigs signal greater project transparency and security (00:16:35).
- **Integrating ENS with Gnosis Safe:** Amio asked about connecting an ENS name to a Gnosis Safe. Afolabi Aiyeloja indicated this was possible but suggested addressing it during the technical support session (00:18:51).
- **Connecting Gnosis Safe to Platforms:** Amio inquired about connecting a Gnosis Safe to platforms like Karma Gap. Afolabi Aiyeloja stated this would be discussed during the technical support portion of the workshop due to needing to share browser extensions (00:20:00).
- **Creating a Gnosis Safe:** The workshop provided a step-by-step walkthrough of creating a Gnosis Safe, including selecting chains, adding signers, setting the threshold, and activating the safe on each network (00:21:03) (00:23:57). Afolabi Aiyeloja noted that adding chains later requires activating the safe on each new network (00:29:56).
- **Sponsored Transactions:** Afolabi Aiyeloja explained that some chains (e.g., Base, Optimism) sponsor transactions for activating Gnosis Safes, reducing costs for users (00:27:13).

- **Gnosis Safe Integrations:** Afolabi Aiyeloja showcased several integrations, including CSV airdrops, account abstraction using Privy, and the automated signer management features of Hats Protocol (00:37:48) (00:41:18). They highlighted the use of Privy for creating and managing smart wallets for applications (00:43:52).
- **Hats Protocol Integration:** Afolabi Aiyeloja discussed the Hats Protocol integration for automated signer management in Gnosis Safes, showing how to configure council members and their requirements (00:47:04). They noted this is a paid feature of Hats Pro (00:50:51).
- **Transaction Details and Notes:** Athus Linhares raised a question about adding transaction details. Afolabi Aiyeloja explained that users could add notes to transactions for public record, or maintain private transaction details off-chain (00:53:32).
- **Charverse Integration:** The workshop highlighted the Charverse integration for automated bounty payouts from a Gnosis Safe, demonstrating its efficiency in managing payments (00:56:51).
- **Common Chains:** Matt Strachman and Afolabi Aiyeloja discussed the prevalence of Optimism, Arbitrum, and Celestia as common chains for Gnosis Safe usage, with Base gaining popularity (00:32:19).
- **Safe Multisig Transactions and Troubleshooting:** Afolabi Aiyeloja demonstrated how to initiate transactions using a Gnosis Safe multisig wallet, noting a potential bug affecting payment sending. They addressed a question about profile updates, clarifying that the system should automatically save changes (00:59:08). A troubleshooting session followed, addressing participants' issues with their safes and best practices (01:03:03).
- **Reusing Safes for GG23 Grant Rounds:** Afolabi Aiyeloja emphasized the importance of reusing existing multisig wallets across different chains for grant applications, suggesting deploying safes to new networks instead of creating new ones to avoid management complexities (01:00:50). They also encouraged exploring integrations with tools like Hats and Charverse to improve workflow efficiency (01:01:58).
- **Community Support and Resources for GG23:** Vinicius Braz Rocha inquired about Dev Guild support for local projects in Rio for GG23 community rounds (01:03:03). Afolabi Aiyeloja mentioned the limited availability of up-to-date

tutorials on setting up safes for communities, and suggested they would reach out to the Safe team for additional materials and coordinate with Wasabi on onboarding sessions (01:04:50). They also confirmed that using a Safe account for GG23 applications may depend on specific round requirements (01:06:02).

- **ENS Multisig Management:** Afolabi Aiyeloja explained how to manage ENS names with a multisig safe (01:07:05). They recommended initially purchasing an ENS name with an EOA for easier transaction signing, then transferring ownership to the safe while keeping the name pointed to the EOA (01:08:17). They further elaborated on changing ownership and roles within the ENS settings managed by the safe (01:09:27).
- **Meeting Conclusion:** Afolabi Aiyeloja thanked participants for attending the extended session, noting their hope that the meeting would serve as a valuable resource for using safes in the Regen and Web3 spaces (01:10:36).

Suggested next steps

- [ ] Matt Strachman will share links throughout the call and provide a workshop guide with all links and pages shared during the call after the meeting.
- [ ] Afolabi Aiyeloja will cover how to transfer or connect an ENS to a multisig and walk through connecting a safe to Karma Gap in a follow-up session after the meeting.
- [ ] Afolabi Aiyeloja will share a demo and walkthrough video from the Hats team after the meeting.

📖 Transcript

Mar 19, 2025

Greenpill Multisig Workshop - Transcript

00:00:00

Matt Strachman: Yeah. What's up?
Afolabi Aiyeloja: Hey, come on. Come on.
Matt Strachman: Um, did you get the ball up in order or should I spin try and spin something up quick?
Afolabi Aiyeloja: I did it.
Matt Strachman: Okay, cool.
Alex Wick: Hey,
Afolabi Aiyeloja: Hey, morning guys. Morning, Alex.
Alex Wick: morning.
Afolabi Aiyeloja: Hey,
Matt Strachman: Yeah.
Afolabi Aiyeloja: we got a new person. Insta Guy, not sure. Gon happy. Got Eves in the house. King Fisher. We'll give it a couple minutes for people to join. Have a lot of people signed up. Around four people signed up for this. So, we'll see. Okay. So, see if anybody's looking on the register real quick. Okay, we got one new person on the wait list. Let me add that. And that's it. If you Okay, cool. Close that. Hey, how's it going, Gabriel?
Gabriel Novak: Amen.
Afolabi Aiyeloja: No, good. Is this your first uh green poke call or have some other ones?

00:02:01

Gabriel Novak: Yes.
Afolabi Aiyeloja: Yes. Happy to have you here. All right, let me add to the call real quick. Cool. We'll just give it a little bit more time for people to join the call. Now, we got about a couple more minutes and we'll get started. Okay, let me go ahead.
Alex Wick: I,

Afolabi Aiyeloja: Okay, cool. Let's get started. Um, we'll have people hop in as we begin. First part will be mainly intro. So I shouldn't miss anything too important. Um thanks everybody for joining the call. Um this is believe our not sure which workshop probably our fifth or sixth workshop I want to say. Um and this one we're going to focus on multi-igs. Uh given that they're core primitive with in a lot of our communities and power part of uh for one you know tracking funds but also for governance as well. So, well, there's a lot of uh, you know, good information and features we could get into to help make your safe experience better.

00:04:18

Afolabi Aiyeloja: So, let's get started. So, yeah, um, we're going to focus on what you know what safe is, why it's used as a fundamental primitive for in the web3 space. We had talk about deploying safes across multiple chains, how you could make it secure, uh different integrations that are currently being built around it such as the hats protocol and hats pro and then um yeah kind of just dive into any technical support or questions that people have um with safe. All right, cool. So the first part of the call got to do just do a quick overview of uh no safe. I'm going to cover some of its core aspects. I'm going to share some tabs and go through some of the different core functionalities that currently exist with safe and then we'll go into an exercise where I set up a new safe and then I also will update an existing safe to be uh multi-chain. Um so yeah, let's get started. Yeah, and Matt will be dropping links throughout the call. Um and then we'll after the call we'll have a workshop guide that I'll share that has all the links and all the pages shared um throughout.

00:05:31

Afolabi Aiyeloja: Cool. So let's get started. So we got questions.
Alex Wick: Yeah.
Afolabi Aiyeloja: Go
Alex Wick: Yeah.
Afolabi Aiyeloja: for it.
Alex Wick: Before
Afolabi Aiyeloja: Alex
Alex Wick: we start, I've always heard that you're supposed to create any crypto wallets,

not connected to Internet. Is it possible to do that with a safe?
Afolabi Aiyeloja: say any crypto wallet not connected to the internet?
Alex Wick: When you create a crypto while you're supposed to be disconnected from the Internet and preferably actually air gapped to for safety. So that the product easily to set possible with a nose is safe.
Afolabi Aiyeloja: Well, I think because no safe is is basically deploying a smart contract, it inherently will be, you know, onchain and um yeah, I yeah, I would I'm not sure if you could deploy it off chain. Um I do know when you create a new safe multi-chain that you have to activate it. So I do wonder if until you activate it, is it actually being like deployed on chain? So that that might be the phase where it's actually offchain and it's just local to your device before you deploy it.

00:06:29

Afolabi Aiyeloja: But yeah, not too sure on that one. I'm pretty sure. Yeah, but once you deploy it's definitely on chain um because it's a smart account. Um and there's no private key. Yeah. Um so this is Okay, let me get to this slide. Nice great question. Um, I could have been letting some people on the call. I'm not sure if in real time. Let me give me a quick second. Going to add Matt as a host to the call. So, it'll let people in. Okay. Let's see. Bear with me. Cool. Matt, are you able to I'm not sure if it'll update in real time. Hopefully, it does, but hopefully you'll be able to let people into the call going forward. Okay, we'll try rejoining. Hope. Okay, so cool. Let's get started. Um, so first thing I want to share is, uh, you know, the safe global. So, if you're looking to learn what's what is safe, um this is the place to start.

00:07:45

Afolabi Aiyeloja: Um and that kind of comes into Alex's question around what is a safe and like how does it, you know, where is it offchain and onchain? Um it's mainly onchain. Um given that it's a smart account that's being deployed. Um and let's see. Okay. So, we turn to the call. Okay, cool. You're a host now. Awesome. Um so now yeah basically with smart accounts you're basically able to deploy it on chain and then have different EOAs that control that safe. Um so this helps to have more security around funds where you could like you know hold your NFTts different key assets under a multi- signature account to where in order to do transactions to move those funds move those NFTs you need to have multiple signers um and it's the safe kind of uh ecosystem is made up of two things which is safe core that's the protocol those are the contracts that live on chain that you could uh tap into modular things such as a abstraction and stuff of that nature.

00:08:44

Afolabi Aiyeloja: And then the safe wallet which is the UI uh where most people you know use safe and do transactions and stuff of that nature. Um so diving into some of the latest new functionality with safes. Um they recently introduced safet uh just at the end of last year which is um not a blockchain um but a transaction processor network uh that you could use that they're looking to use to more so cons consolidate things and make it easier and make it cheaper to do actions. So, won't dive too deep into this, but this is definitely one of their newer features that they're um pushing. Um, and you know, Matt will share all the the links around it. Another uh feature that you're able to partake in uh safes is you could have proposers. Um, so with proposers, you be able to uh have people that aren't signers on your on your contract. And I'll show what that looks like in the UI. Um, but they're able to propose transactions and that should be very, you know, beneficial for um, people that have like, you know, kind of know what needs to happen maybe around moving funds and projects but aren't signers on the wallet.

00:10:01

Afolabi Aiyeloja: So, it's a great way to um, you know, get people involved and proposing transactions without having to add them as signers and update the threshold. Um and then another feature that which we're really going to focus on in this call is deploying a multi-chain safe. Um so this is a guide that goes over it. Um and now that safes have the ability to have a single address that you can deploy across multiple networks and that's very powerful because a lot of grant applications take you know run on different chains such as optimism, cello, arbitrum and be able to just have one address that you could use to you know for receiving funds and then also for other use cases such as like authoritative purposes such as a council for your community makes it a lot more powerful. Um, and it's relatively new, so I know a lot of people have existing safes, and we'll dive into kind of how you could approach that if you already have existing safes, and how you could try to reuse those safes uh for different uh use cases.

00:11:02

Afolabi Aiyeloja: And uh yeah, Matt will drop this link, but here's a nice article about everything you need to know about chain abstraction um and about the different uh yeah, multi-chain aspects of safe uh going forward. Cool. And then let's see. Um, one thing is around security. I think recently Safe had a um I believe a hack uh from the from their yeah front end UI uh where there's they're able to siphon some funds from a large wallet and some things to do with safe before you do transactions. You're able to simulate transactions. um you're able to kind of look at, you know, use different tools to kind of detect if it is viewed as a good transaction and nothing's bad. Um so definitely when using safe, make sure to tap into the security features. We'll dive into, you know, some of what that looks like from a UI perspective in a little bit, but just with any transaction, just make sure you know what you're signing and uh make sure that yeah, everything's kept safe.

00:12:04

Afolabi Aiyeloja: safes are inherently still safe because you have multiple signers, but still you want to make sure that you're not queuing up any malicious transactions. Um, and another way to help with that is also having they have a address book feature which is a local it's all stays local. It's not something that gets uploaded. Um, but for your local safe wallet UI um on your device, you're able to um add addresses and add different um you know users and people you know so that you're able to when you're doing transactions be able to see the name and have an identifier that makes a lot easier uh to do over time. And then going to dive into um safe real quick. So, this will be kind of a first look and I'll kind of highlight some of the things I just discussed and some of the other new features that they don't really have as much uh material around. Um, so one one thing that's new is you're able to add um notes to uh transactions now. So, it's experimental.

00:13:06

Afolabi Aiyeloja: So, something that they're trying out. Uh but this could be very powerful for things that don't need to be private uh by nature and you want, you know, be able to like kind of track over time and be able to, you know, retrospectively look back and get a sense of what happened. Um and then uh let's see if I go to settings. Oh, let's see. Okay, closing this one. That's fine. So, let's go to settings. Um, you're now able to add proposers. So, currently don't have any, but you could add a proposer such as, you know, this got core at the top. Um, and just say, you know, uh, community payouts or whatever, you know, you'd want to name it. And then you could add that person as a proposer and, um, as well as multi-chain aspects. So, we'll dive in I'll go through a full setup of that in a little bit. Um, but yeah, we'll get we'll get back to that. Uh, let's continue around kind of where safes are being used in like different ecosystems for funding and governance.

00:14:16

Afolabi Aiyeloja: So, one is uh with give. So, if you have a give project, you'll be able to edit and when you're you uh creating it as well, you're able to know put in different addresses to receive funds. Um, back in the day, I think, you know, this last year, typically you would use a EOA because it, you know, EOA's across multiple chains and just made made it easier. Um, and if you did have a couple saves, you'd input them for where, you know, where they are. Now, you could just have one safe, deploy it across multiple networks, and then input, you know, cover all these networks with the same address. Um, and and kind of have that be your grant receiving wallet, your working capital wallet, however you want to set it up. Um, so yeah. So I believe safe covers all EVM chains here. Yeah, Polygon's covered. ZK EVM's covered. Uh I'm not sure about the classic. Um and then we also have Yeah, all these other ones are covered. So pretty powerful for Give and getting donations.

00:15:12

Afolabi Aiyeloja: Then also if you're applying for a Gitcoin grant round, they typically get asked is your payout wallet in NOS is safe? Um which it doesn't have to be, but it's good if it is. And you should select yes. and you could now use the same address doesn't no matter what chain Gitcoin Gitcoin round is being run on. And lastly with Octant they also use um safes uh on mainet as uh yeah how you receive funds and they kind of they check that out to make sure that the your project when you apply is using a safe. Um so

same thing applies here. You could reuse the safe that you use across all your different grant uh ecosystem and uh applications. Um, and then
Coi groweco: Uh
Afolabi Aiyeloja: lastly,
Coi groweco: AFO
Afolabi Aiyeloja: what's
Coi groweco: before you
Afolabi Aiyeloja: Yeah.
Coi groweco: go uh something about like why would we use a mutig right uh on the applications why not use the individual one I think some applications they got stronger because they have mutigs uh so this is something that is open so we can check this information we can see how much signers it has how much funds it has so it's a a pretty good standard for to represent a kind of initial

00:16:35

Afolabi Aiyeloja: Mhm.
Coi groweco: uh governance
Afolabi Aiyeloja: Did
Coi groweco: structure,
Afolabi Aiyeloja: he cut out there
Coi groweco: you know, when you
Afolabi Aiyeloja: or do we lose cord?
Coi groweco: Oh, can you hear me?
Afolabi Aiyeloja: Yeah, I think he cut out for a little like for like a couple
Coi groweco: Yeah,
Afolabi Aiyeloja: seconds.
Coi groweco: I just I just think that it it is a pretty good signaling if you have like already a mute seek for your project and more people deciding the funds. think this is a way
Afolabi Aiyeloja: Mhm.
Coi groweco: you can show that just putting this
Afolabi Aiyeloja: Yeah.
Coi groweco: address there. If people can check.
Afolabi Aiyeloja: Yeah. And that goes back to like Yeah. It's used for both funding and governance. I think like Cory's saying, when you're able to put a multisig and show that multiple people are involved in this project, it does it makes it more powerful in a sense of like, okay, this multiple people controlling the funds. it's not just going to some EOA

that's just being, you know, centrally controlled by a single person.

00:17:25

Afolabi Aiyeloja: Um, and and back in the day, I know people would even share private keys to with EOAs, but that's just not secure. You know, we don't want to do that as well. So, yeah, safes are really the way to go to show um projects and I know some projects are individual based. So, if they are just you're working on a project that makes sense, but you know, most projects we as we know are group based, team based um uh initiatives. So, um, being able to represent that, uh, is, I think, yeah, like Cory said, very powerful. Um, and oh yeah, next was just going to highlight Karma Gap, which also does pulls in um, safe data or uses your safe. So, when you apply for a grant and you put that wallet, so if you put a safe, it's then going to associate that with your Karma profile. Um, so you're able to see here, this is actually one of our safes for the uh, Dev Guild. this one here and um yeah so this kind of used across all the you know emerging brands and impact tracking ecosystem so using I think is very uh powerful and um cool yeah so I'll pause to start that was kind of the overview of safe um go back to the slides right here and um open up for some questions for you know if anybody has questions before diving into setting up a new safe.

00:18:51

Afolabi Aiyeloja: Feel free to just raise your hand or just go ahead and shout something out. Cool. Go for that.
Amio: Jim, I wanted to ask a question. I don't know if it is right to ask at the beginning or maybe at the end because I don't see this in the syllabus on how to transfer or connect an ENS to a motive.
Afolabi Aiyeloja: Oh yeah, that's uh I could I could I think I could cover that. Um yeah, I could go to the ENS and show how that look like um kind of the process.
Amio: Okay.
Afolabi Aiyeloja: Yeah.
Amio: Okay. Okay. Okay. That is that is one and then uh the second question is you know some platforms they they have support for for a safe to be connected. I just want us to have a walk through on how you can connect it just like a camera gap. How you can connect safe to a camera gap, not an EO.

Coi groweco: Is a good? Yeah, I think this is a good suggestion. It's something
Afolabi Aiyeloja: with

00:20:00

Coi groweco: that
Afolabi Aiyeloja: the
Coi groweco: I struggled
Afolabi Aiyeloja: comment that got
Coi groweco: to.
Afolabi Aiyeloja: one. I
Coi groweco: Oh,
Afolabi Aiyeloja: can already
Coi groweco: I think
Afolabi Aiyeloja: ask
Coi groweco: it's just the wrap process that we are doing and maybe a wallet connect to today's two ways to do.
Afolabi Aiyeloja: the last part.
Coi groweco: I'm I said that we can show the happy wallet away and the wallet. Connect way to connect the mute 6 to different platforms. This is something like people doesn't know. How to do?
Afolabi Aiyeloja: I'm not able to do that because it uh I have to share that because I said extension and so I won't be able to share that um in an easy way. I have to update my permission. Yeah. So, I'm not sure if we'll be able to fully cover that, but we'll have a se we're going to have a section after for technical support and to dive into things, breakout rooms. So, I feel like that would be a good time to dive into those things.

00:21:03

Afolabi Aiyeloja: Um, yeah. Any other questions before diving into setting up a safe? Cool. All right. Uh, let's keep it moving. Okay, let's see if the and you guys still see the presentation and everything just to make sure it's all good for you guys. Awesome. Cool. So, yeah, we're going to go through setting up a safe from scratch. Um, how you can configure your signers for posers, selecting different chains, uh, activating them, and then, you know, seeding your multisig with funds to then, you know, do transactions. Um, and then we'll also go through updating an existing safe and what that looks like if you want to add more uh networks. So, let's get started. Um, so the first thing here is uh a link to create um and you could get to this. So, let me see show you guys how you can get to this. So, um see if everything loads. Okay, it looks like I got Let's do a refresh. I got the colors proper.

00:22:18

Afolabi Aiyeloja: There we go. Um, so if you want to create So, it looks reconnect. So, I'm connected. Um, so yeah, basically sign in with whatever wallet you want to sign in with. And then you click create account and then um be able to from there, you know, name it. And we could call this uh test. I mean, you could always rename it. It's uh this is stored locally as you can see here. It's never shared all you know it's not saved anywhere. So we're going to call test multisig. So we got test multisig that works and then um you're able to then see a list of all the chains you can select. So there's a can do nosis polygon and all these were you know give had as well. There's BNB if that's you know arbitum OP base they got some new ones bear chain inc lineia uni chain scroll cello of course mad so well yeah think you know play and they even have some test net so if you were looking to just test things out you could uh deploy to base and uh seapoleia um I think for purposes here let's just do kind of the OG ones we mainly use which are so I'll just do I'll do these four here and then you're able to add different signers um so let's go ahead I'm going to just uh don't worry I'll remove you guys later so this this will just be temporary um let's

00:23:57

Afolabi Aiyeloja: said add Matt and Koi um then set threshold keep it at one just for demo purposes so I don't have to ask Matt of course to sign anything currently. Um, but here's a caveat on somewhere I want to pause on real quick because currently when you deploy another safe multi-chain, so you select you selected this initial set of chains and you have these initial signers once you want to deploy it to other chains um the same signers will be um used across those other chains. So you're not able to. So making sure that the signers initially are good um at least for whatever cadence you know is very important so that you don't um yeah deploy it on another chain and like oh the sign this person is not active like and then have to like remove them and update them and that will happen over you know potentially but being aware of that at the start could help you plan it and structure in a way that's flexible. So you know you could just have a one out of three signers or or low threshold so you can update things very quickly.

00:25:07

Amio: I want you to ask how the wallets they are now prefilled and then registered. How did you do that? I said there are some wallets that you just added and then they they are prefilled and then they are registered with some names. Uh just want to know how you we are able to do that.
Afolabi Aiyeloja: Okay. Yeah, that's because they're my address book. So, um,
Amio: Okay. Okay.
Afolabi Aiyeloja: which I could I will show. Yeah, let's see. I could show it over here. Give me a second. So, I'm going to go to this tab. And so, yeah. So, here you're able to define your address book and associate all the addresses, you know, with, you know, different names and people. So yeah, it's a and all this is locally stored. It's not something it's not being saved on chain. Um I do believe if somebody has an ENS, it'll resolve it. So if you just have the address and you put it in, they have ENS.

00:26:09

Afolabi Aiyeloja: So like it would show a matty compost. Roco. Um but since I have given them actual names and titles, it shows me uh yeah the respective names. But yeah, definitely. Yeah. So definitely make sure like with your address book you you know keep that updated as you do a transaction to somebody you know for the first time add them to the address book. It's pretty easy you could do it within a transaction and then from there have them saved going forward. Um yeah any questions before I deploy this uh yeah create this account. Cool. Um, so yeah, there's a couple things they mentioned, right? You'll need to activate your account separately on each network. Um, and you want to make sure you have funds in those different networks. SAFE does have some sponsored transactions, so they'll cover some of the the costs on different chains for the activating your accounts and hopefully we to look at that. Um, and then yeah, you're able to explore them and uh activ them later to do the transaction.

00:27:13

Afolabi Aiyeloja: So, I'm going to go ahead and click create. Cool. So, it's been created. So, now we have an address that uh you're able to use. Um but in order for it to actually be usable and for other a APIs that pull in safe data, you know, verify you have a safe, you then need to activate it. So, sometimes with, you know, if you have a safe on mainet, you might wait to activate it. if gas is high um and you want to you know kind of save funds um and safe does not sponsor mainet transactions which of course I'm not surprised um but then for example I believe uh with base I believe let's see if they will sponsor this let's see there we go so with base you're able to have a sponsor transaction so you could get off you know started without having to even pay any gas fees so I'm going to go ahead and switch to safe and I'mma activate Okay. So they don't Yeah. So they they sponsor from my usage I've you know I've seen arbitron base and op seem to be sponsored chains which I think you know where a lot of people do things.

00:28:21

Afolabi Aiyeloja: So um it's very beneficial. Um so cool now your account is set and now you can start making transactions. Um so what does that look like? You're able to come to here. could send tokens. Um, of course there's no funds in here. So, uh, let me see this wallet with some funds. So, we're going to send on base. See, I've got some got a little bit of E. connect. Okay. See, give me one second. Um, but while I'm doing that or um well, I think honestly I I could do that do that later. I think I don't want to waste people's time just doing a transaction. Um but yeah, you're able to then do a transaction um and you know send it to whoever once you have some funds in your wallet. Um and then uh if you want to add another network, what does that look like? You would come here, open up this side panel, you click the three dots, and then click add another network.

00:29:56

Afolabi Aiyeloja: And that's then going to give you a list of networks you could deploy to. Um, so let's say, okay, we want to add, um, one on Cello, right? For example, um, I'll do Polygon. Yeah, we could do Cello. I want people to activate it because that's for funds, but you add Cello. I think you could add Mosfold. Oh, only Okay. Only one at a time. So, you're able to then add one at a time. So, that's definitely at the beginning if you could set it up. I think it's, you know, nice to do as many chains that you know you're going to be using for either governance or receiving funds because it just makes it a lot easier over time because adding new networks is uh yeah, one by one process. Um and so yeah, so here you have one on Cello. Let's see if they Yeah, they don't sponsor the gas, which that's a bummer. But um I believe also with uh OP, they cover gas.

00:30:54

Afolabi Aiyeloja: So we get OP real quick. Yeah, OP will sponsor and you get five free transaction. I believe it's per chain. So you get five free transaction per days on OP, five on R, five on Polygon and whatever chains they do uh gas concert transactions. So this one's been activated as well. Um so yeah, we'll pause there. Um and any questions about setting up a safe? Um and yeah the other things I could highlight or show uh in a safe before moving on to integrations. Let's see. Oh, we got some questions in the chat. Let me open that up. Yeah. Um definitely the most common chains used um would be optimism arbitum um and cello is definitely starting to pick up steam and usage for rounds um a lot of community rounds are being run on cello um and then also bass is starting to bass is you know every now and then I'll see some you know rounds run on bass um but yeah I'd say those three chains arbit optimism arbitrum and cello on the main ones.

00:32:19

Afolabi Aiyeloja: I rarely see except for uh Octant. They do their round on mainet, I believe. Um they're the only one that do that, I believe. But yeah, maybe Matt or anybody else could chime in to uh give their thoughts on the the most common chains. I would say those are
Alwyn van Wyk: It's awful.
Matt Strachman: Yeah, I'd agree with that. I was actually so I know two QF rounds ago on Giveth was base. I was actually just going to check where this ENSX octant public goods round is. I wanted to say optimism, but
Afolabi Aiyeloja: Yeah.
Matt Strachman: I probably shouldn't guess and just uh give you an answer once I've confirmed, but yeah, I'd say it's mostly those three and and I'd assume base is going to

become more and more prevalent as well.
Afolabi Aiyeloja: Yeah. Cool. And then um yeah, any any
Coi groweco: Apple,
Afolabi Aiyeloja: uh
Coi groweco: I think one was the globe to the music. I think you can do the Transaction formed.
Afolabi Aiyeloja: Well, I need E. Um well, unless I I could it could be

00:33:28

Coi groweco: USD
Afolabi Aiyeloja: sponsored. If it's a sponsored one, let me What What did you send it on? Is that on base?
Coi groweco: glow on base. I think they don't show
Afolabi Aiyeloja: Okay.
Coi groweco: up on the amount but if you go to assets you can see
Afolabi Aiyeloja: Okay. I think I could do a transaction. uh because uh I could get it sponsored. So, let's see. It does actually show up, which is nice. So, let's go back to this.
Coi groweco: Have we are looking to the presentations just for you to know.
Afolabi Aiyeloja: Yeah. Um
Vinicius Braz Rocha: It's
Afolabi Aiyeloja: this
Vinicius Braz Rocha: it's interesting how uh we don't have a super chain future already and safe right because this is something that is growing and B is part of it right a superchain we don't have a super chain future it would be very interesting to have Gibbs provoke this right this would a very interesting thing because we we could add another chains that would uh sponsor uh the gas gas E2.

00:34:33

Afolabi Aiyeloja: Yeah, that's that's actually that just reminded me about the superchain. wallet that's being it's basically like a safe wallet that's you know that they're using to kind of create accounts and I wonder I feel like there's going to be a lot of updates there I feel like around safes and kind of um super chain and yeah using your chain eco wallet as like your safe across the chain ecosystem and if you have that it'll sponsor on transactions I could definitely see something like that um and yeah I just think it's kind of this waiting and a timing thing um But yeah, I feel like there's something like that coming down the pipeline which uh let me share superchain.co if people haven't seen or aren't aware with it aware about it and then I'll do a test transaction with uh it looks like my computer's running slow because I have so many tabs open to go through this. So I'm going to start closing some tabs. Um, but let me open up, well, let's do the transaction first and then go into the superchain.co.

00:35:45

Afolabi Aiyeloja: Um, so Cory sent me some USD Glow. Um, so I'm able to cue that up and send it back with interest. I'm joking. Um, and then send back $1. And ideally, it should be sponsored. So I could get it sponsored. So you could and here's where you could simulate it, right? Um so simulation successful. Okay, cool. You could even open up, you know, kind of the report. So I'm open that up right here to to look at it. Um, and definitely for like big trans, you know, big transactions, stuff like that, you'd want to, you know, kind of take a look, see, um, and, you know, some of this isn't like fully all, you know, legible and a lot of a lot of data, but you could definitely dive into a sense if you have somebody on your team that's, you know, knows about transactions and stuff like that and you could have them take a look and make sure things look right. Um, could add a note.

00:36:48

Afolabi Aiyeloja: It's going to say thanks for the glow and then you can execute it. So, um yeah, got it sponsored. So, that's nice. Um I would have that covered. And then I'm going to execute it. And yeah, I uh should I should have uh you know, we'll get into after the call cuz I know some people that could you know could share the screen because I don't have permissions to share like my my whole screens and I have to like restart my computer and stuff for that. Um but I'd love to like anybody that's using Rabby when we do the breakout sessions would love to have them share their screens to kind of show that experience and how you could use safe with Rabbi because it is a very nice uh user experience. Um, so I sent that glow. Um, and now let's refresh it to be a zero again. And yeah, you know, very simple. And you could come to your transactions. You can see uh the history.

00:37:48

Afolabi Aiyeloja: And um, since there's only one signer, it didn't get queued up, but typically if you have multiple signers, it's going to get queued up for that, you know, other sign for the other signers to sign and then execute. And one thing that's I you know people that's kind of you don't really notice it but if you're signing into different applications and stuff like that you're going to be signing messages. You're not going to be doing transactions and they'll show up here. Um so a lot of times you know if you are trying to figure things out like hey what's going on like um you know I'm trying to sign in where's where's this at? It'll be messages here. And I also wanted to highlight I forgot to highlight in the first section some of the different apps that um are uh yeah supported by safe directly in the application. Um I had let me see let me go back to Cello my cello wallet. I think I had some saved there. So I bookmarked some apps to highlight.

00:38:46

Afolabi Aiyeloja: Uh one is CSV airdrops which is um allows you to like specify CV CSV of addresses and amounts and then you know have that be sent. It's very similar to a tool we we built in a dev go called eater where you could yeet funds to different addresses. Um and also you could upload a CSV. Um and then also this drain account which is a nice safety manager in case um maybe it's you know safe gets compromised and you need to quickly transfer all your assets you could use this to do that. Um let's see there's also give. So, this is just basically, you know, just opening the give app where you're able to um go and donate and uh be signed in. So, let's see load and let me start closing some tabs to get some better bandwidth here.
Coi groweco: So, this is already a way where you can use the music.
Afolabi Aiyeloja: And I think you and I'm not sure, you know, because if you sign in, you're going to it's going to have you uh you know, sign a message um and do that.

00:39:59

Coi groweco: So,
Afolabi Aiyeloja: And

Coi groweco: but there is only one signer, I think you can try
Afolabi Aiyeloja: oh
Coi groweco: to do.
Afolabi Aiyeloja: yeah, and then you can see how long do you want your session to be active. Uh let's make it for a month, you know, um so it makes it easier. And let's see. Let's do it. Let's see if it'll where things get, you know. I think I'll have to close it right here. Do I have a transaction or a me? Okay, I think. All right, this a real time demo. Real time. So, um, let's see. Well, I think that's something on the karma gap side that they would have to prioritize. When we get into integrations, we're going to highlight hats protocols who's been actively working on automating safe and stuff like that. But I would say that's like something that Karma Gap would uh need to prioritize if if it's on the road map. Okay. Well, looks like uh yeah, not uh and just for the sake of time um keep keep going.

00:41:18

Afolabi Aiyeloja: But just to highlight some other applications here, we have super fluid um sushi swap. So you just have all these things where you're able to do in the safe UI um which make things makes things a little bit easier. Um so let's dive back to the So yeah, we ran through configuring a state, selecting your chains, activating your multi-IG, and how you can then fund and execute transactions. Um, so now we're going to dive into integrations for the latter half of the call and then we're going to have an open session to provide support for people. And I'm not sure if the hats team has joined the call, but if any member from the hats team is here, we'll have them actually do a quick demo of the new feature. If not, I could highlight some things um from it. So when it comes to integrations um there's safe account abstraction um which is very powerful a lot of uh the smart accounts that are created for users uh with like a privy and these different um you know applications to abstract the wallet experience from users are on the back end using safes.

00:42:30

Afolabi Aiyeloja: So, they're deploying a safe. They're, you know, having a serer added. The embedded wallet that privy creates is the serer for safes. And then also with the new ERC, I believe uh 7, let's see, I got to get this right. So, let me just go open it first.

ERP ERC 7579. Um, there's even more modules being created around that to enable safes to be deployed uh with that ERC. Um so when it comes to uh smart accounts um this is another documentation to just dive into like kind of how smart accounts work. Um when the differences between a EOA and a smart account um where smart account is code driven and a EOA is key driven. Um that ties into Alex's question at the beginning around private key where there is no private key but the smart account is just code where you have different signing mechanisms and signature mechanisms. and then um yeah highly secure um and stuff like that and Matt will share a link if you want to dive into uh more of this architecture um I want to highlight how within the dev guild and how a lot of projects are using uh with like for example privy to do account abstraction and how easy it is to do now um so with privy for example um let's say you want to you know enable your

00:43:52

Afolabi Aiyeloja: users when they sign to your application you deploy a smart account for them and and everything they do you know in the application is covered via like gas sponsored and really to the user they don't even have to be aware that they have a you know smart account on the back end. So how privy enables that very easily and this is all really new within the past couple months is you're able to enable smart wallets for your app. So we click that and then you pick the different implementation you'd want. So, um, kernel has their own smart account and all these are built off of ERC 4337. Um, so you're able to select, okay, I want to do a Coinbase one. A lot of people pick safe because it's, you know, very, uh, yeah, it's been most well known in the space. And then you can select your chains that you want to be active on. So here, let's see if I wanted to update chains. You select your chain and then you select your B, your bundler.

00:44:45

Afolabi Aiyeloja: And then to even make things even more smoother, you could do a quick setup. So what that look like? You first select your bundler and pay master. And to not to fully dive into those, but they're kind of relevant just for like uh sponsor. So that's how our transactions for example on safe were able to be sponsored um with the bundler pay master. But this basically enables you to have do transactions cover transactions on behalf of a user. Um so here we use PIMLO for example. And then you'll put your API key and then you select the different chains that you want to use it for. And once you do that, now um we go to user management. So look at some of the Greenpool users. Um so you're able to see here uh so if I highlight over I believe uh Bertrren also got a smart wallet deployed you see that they have when they sign in so they sign in with their email so that abstracts away kind of what experience an embedded wallet is created on device that's then able to sign transactions for your smart wallet that's deployed and then here's also this pass key which you could use to save um if you want to do that as well.

00:45:55

Afolabi Aiyeloja: So all that all you know just you know from just uh clicking a few buttons you're able to set up a you know smart wallet for your users if you're using privy. Um and there's some documentation around that um that could drop in the chat. I'm not sure if I put this in the document. Um so yeah very powerful and then kind of diving in uh if you want to learn more you could dive into the 4337 and the module that you know that that exists around it and that what enables that you know how you could do different custom you know things with that module and then of course the new updated ERC which is 7579 which just makes it even more embedded within um the initiation of a EOA or um or wallet. the ability to like have a safe uh be deployed. Um so and then now to dive into hats protocol. Um so hats protocol is using or they just released this new feature and maybe I'll pause to see is anybody in the hats team on the call.

00:47:04

Afolabi Aiyeloja: I'm not sure because I'm not fully looking at the chat. Not sure. Um okay well I could cover to the best. A lot of this is very new. We had a demo with the hats team uh earlier this week where they um showed us a new feature where you could automate the signers on your safe with with different hats which I think is very powerful because you know being able to like manage your hats and rolls in a way that you don't have to always manually update signers and things of that nature I think is very powerful. Um so what does that look like? Um you come to hats uh pro.protocol has protocol XYZ. Um, and then you could, you know, click the create a council safe, which will load this up. And then here we can say, uh, you know, green pill test. I'll fully go through things. Council name, Green Pole. Um, you can select your chain. We'll we'll do doesn't matter. We'll do Ethereum.

00:48:05

Afolabi Aiyeloja: Can add a description. Then you configure sign threshold. do one four and then you appoint coun council members and then here's a really cool thing where you're able to define what the requirements are to join the council right um one is signing an agreement um so it must have signed um something holding tokens which could use if you like you have different governance tokens and people have different way to to check things and then have a compliance check which is manual um but something that's very powerful to you know ensure that last you know final human level check around adding people to a wallet um so they can add different council man managers um and I'll once again do people's ENS names I know you can also uh also add their email um luck got mad green builders um I'll do the same on co as And then it's coal builders. And then I think I have to add one more. So I'm going to put see if I get this right. That's Chris builders. So I need to add all these people.

00:49:34

Afolabi Aiyeloja: And the reason the email's added is so that you could notify them and have you know send for the compliance checks and different things like that touch point that you know most people tend to have emails and that um it's a good way to get in touch with them and then here yeah you will define your agreement um so be regenerative you know start there and then set your token requirement um put Pepe Pepe Um, you can pick a lot of Yeah, any token you want. Um, we're going to go here. We'll we'll just say uh feel like Wait, should I pick E? Um, let's go with give. Um, you can do give. Have one minimum balance, one give. Um, and then, uh, yeah, set council members Okay, I'm not sure what I did here. Let's see if I go back to step three. Okay, sign up threshold. Okay, so once again, yeah, you will then define the Okay, I thought Oh, that was interesting. Okay, never mind a bug on their end.

00:50:51

Afolabi Aiyeloja: Um, but here, yeah, then you can subscribe and deploy. I won't actually do that, but you can then see this last screen. Um, and oh, you can share it as a draft. That's nice. So, I'm going to save that and uh just drop in the chat uh for people to take a look at. Um and yeah, so you can see all the different things you you've set the council manager, compliance manager, agreement managers. Uh this is this is the invoice. This is around because it is a subscription thing that they're offer. So this is pro um hat is looking to you know start generating revenue and this is one of the main ways looking to do it. Um, so I won't deploy anything, but really really powerful. Um, we'll look to share a demo and walkthrough video from the hats team uh post this call so you could learn more. But, um, I just want to pause there because I think it is a really potentially powerful feature and see if anybody has questions about this integration.

00:51:45

Afolabi Aiyeloja: Um, and I could answer to the best of my abilities. Cool. Yeah, I just I don't have a link to to that but they are building basically like their own kind of safe wallet UI right in a sense to where it's the same like the safe wallet pulling in data and um I think they're looking to enable the ability to do transactions and in my opinion I think hats has a lot of potential to like yeah create a better safe wallet UI than the one that currently exists one that's more automated based on roles um and then also be able to execute transactions and yeah I think that's you know what I hope to see um going forward Um so I think this is just this is the start um for sure.
Athus Linhares: Hey, hello
Afolabi Aiyeloja: Hey
Athus Linhares: guys. Uh is it possible to to input details about the transaction like the in the invoice like uh because here in previous Brazil uh we we we pass through some some things like okay we did this pay this payment before uh using safe but now we we we always need to look for uh okay what what is what this payment was about because it

00:53:32

Afolabi Aiyeloja: Mhm.
Athus Linhares: was possible to include details about that and like
Afolabi Aiyeloja: Yeah, I think it depends on how public and private you want things to be, right? Um, so just I think there's there's power in that anonymity with like

transactions and not like you know them being on chain and not fully describing what they're for and then you could have a private you know reference point off chain that you used to coales so if that's important to kind of keep you know sense information names and details around what those payments are for I definitely recommend keeping off chain and then referencing the safe definitely tedious to do but there definitely are believe tools that probably in some of those apps I showed that could help do that and make you know make it easier to track those transactions if you know a lot of us were building in public. Um so we're fine with that. Safe does have that new feature where able to add notes to your transactions. Um so you could publicly um which you could either put like a link right to something that you know then kind of describes the transaction in full or just a little note that um you know describes what the transactions for.

00:54:37

Afolabi Aiyeloja: So just based on your comfort level around privacy and uh publicity. Yeah. Go for that.
Matt Strachman: Just a question. When is the Poem window?
Afolabi Aiyeloja: I know you guys. I know you guys. Okay, we're at 9:56. Yeah. So, the pop-up is open. U Thanks for reminding me because I would have forgot about that one. Um we we're going to d Yeah, let's go to the pup real quick and then we'll dive into like a couple last integrations, mainly Tronverse, and then we'll open it up for questions and technical support. Um so, oh here we go. So, it's pull-up time. Um, so in order to get the POP, what you need to do is open up the POP app. Um, I don't know if I have my phone. Let me show you where my phone's at. I I'll make sure to claim it later. Um, but open up the app. Um, enter for the secret phase uh when you click the claim uh button.

00:55:30

Afolabi Aiyeloja: And then the secret is build safe. Um, so yeah, make sure to build safe.
Coi groweco: And with a space or another.
Afolabi Aiyeloja: What's a hyphen? Yeah. Build-space. So, we'll spend like another 30 seconds and claim that if anybody has issues, um, send a message in the chat. Cool. Let's let's continue and get a speedrun through some things because I just wanted for the sake of time, we're almost on upon the hour. appreciate everybody for staying

staying this long. Um so uh just want to highlight one integration one more uh well briefly mentioned garden safe councils and and I want to mention them in the sense that um how you could use your safe to manage things like this like different garden pools and different you know funding pools for your community. Um so that's kind of where the integration comes you know useful across different you know applications that optimize for using safe. So hey like we have a cancel safe and you can click here to get the details around that safe.

00:56:51

Afolabi Aiyeloja: So let's see if that open up and yeah that just opens a link to the safe. So that's an integration and then I think a very powerful one is with Charverse um where you're able to have payouts initiated um via safe. And to highlight kind of a dev guild process that we've done for that is where you we've uh had Marcus who's done um design bounties for the dev guild to where it's initial starts off as a proposal that uh Marcus puts in for doing the work puts some milestones around you know creates different bounties for different milestones throughout the work that goes through a process of evaluation um and then the bounties get published on chain So you can see prototype development stipen etc. And then if I come to this tab over here you can then see um all these have been paid out. Um what does that look like? Um so Marcus would make a submission after when that's completed and then the payment gets initiated. You can initiate it on uh Charverse which is very nice.

00:58:04

Afolabi Aiyeloja: So you don't have to go to the safe and even put the amount, put the recipient, all these details. It's all filled out, you know, for you and you just initiate here. And I'll show what that looks like with another one. Um, so if we come back to uh bounties. So for example, let's say here I submitted one. Um, I found a couple bugs when doing QA for uh for impact reef. Here I'm able to then, you know, send a payment. And this is very very powerful where you could use your EOA which is a connected wallet but then you also could select um different uh EOAs you have for your wallet. I mine aren't labeled I think uh because they just recently updated it. They used to be labeled. So let's see. Let me go show what that looks like as well. Um so if you go to your account believe here right you can see all your multiigs and then you can label them. I believe this is for let's see let me get the working capital one so I could queue up this transaction.

00:59:08

Afolabi Aiyeloja: So the working capital is 0xe 093. So let's find an arbit arbitron. All right, got a lot of w there it is. Um, so this is a working capital for the the dev guild example. So once I add this label should make it visible here. So now if I come back to this um I want to send payment. Maybe I need to refresh. Let me try that. So, I do send payment. Oh, well, it doesn't look like didn't work, but I know which one it is. So, you could then initiate it here. Um,
Coi groweco: And don't you need to to update on the profile, press some button to save or something like that.
Afolabi Aiyeloja: no, it should save. Um, and it looks like it's like currently bugging out a little bit. So, but just want to highlight that typically this is what does work well. um and you're able to initiate transactions from safe and to kind of show I'll do with my this EOA just to show um like executing transaction u but really wanted to highlight the safe part of it because I think that's pretty powerful um okay I guess someone okay all right cool well let's keep moving but um think it's very nice feature that could do with Charverse

01:00:50

Afolabi Aiyeloja: and then just to um we're going to do some technical support session. Um but before that I want to highlight some next steps for different for people on this call um especially if you're are going to be applying for GG23 rounds and stuff of that nature. Um so a couple things um if you have existing multisigs um this is something we had with the dev guild where we had deployed a safe on arbitrum and op and all the different addresses and then um okay yeah thanks for joining see you soon um so definitely want to make sure that if you have existing multisigs find ways to reuse them so now knowing that safes could be deployed multi-chain you be, okay, we're going to use this safe for treasury and we're going to use this safe for our working capital and then we'll use this safe for uh our council and kind of, you know, just reuse things so you're not deploying a bunch of new safes and then having to manage all these and because it will populate your your safe UI and you know become messy to kind of figure out like what's this wallet for, what's this address and things of that nature.

01:01:58

Afolabi Aiyeloja: So finding ways to reuse and this add networks I think is the best way to go. Um then preparing for GD23 I think definitely uh if you have an existing safe you've been using um let's say you're using an arbitum and the round you're going to apply for is on Cell just deploy that safe on Cello right and then use that address and then you're able to now just continue to use the address for different rounds um besides deploying a new safe. So definitely recommend that if you're applying for grant rounds and want to reuse the safe. Um and then definitely want want to encourage exploring the integrations with hats and charverse. um with hats, like I said, we'll share some more material around the new features, but really bullish and optimistic as as they continue to develop more and more safe integrations, how it's going to make our communities and our project management lives a lot easier because we'll be able to automate, you know, signers and different things um of that nature. Um so, just want to highlight those next steps and let's bring it back for uh technical support.

01:03:03

Afolabi Aiyeloja: So get to spend the next like um yeah 5 to 10 minutes just answering any questions uh helping troubleshoot if you've been having issues with your safe can help try to you know uh solve those issues and yeah just discuss best practices. So um yeah open for everybody to ask questions and support All right. Having to multi. Um.
Vinicius Braz Rocha: uh
Afolabi Aiyeloja: Yeah.
Vinicius Braz Rocha: a
Afolabi Aiyeloja: Mhm.
Vinicius Braz Rocha: uh concerning the community rounds in GG23. I think that that would be if Dev Guild can provide um some support uh for local projects and you know the community realm itself here in Rio. We're going to do that.
Afolabi Aiyeloja: uh on YouTube. I found like a couple tutorials. um they're not super up to date like so which is which honestly which made me like potentially realize that this workshop might be like the most upto-date material you could get cuz even on the safe website or like their YouTube channel they didn't really have much.

01:04:50

Afolabi Aiyeloja: It's more developer focused on around like building with safe than you know setting up a safe um for communities and stuff like that. Um so I could reach out to the safe team to see if they have some material they could share. Um but yeah, wasn't really able to find that much. Um I did share one video link in the workshop guide that we'll share post workshop that has all the links that I went through during the call. Um and it'll have some additional ones. So that that that that was the best one I could find. That seemed to be the most upto-date. Um yeah, hopefully that answered the question. Yeah. And yeah, and and yeah, Wasabi, you know, helped actually cross-promoted this. They're going to be doing like a lot of uh onboarding sessions and education sessions that I think could tie into those. Um, and I definitely want to, you know, pro definitely provide space to the dev guild to help with that as well. Um, so that's definitely something we could discuss and maybe put some things on the calendar where we could, you know, have a open session for people just to, you know, get support with their GG23 applications.

01:06:02

Afolabi Aiyeloja: But been definitely talking closely with the Sabbi about kind of coordinating those things. Um, so yeah, I think there will be some updates there and we'll definitely have some sessions. Yep.
Vinicius Braz Rocha: Uh one one last question before I go. Uh is it mandatory uh for any application in GG23 have a safe account?
Afolabi Aiyeloja: Um I it depends on the requirements for the round. I think for the region coordination round um we haven't fully uh no even yeah for the last region coordination round with the green field network for example with greenfield chapters and guilds like that was a requirement we had um that you know we're using a multi-IG um so it's something that like yeah this could be enforced and that's why Gitcoin has that question which is a nice like quick filter right to like check okay is this a multisig or not um so that when people are being reviewing your applications you can be like okay you need to be using a multisync. So, it's something that's enforced at the, you know, reviewer operator level.

01:07:05

Vinicius Braz Rocha: Okay. Thanks man. Again, nice
Afolabi Aiyeloja: Mhm.
Vinicius Braz Rocha: work.
Afolabi Aiyeloja: Thank you. Cool. We got any other questions? Uh, we could Yeah, I could show ENS multisig a little bit. Um, dive into that. Um, I don't know if I want people to like totally set one up cuz uh it's a lot of signing messages and stuff like that and it's on mainet so I'm not trying to pay the gas fees but could definitely kind of highlight where to go to do that do that. Um, and I could I could highlight it with my own personal safe because it's not something that needs to be even tied to um something like that. So yeah, when you're talking about uh safes and ENS, what does that look like? Um so one is so for example I have offer is uh the name I use um and what that looks like is that so this is the ownership. So this is this is kind of the key the key thing here, right?

01:08:17

Afolabi Aiyeloja: So the flow I recommend AMO if you're looking to have a ENS. Typically when you buy ENS, it's just it's easier to buy with a EOA. So I definitely recommend this, you know, buying a ENS with the EOA because it's just easier to do the transaction, sign the messages because there's a lot of messages you sign. So initially I bought that with uh my EOA account, my um 0x2A. Once I did that, I then um transferred the ownership of the ENS to my safe, which is this address here, but I kept the name pointed to my EOA. So, if people still send funds or um yeah, still associate or you know, my reference, they're still using that EOA, but it's owned by my safe. So, it's very easy to do. So once you just buy your your ENS name, you would just come to the ownership tab and then I'm not able to do anything here. But let me actually change to the my EOA with Rabby so you could see the different buttons you would see.

01:09:27

Afolabi Aiyeloja: So I'm going to open the save. Computer's going real slow. I got to think I need to close some tabs. So cool. So you just saw I just changed it and now you can see edit roles. Um so that's basically all you get. So you want to edit roles, you want to change the owner, right? You want to change what name the name points to, you could do that. You could set it to your safe. You could um choose a new address if you like let's say you're and this is how you do this is how you keep your ENS safe, right? Especially for you know any initiative or for yourself personally because it's owned by your safe. So let's say your wallet gets compromised. All you would have to do come come here is like okay I got a new wallet I'm gonna remove this I'm going to put in my new wallet and then you know update it and then um if you want to change the owner for whatever reason you have a new safe you can just change it here and input a safe and definitely make sure the safe is deployed on mainet because all ENS names are on mainet so that's definitely something to make sure that your safe is on mainet but yeah that's kind of that's the way to manage it and you know change roles where you have a owner and then what the the ENS

01:10:36

Afolabi Aiyeloja: points to. Hopefully I answered the question well.
Matt Strachman: And then Amio also asked If you can go over any NS to, I'm sorry. You kind of just went over.
Afolabi Aiyeloja: Okay, got it. Got the process. Cool. All right, so let's come back to the slides uh to close the call off. Um so yeah, I want to say thanks to joining. Thanks for everybody for staying on a little bit, you know, over time for hour. Um hopefully this is becomes a strong artifact we could share throughout the um regen space and web 3 space at large to help people better use safes and um yeah have a better you know good experience with safes going forward. And yeah appreciate you guys all for you know taking the time out of your day to join.
Coi groweco: Thank you man, for for leading and hosting. Thank.
Afolabi Aiyeloja: Yeah. Thanks
Vinicius Braz Rocha: Yeah.
Afolabi Aiyeloja: Matt for sure.
Vinicius Braz Rocha: Bye-bye guys.
Eve Marenghi: Thank you.
Matt Strachman: Everybody.
Afolabi Aiyeloja: Byebye.
Matt Strachman: Thanks.
Afolabi Aiyeloja: Oh, I didn't know you was still here. See you.
Kit Blake: Alright.

Eve Marenghi: Thank you. I,
Coi groweco: Bye-bye.
Afolabi Aiyeloja: Let's end call and end the recording.

Transcription ended after 01:12:14