

Technical Steering Committee - 2025/08/06 08:29 CDT - Transcript

Attendees

Benjamin Hart, Christian Taylor, Jethro Adebisi, Kevin Hammond, Neil Davies, Sebastian Nagel, Terence McCutcheon

Transcript

Benjamin Hart: Hi Kevin tax.

Kevin Hammond: Hi. Hi Dan. Just quickly updating the agenda. this may be a very short meeting.

Benjamin Hart: Such is life.

Kevin Hammond: Court meetings are good. Ben long meetings short lives definitely not.

Benjamin Hart: Short lives are not.

Neil Davies: All right.

Benjamin Hart: Hi there, Neil.

Kevin Hammond: Hi N.

Kevin Hammond: How you doing?

Neil Davies: Not bad. Getting things my to-do list may actually have got slightly shorter today, which is just nice. It's nice when the to-do list of urgent things doesn't grow, has it? So,

Kevin Hammond: Thank thanks for joining. Hi. Hi Jethro.

Kevin Hammond: I'll wait a couple of minutes to see if anyone else joins. as men, I think this will be a very short meeting.

Neil Davies: I know people in the air. and of course several people are in Vegas.

Kevin Hammond: But at least we can take a short evaluation of where we are and determine if there are any urgent issues. So Je Jethro don't think we've nice to meet you. Was there anything that you or tax want to add to our agenda?

Jethro Adebisi: Good evening. It's my first time.

Kevin Hammond: Hi, welcome.

Jethro Adebisi: Yeah, I'm good. Yeah. ...

Benjamin Hart: having some trouble hearing Might be something wrong with your audio or you might be just too far from the mic.

Jethro Adebisi: Sorry, I said it's my first time here. Good evening. Hey, can you hear me?

Kevin Hammond: Good evening, Gather.

Benjamin Hart: Welcome. Yeah.

Jethro Adebisi: Yeah. Hey,...

Kevin Hammond: What...

Kevin Hammond: who do you represent Jethro?

Jethro Adebisi: I just joined the intercept discord. So, I saw there was a meeting, so I just decided to open.

Benjamin Hart: Broad community member. Welcome.

Kevin Hammond: Okay, Great to have you. So thanks, I assume you'll act as secretary for this meeting. Is that correct?

Jethro Adebisi: Yeah. Thank you.

Terence McCutcheon: Yeah, so that's here. I apologize for not being on camera. I showed up in the event that a meeting would occur so that there was a secretary present.

Kevin Hammond: Yeah, that's not

Terence McCutcheon: I was unable to do so for MCC,...

Benjamin Hart: Yeah, I don't think you have to apologize for not being on camera.

Terence McCutcheon: but I was in the air, so an excuse. as the committee liaison,...

Benjamin Hart: Mo most of us are developer introverts who would prefer to keep the cameras off ourselves. that's fine.

Terence McCutcheon: I still actually encourage for sitting committee members or...

Benjamin Hart: It's fine.

Terence McCutcheon: voting committee members or whatever to have cameras on during the meeting for because you guys are at a certain level, but I'm not going to push it. So, not yet. Find me on a different day.

00:05:00

Neil Davies: Yeah. Can I carry forward process?

Terence McCutcheon: Today's meeting

Benjamin Hart: It's fine. you can have a bad hair day...

Benjamin Hart: if you want. yeah.

Kevin Hammond: Okay. Yeah.

Neil Davies: I don't think Is there anything we can do today given there's only three. Yeah.

Kevin Hammond: Let's start this formally, Neil. so, we've got it on record. then we can discuss but at least we're making a note of the items. welcome to the technical steering committee meeting of the 6th of August 2025. present we have three voting members of the technical steering committee plus tax mccuten from intersect acting as secretary.

Kevin Hammond: since only three voting members are present the meeting is not quarant a lot of people as we said they're either away or they're attending rare EVO in Las Vegas this week. So we're short on numbers. the items we have to consider first of all VRF tiebreaker carried forward. secondly intersect creation policy and thirdly product committee vision document fourthly update from the parameter committee and fifthly security council update. we're short on numbers. So what I would say is do we want to discuss any of these items?

Kevin Hammond: Do we want to wait for a larger group in which case we can just carry these forward nothing significant let's work through the vert tiebreaker we need discussion on I think that's best done hi hi Sebastian just going through the

Neil Davies: Is there anything that requires of those updates?

Neil Davies: Do we know if anything is gerained requires any response from us at all? Yeah. Adams. Yeah.

Kevin Hammond: agenda. but we will probably keep this VF tiebreaker that was carried forward from last week. It needs a detailed technical discussion. Adam's proposal was to discuss it in the next TSC meeting. Adam isn't present. I think we could have a quick discussion on it now.

Neil Davies: Awesome. ...

Kevin Hammond: No, we'll postpone intersect repo creation policy and process tax. This is something you'd raised. I believe with us.

Terence McCutcheon: I had partial delivery on that unless you guys have missed that,...

Neil Davies:

Neil Davies: yeah, I was going to say where we at. So you implemented the sort of the stop temporarily and you produce some text for us to review or something. But do they know the creation of new repos?

Terence McCutcheon: some documentation. Yes, the top part is the main part,...

Terence McCutcheon: but there are some additional notes in a slightly different formatting that I'm looking to include still. I just haven't fully synthesized them. So, basically Yes.

Kevin Hammond: So the benefit of anyone watching this recording Intersect has taken the steps of restricting the ability to add members to repos.

Kevin Hammond: the creation of new repos to intersect staff members I believe tax yes so only intersect staff members can create new repos any other steps that have been taken

Terence McCutcheon: In order for this to work properly we have a form that we use for project support services it's already been adapted to align with a front-facing or web two looker feel of how to apply how to say hey we need a repo. I am going to work on the GitHub backend things.

Terence McCutcheon: That is an intention of mine. It's just we've got an MVP right now for it's out there and can cycle it.

Kevin Hammond: Great. Thanks.

Kevin Hammond: Text Sebastian, you've raised your hand.

Sebastian Nagel: Yeah, I had a quick look on this as you asked for a review on our channel,...

Sebastian Nagel: I haven't checked back with my comments. You probably followed up text. Sorry if you did. there seems to be two processes and the form is the way superseding a GitHub issue based workflow which I found would be very fitting here,...

Sebastian Nagel: right? Because it is all in GitHub.

00:10:00

Terence McCutcheon: Yeah, I'd love to go to the issue.

Terence McCutcheon: I'm not saying no. I did put comments in there, so I encourage you to go and read them if you want. right right now, we have to work with what we have going and we've got to get some adoption on the project support services So in reality the way it's currently set up how we were doing project support before where we've added it may or may not work. I just have not had the chance to sit here and build the GitHub issue and whatnot. And then I at least have the project board. So that's going to be there in a place where y'all are more familiar to go and look at it.

Terence McCutcheon: I don't believe I have six people creating a repo every single week. it happens just to spur the moment.

Sebastian Nagel: Yeah, I think that's fine.

Terence McCutcheon: So, I've got at least a couple of weeks and then we can adjust. We can flex

Kevin Hammond: Yeah, I mean it seems sensible to me to have some policy controlling the creation of repositories tax. what we don't want is for the repos to grow unboundedly. Yeah.

Neil Davies: Yeah, I would say identify what information has to flow for you to create The mechanism by which it's done can be worried about later. So I mean as you say if the identify the information flow and who gets to audit it and make decisions and then don't worry about the web form. I would agree with we put an issue that looks like this,...

Neil Davies: we'll deal with it is a much better approach for something that happens once a month than having to spend all the effort to look after a web form in the long term.

Terence McCutcheon: A part of this policy and...

Terence McCutcheon: re and review is if there's something that you all as technical people would be looking for in a repository request and...

Terence McCutcheon: I have not it like and what I've put together does denote that, ask for that, whatever. That's what I need in there. So,

Neil Davies: Okay. Yeah,...

Neil Davies: I must admit I haven't had an opportunity to look at it since you put it up yesterday. So, that's all do you see the need for the community to be involved in this or...

Sebastian Nagel: I mean the content looks good,...

Sebastian Nagel: So what kind of things you request there is probably fine. especially for new repositories. if it has existing repositories to be migrated probably all of the information is already available. I think I didn't had anything to add there. general it's a good thing.

Neil Davies: do you think I mean this would seem to be getting community involvement

Neil Davies: I mean, I would have thought if it was clear that it was needed that that could be delegated to you guys to say, we're going to do this unless somebody stops to the various committees and give them 48 hours to reply and it happens. As opposed to if you go out to the community somebody might object to the spelling of the word color in the

Neil Davies: something. I'm just trying not to create too much friction here.

Sebastian Nagel: I can it's a good raise a very good point Neil right so involvement of community is the question should the request be kind of like the issue

Neil Davies: Text. That's all. Yeah. You also at the same time,...

Terence McCutcheon: I do understand put this as a you catch more flies with honey.

Terence McCutcheon: It's a what?

Neil Davies: but that's what if you want the flies to live in this case, right? Yeah. Yeah. I'm just saying.

Sebastian Nagel: we raise here, creating that repository with that purpose with these people involved and this is the maintainer and so on a public discourse once it's created or is this just a oneoff thing and just whatever lands is there.

Neil Davies: If we go back to the rap, the RACI idea, I don't mind the public being informed, But it's whether they ever consulted, I think they're informed. They don't necessarily have to be consulted.

Neil Davies: That's the difference I'm taking there.

Sebastian Nagel: So I'm seeing the mode of...

Sebastian Nagel: how to do it, right, is if I say I want to have this new repository requested and this guy should be the maintainer and I can tag them and they would see it like that is going to be filed that just adds this is low tech and...

Neil Davies: Yeah, I

Sebastian Nagel: it's easy to do. How if this is then however ending up in some kind of intersect gyro on some board where you can't really find it that is probably a bit more annoying than it is helpful. That's what I'm thinking and especially I have also raised this with the document. Is this only about creating new repositories or is it about migrating existing adopting them into the intersect organization which is a thing which happened in the past. Exactly. That's it.

00:15:00

Neil Davies: I think from my perspective this is only about creating them because we have executed a process in the past for adoption right we've done it last year right so whatever that process was I can't remember it but we went through a process okay I just don't want to create yet another process but I think all I'm saying is establish who's the players which ones you going to consult which you're going to inform then you work out how you're going to consult them or how you're going to inform them

Neil Davies: And then I think the community gets two weeks to comment right or whatever.'t I'm assuming unless there's a contention then why would these things be in general if they're contentious then I hope that that will come up very quickly.

Kevin Hammond: Yeah. What...

Neil Davies: Yes. But that's it. Yeah.

Kevin Hammond: what it says is if you're creating new core repos

Kevin Hammond: then run them past this group for approval. That seems sensible.

Terence McCutcheon: Yeah, I would really don't read too much into it,...

Terence McCutcheon: It says we will respond within seven days and no request should go beyond 14 days. That mean that y'all are sitting here deliberating on it. It's a very simple yes, no. Does this impair with the tech? Do we not have an opinion? Okay, because the last thing I want to do is create a repo where someone goes building something that breaks something else, So, I'm involving the community to what I would consider a healthy extent because I don't want to build bad open source practice.

Neil Davies: But all...

Neil Davies: but that's the contents at this point you're talking about the name of the thing that we are trying to organize here is the name of the repo not its content the name and...

Kevin Hammond: The name and...

Kevin Hammond: the purpose presumably Yeah.

Neil Davies: the and its purpose is what we're trying to organize right I don't think we can on the basis of that. And probably the thing we're trying to stop is obese names that people don't want, Because they know otherwise people will do this. They do. And that the purpose is aligned with Intersects general mission, that's what we're looking for. That's all we're needing.

Kevin Hammond: Yeah. ...

Neil Davies: Yeah. What?

Kevin Hammond: if you have a request from somebody that says a alternative blockchain developer purpose of the repo destroy Cardano...

Sebastian Nagel: You can't do anything here.

Kevin Hammond: then obviously don't create it right.

Neil Davies: Yeah, but I'm just saying no,...

Benjamin Hart: But also that code is isolated.

Benjamin Hart: Could you unpack a repo that's going to break another repo? because I can't wrap my head around that...

Neil Davies: you can't.

Benjamin Hart: unless it's a bad dependency chain on a private repo. Yeah.

Kevin Hammond: What do you Yeah.

Neil Davies: I don't see how I was trying to work out how repos we're doing here is creating a container for something to fit into it. And all we're trying to make sure is that at its creation, the container isn't aimed at, its purpose seems reasonable. That's all.

Kevin Hammond: Yeah. I mean I think you can rely on the integrity of the developers to that sensible purpose explanation.

Sebastian Nagel: But I wonder do things ever start existing in intersect? Aren't they kind of following a kind of an incubation process? is it core from the beginning on? Probably not, right? I mean you need to create something and then it needs to become part of the portfolio.

Benjamin Hart: I could see splitting off a chunk of an application into a library.

Sebastian Nagel: No. Yeah.

Benjamin Hart: I think the node has done that many times. and I think that's fine.

Sebastian Nagel: And the request is basically But then it comes from somewhere,...

Sebastian Nagel: right? It's not kind of like a green field thing. That's what I mean. Jesus.

Benjamin Hart: Okay.

Kevin Hammond: It could be Greenfield Sebastian possibly. But I think have we spent enough time discussing this.

Neil Davies: Yeah, we've done this. this feels like Yeah.

Benjamin Hart: Do we have a decision on the table at the moment?

Kevin Hammond: Yeah.

Neil Davies: No, we're not poor, so no decision works. I mean, I think we could say Thank you for this for this.

Benjamin Hart: ...

Neil Davies: It'll need to be Yeah.

Benjamin Hart: core is six at the moment, Okay.

Benjamin Hart: All right. I'm just going to recommend to the next meeting that do we really want every repo to be approved by the TSC? I'm fine delegating this.

Neil Davies: This is Yeah.

Terence McCutcheon: It's not.

Kevin Hammond: I think...

Benjamin Hart: I think it's a staff discretion and...

Kevin Hammond: what you want is

Benjamin Hart: if they want to say no, then it can come to the TSC.

Neil Davies: I'm just saying the TLC needs to be informed.

Benjamin Hart: Go ahead.

Neil Davies: It doesn't have to be consulted.

Benjamin Hart: Even the TSC has to Yeah, I agree.

Neil Davies: Thank you.

Terence McCutcheon: If there is text in this document that states approval, it's not meant the way it is. I can simply remove that word. It's literally just review by OSC and TSC.

Benjamin Hart: Okay. Yeah.

Benjamin Hart: I just don't think people should have to wait a week to create a repo. I think existing staff are more than confident enough to say yes in 99% of cases.

00:20:00

Kevin Hammond: And as we're saying, if you do...

Benjamin Hart: Yeah. Yeah.

Kevin Hammond: if you need more input, you can raise it here. We can discuss it. Great question. Do you want to close that off?

Christian Taylor: Yeah, I was going to say if you're worried about new rogue projects coming in, that's where incubation comes in and that directly comes to y'all for consultation for a vote. So the only people who can make the repos or propose them are people we already have contracts with or under intersect to begin with. risk mitigation already there and kind

Benjamin Hart: I think the only concern is perhaps if maintenance funds are redirected towards a new project without authorization that's misappropriation but that would be the only scenario that I'm concerned with

Christian Taylor: Yeah, it's more on the leadership thing at that point too.

Kevin Hammond: Yeah, I think the exceptions. so item three was again to remind people to look at the product vision statement that was the 2030 vision that Sam had passed on to us. There's a new version of that. so let's keep it on the back burner. and I don't think there's any point discussing that in detail here. We will raise it again next time. committee update. Was hoping Alex Mosa Might ask him to give us a proper update next time. but essentially things are taking over.

Kevin Hammond: the changes that the Plutus team was proposing to enable new primitives have been put back later in the year. what they're proposing rather than just enabling a couple of primitives is to roll it all in with the next hard fork when they'll be extending I think all of the primitives to also work in Plutus V2 and perhaps Plutus V1 as backporting to that point. So we'll see a more extensive change coming in when the next hard fork comes in.

Kevin Hammond: the proposal to increase police memory limits we put out in July we're now going through a waiting period notice period I've proposed a tweet from the TSC to draw attention to that I will also take an action to engage with govpool so we get awareness of that via dovol at this stage what we're doing all we're doing is notifying people giving them notice in compliance with the security recommendation to that we should provide 3 months notice of any change to security or...

Kevin Hammond: governance critical parameters.

Benjamin Hart: Quick question.

Benjamin Hart: How big is the increase?

Kevin Hammond: I need to I'll drop it in the channel.

Benjamin Hart: Maybe if you could just drop it in the channel, I'd just be interested to Okay.

Kevin Hammond: What we're actually proposing Ben would be about a 25% increase in people but to do it in two stages and the reason we're doing it we proposed to do it in two stages is to avoid tripping over

another guard rail which limits the amount of the increase to a specific number of memory units. so 25% in total firstly being we'll need to take multiple hops.

Benjamin Hart: It'd have to take multiple hops. Okay.

Kevin Hammond: First stage will take the maximum hop in one go. Then we'll pause monitor the effect on the network.

Kevin Hammond: We're not expect the simulation results the performance results show that there shouldn't be any serious impact but we'll need to monitor for that and then at an appropriate time we'll submit the second proposal that will increase to I think it's 25% Neil

Neil Davies: Yes, I think so.

Neil Davies: But I must admit, I can't remember if it was 25% then to 50%. I think it was that actually, but we'd have to check that. Right. So, it's going up by eventually 50%.

Benjamin Hart: I have one short question thereafter and...

Benjamin Hart: then I'll let you continue. Sorry. was the motivation based in part due to optimizations that could be applied once we abandon GHC8 support?

Neil Davies: That controls primitives, not This particular change was driven initially by people wanting to make more complex swaps.

Neil Davies:

00:25:00

Benjamin Hart: Right. ...

Benjamin Hart: but there wasn't necessarily optimization under the hood that Okay.

Neil Davies: No, no, this was just so they could do more. It then turned out that they found a better way of doing it and the large big motivation disappeared but nobody communicated that.

Benjamin Hart: I assure you people are still hitting execution limits.

Neil Davies: So that's okay.

Benjamin Hart: It's fine.

Neil Davies: But the big difficulty we had, Ben, was basically we were looking for evidence why to change and everything was circumstantial. Are you with me? It's not that we don't want to change.

Benjamin Hart: Yep. That's fair.

Neil Davies: It's just if we're going to do evidence-based, we need some evidence. Yeah. Yeah. Yeah.

Kevin Hammond: So a number of motivations for making the change,...

Kevin Hammond: And one of them is obviously to unlock increased capacity. we can allow scripts to do more work in a single transaction. So One of the major benefits is to make it easier for DAP developers because they shouldn't need to nickel and dime the execution units quite as much. Yeah.

Benjamin Hart: I feel that quite So, I'm glad it's happening. yeah.

Kevin Hammond: And what...

Benjamin Hart: Thanks. Yep.

Kevin Hammond: what we say is we're doing this cautiously. We'd envisage this as potentially being the first of a series of changes that gradually unlock capacity. But we don't quite know how far we can go. And we have to be one thing people don't always appreciate is if we use all of the capacity in this way, it won't be available for use in other ways. And there are still some things that need to be rolled out. the LSM tree upgrade for example,...

Kevin Hammond: that's going to have some performance impact. there may be pressure for increased block sizes. so we just have to balance these things.

Benjamin Hart: Right. It's totally understandable.

Kevin Hammond: If we use all capacity in one way, we won't have it available for other things.

Benjamin Hart: I think from my perspective, I see there being a potential to get more execution units down the road through optimizing the primitives. So that's my outlook and...

Kevin Hammond: Yeah.

Benjamin Hart: I'm just seeing how quickly that hole is closing. it looks like there's still some room thanks to GHCA. Yeah.

Neil Davies: No, I have No, the GHC was about actually enabling certain primitives to operate at all. Right. and when I talked to Duncan about this in the past, he keeps on saying, somebody should fund a jet because basically that's the way to do it, Basically, and he could say he'd love to do it, in the sense that' be an interesting thing to do. So, I think there are definite improvements down the line that's possible. increasing block sizes. There's no pressure at the moment.

Kevin Hammond: Yeah. ...

Neil Davies: There is and the point is it's about keeping the powder dry and...

Benjamin Hart: Yep. Mhm. Okay.

Neil Davies: be able to move it quickly at that point as opposed to hand because it's very difficult to take back any of these things, right?

Kevin Hammond: so then one thing that's pertinent is we have changed the cost model for the rimitives. So we took into account optimizations. I can't remember exactly when the change was made but we took into account optimizations that have been made to the primitives reduced the cost for the primitives whilst keeping the limit the okay so that has been done in the past and...

Kevin Hammond: that will be the correct thing to do in future rather than probably increasing the limit is to provide a new bring down the cost for the prince that's more honest in terms of...

Benjamin Hart: Hold down the cross.

Kevin Hammond: what you're trying

Neil Davies: The intention is you're trying to keep the total execution time of all possible executions limited.

Neil Davies: to a certain trying to keep that under control because time is our problem, right?

Kevin Hammond: Yeah, the memory so we're increasing memory units...

Neil Davies: Yeah. You're done.

Kevin Hammond: which seems a bit odd. but the reason is that it turns out the memory units bound the time cost. So although we're not particularly concerned by the amount of memory that's in use this is a useful break on the total execution cost for a Pluto script because time and memory are tightly correlated.

Neil Davies: Yeah. Computers.

Kevin Hammond: There's an argument that says we could be more honest with the time units and...

Kevin Hammond: reduce the time limits so that they're consistent with memory limits.

Kevin Hammond: But that potentially could impact some existing scripts Ben. So I think the golden machine I think it's now a hosted system.

00:30:00

Benjamin Hart: I'm not too concerned with that. if I have any follow-up question, are we still costing based on the operation of one physical machine that there is still a golden machine in the corner. Okay. I Yeah,...

Neil Davies: There's a golden machine in a corner.

Neil Davies: It's sort of brought up for testing But I Yes,...

Benjamin Hart: I would like to get rid of the golden machine in favor of something reproducible, but that's it.

Neil Davies: I realize that. But Maybe that's a good thing. Yeah. Yeah.

Kevin Hammond: Ben, I think it's no longer someone's laptop or...

Benjamin Hart:

Benjamin Hart: It is Okay. that's an improvement.

Kevin Hammond: or it is hoping to get that was the original machine.

Neil Davies: But basically this all got developed. Nobody they just did it. one talked about...

Benjamin Hart: Yeah. Yeah.

Neil Davies: how it should be done and then you suddenly find out it's all based on the existence of this machine in the blocks cupboard. Okay. Right. Yeah.

Kevin Hammond: But there are problems also with hosting which is that we have hosted things before and the hosting support has been pulled from under our feet. So you're correct that we need something consistent to do the benchmarks. Ben the good news is that all x86 machines are broadly consistent. Okay.

Kevin Hammond: So as long as you pick something...

Neil Davies: Yeah.

Kevin Hammond: which is representative and you stick to it, you've got something you can consistently use to predict execution costs. bearing in mind that we're not what we're doing here is measuring the single execution performance. Most of the differences between Intel architectures have been in multi-core performance, not the single core performance. Sorry, sorry, T, you've had your hand raised for a long time whilst we went into the details there.

Terence McCutcheon: Yeah. I'm not going to drop out, but I do need to step away for I'll be AFK for a few minutes. the tweet request I've seen no agreement or disagreement from TSC and I would say I am aware that half of the channel is probably not paying attention to that right now. so I would just call for some attention to support that we approve that tweet and then I would also ask why it would need to be separated. It's pretty small text wise, so it could just be a single tweet.

Kevin Hammond: Happy happy if you do do it in one tweet. Thanks. I was just assuming that we'd be stuck with 140 character limit, but if we're not read one tweet do so there's a procedural question...

Terence McCutcheon: I'll take a look. We don't necessarily need to do a poll...

Neil Davies: So should we ask for a poll on the channel...

Neil Davies: and do this asynchronously quickly get it started?

Terence McCutcheon: because it can just be done by reactions.

Kevin Hammond: which is whether we need approval by the whole TSC for every tweet tax or do we just need to prove it in principle. we can raise that in the channel.

Terence McCutcheon: Yeah, you guys can discuss however you wish to approve it. I mean, if it's more so lazy consensus and if I just wait, anywhere from 6, 12 or 24 hours with no kickback and then post it or if it's as simple as saying, hey, four or five people or whatever number you all prescribe is,...

Terence McCutcheon: having reacted in a positive manner, there's green checks and red X's. I mean, it's super simple that way.

Neil Davies: Okay. In...

Neil Davies: which case, I'm going to put my check on now. Okay. M. That's fine.

Kevin Hammond: This particular one I suspect a is not particularly controversial and...

Kevin Hammond: b we have some time pro so the notification period is already in force.

Kevin Hammond: It started in July. there's still another two months for the notification period.

Terence McCutcheon: Understood.

Kevin Hammond: So all we're really doing is trying to draw people's attention to it reminding them...

Neil Davies: reminding them. Not

Kevin Hammond: if they haven't been following the Cardano forum anything else from the parameter committee that you thought should be raised?

Kevin Hammond: There was some discussion about possible changes to the guard rails that was being proposed. I think the conclusion was the discussion basically said keep the constitution we recommend keeping the constitution the way it is and proposing detailed changes to individual guardrails...

Neil Davies: Yeah. Heat.

Kevin Hammond: if they're needed. We haven't seen any need for significant detail changes in any of the limits yet though that's quite possible.

00:35:00

Kevin Hammond: And Security Council update, there'll be a Security Council meeting next week. but I just wanted to say that we met with Mike Horn to discuss the disaster recovery process that we mentioned a couple of weeks back. so the proposal is to execute a fire drill of the disaster recovery process on Sancho net. U we're going to need to do this carefully so we don't inflate people. why are you having a fire drill? Your network is broken. We need to obviously involve the comm's team appropriately.

Kevin Hammond: But the purpose is to confirm that the process that's been defined in SIP 135 will actually do what's required in practice and to adapt it if not be to make sure that SBAS are aware of what they would need to do if there was something genuine issue that needed to be dealt with. So they wouldn't be approaching it cold. they would have some knowledge of what needed to be done. and thirdly to set up the required communications channels so that people were aware of what they had to do, how they could coordinate so we can test all the presses around that. We've debated a couple of scenarios that we would use for the fire drill.

Kevin Hammond: one of them being no blocks produced for an extended period of time and the other being some bad block injected into the system. So the first one basically what will happen is we'd expect Sanjonet to stall after a period of time. There'd be a gap in the blocks being produced. What we need to do is go back and fill those in. And in the other case what we need to do would be to revert the network before the bad block was produced and then roll forward in that point. So those would be what we were testing and we're open to other suggestions too.

Kevin Hammond: These would be realistic suggestions. We raised this with stake operators on the call last week. So SPA is aware of that and We start to coordinate the process when people get back from rare

evo but otherwise not aware of any major issues coming up from the security council. Great. Anything else anyone wants to raise?

Sebastian Nagel: Nothing right now. I might have topics for later in August,...

Neil Davies: Okay, Are we going to dis I can disappear then?

Sebastian Nagel: but I'm not around next week.

Kevin Hammond: Yeah. How's the hydro not behind working the layer to you.

Neil Davies: Byebye. Yes.

Sebastian Nagel: So, layer 2 working group is actually picking up we had very recent good discussions especially about the interoperability on payment as a special use case. So not only general UTXO interoperability but also the typical thing like forwarding payments which is happening in payment channel networks like lightning you could also imagine that between individual layer 2s even like u some are having a full isomorphic nature like hydra midgard and some others are much more minimal like I think subit or other kadano

Sebastian Nagel: lightning variants which work a bit like Bitcoin lightning and very interesting and I think the working group will be happening next week by hosted by somebody else than me because I'm not around George and Dominic are probably running it and...

Kevin Hammond: Do you want to...

Kevin Hammond: if you want us to tweet about that as well, Sebastian? This seems like a reasonable thing to do just to let the community know that it's happening. But it sounds like everything is operating well. It sounds like expanding the purpose, the scope of the group is working. So, thank you for

Sebastian Nagel: Yeah. Yeah.

Sebastian Nagel: Yeah. Yeah. If you want text, we could do something there. I mean, you are uploading the videos, right? we talked about that already. And there's activity in the discord channel now on intersect too.

Terence McCutcheon: Yeah, I have not checked that there are new uploads, but if there are, I will get around to those. Bear with me.

00:40:00

Sebastian Nagel: Yeah, I mean these are maybe not just flowing exactly into the right bucket probably because I just also handed over the invite to one of my hosts there because I will not recording next week, right? So they will be handing it and we need to just the links which we publish on the meeting notes are probably the best source always it's going to be a public link each time and...

Terence McCutcheon: Okay.

Sebastian Nagel: we can host it on YouTube too.

Kevin Hammond: Thank you, Sebastian. So, if nothing else to cover, thank thanks for attending. Thank you for participating and...

Sebastian Nagel: Yeah. Exactly.

Kevin Hammond: we'll catch everyone when they get back from their travels next week.

Sebastian Nagel: See you.

Kevin Hammond: Great. you. Bye, everyone.

Meeting ended after 00:41:11 🖐️

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