

Transcript
DNS Security and Stability Analysis Working Group (DSSA WG)
30 August 2012 at 13:00 UTC

Note: The following is the output of transcribing from an audio recording of the DNS Security and Stability Analysis Working Group (DSSA WG) teleconference on 30 August 2012 at 13:00 UTC. Although the transcription is largely accurate, in some cases it is incomplete or inaccurate due to inaudible passages or transcription errors. It is posted as an aid to understanding the proceedings at the meeting, but should not be treated as an authoritative record. The audio is also available at: <http://audio.icann.org/gnso/gnso-dssa-20120830-en.mp3>

on page

<http://gnso.icann.org/en/calendar/#aug>

Attendees on the call:

At Large Members

Olivier Crépin-Leblond (ALAC) (co-chair)

Cheryl Langdon-Orr (ALAC)

ccNSO Members

Wim Degezelle, (CENTR)

Takayasu Matsuura. Jp

Katrina Sasaki.lv

Jacques Latour.ca

GNSO Members

Mikey O'Connor - (CBUC) (co-chair)

Don Blumenthal - (RySG)

Rosella Mattioli (NCSG)

SSAC members:

Jim Galvin (SSAC Vice Chair)

Expert

Scott Algeier

ICANN Staff:

Bart Boswinkel

Julie Hedlund

Gisella Gruber

Apologies:

Andre Thompson

Rick Koeller, .ca (CIRA)
Julie Hammer (ALAC)
Mark Kusters (ARIN)
George Asare-Sakyi – (NCSG)
Joerg Schweiger (cCNSO co-chair)
Patrick Jones

Coordinator: Please go ahead. This afternoon's conference call is now being recorded.

Gisella Gruber: Thank you. Good morning, good afternoon, good evening to everyone. On today's DSSA Working Group call on Thursday the 30th of August we have Olivier Crépin-LeBlond, Cheryl Langdon-Orr, Vim Degezelle, Takayasu Matsuura, Katrina Sataki, Jacques Latour, Mikey O'Connor, Scott Algeier, Rosella Mattioli, Jim Galvin. From staff we have Bart Boswinkel, Julie Hedlund and myself, Gisella Gruber.

Apologies noted from Andre Thompson, Rick Koeller, Julie Hammer, Mark Kusters, George Asare, Jörg Schweiger, Don Blumenthal, who may be joining late, and Patrick Jones. I hope I haven't left anyone off the attendance list. And if I could also please just remind you all to state your names when speaking for transcript purposes.

Thank you, over to you, Mikey.

Mikey O'Connor: Thanks, Gisella. And a special thanks for filling in for Nathalie and wiring up this complicated Adobe audio stuff that we do. Fabulous job.

Welcome everybody. We'll take our usual two stops before we dive in. The agenda is quite sparse. We're just going to work on the roles, gaps, overlap stuff today. We've really got two things going; we've got a new picture to take a look at and then a first draft of a spreadsheet that I built that I want you to help me straighten out. Is there anything that people want to add to that agenda before we dive in?

Okay. And then any updates to people's statements of interest that they want to share with the group?

All right. What you've got on your screen in front of you is the latest version of the now circle diagram. Based a bit on our call last week I split the edge into two flavors of edge. There's the edge where you're doing stuff inside your organization and then there's the edge where you're doing things with more than one organization, a collaborative thing but it's still the doing stuff rather than coordinating or sharing or anything like that. So that's one modification.

And then I think the other is that I've arrayed all of the flavors of stuff that are at least on our list around the outside. I can't remember if that was on last week's or not. But anyway that's - what you see in front of you is sort of the latest version of the picture. And I'm thinking that we're getting pretty close to good enough for now. So if there's anything that leaps out at you on this one this would be a good time to bring it up.

Otherwise I want to swing us into sort of the next phase of the work, which is to start figuring out how we place people and organizations on this diagram. And I've got a first try at that that I want to run in front of you and see if we can tune it up.

So sort of take a look at this picture and it will disappear in a minute unless somebody brings up something. I'm not seeing a giant queue building so I think we're at least close enough to start moving into the next phase here.

That said let me - let me bring up my first draft spreadsheet to see what you think. What I did on this is I took those functions, if you will, that are arrayed around the edge of the diagram and I put them across the top of this table. And the four little colors, you know, the alternating colors are just to separate the columns but the four, you know, light to dark within each column is supposed to represent edge working its way to core.

And then the idea that I had when I made this, which I'm starting to already question, was - I was thinking that we would then put little Xs in the boxes like this. I'm just doing this by way of example.

((Crosstalk))

Cheryl Langdon-Orr: Okay. That helps. I was confused until the Xs started going in. Thank you.

Mikey O'Connor: Yeah. And so my first thought was that we would say, okay, well here are the things that CERTs do and here are the things that DNS-OARC does and so on down the line. There's another option; and that option would be to instead put numbers in there and then have a giant - essentially appendix that would say not only do the CERTs do research and analysis at the edge but here's the kind of research and analysis that they do.

And I'm sort of wavering on that. I think that there's advantages and disadvantages. The advantage is that I think we get a more complete view. The disadvantage is it might take us the rest of the year to finish this if we did that. So I'm interested in feedback on that idea.

The way I thought we would approach this, but, you know, all of this is first draft on the table for review and change and improvement, is that we would take a column, you know, we'd take Research and Analysis and the first thing we would do is kind of define what we mean by that.

And we might do sort of a first pass where we say well research and analysis, you know, examples of that include exploring the options for mitigating DDoS attacks or maybe that's too specific. Exploring options for mitigating attacks. I don't know; anyway start a list.

And then as we go through the list of organizations - this list, by the way, is not complete; it's just the one I had handy and so I stapled it in there but I know that there are more. As we went through and asked the question, well

do CERTs do this; does DNS-OARC do this, blah, blah, blah, we might enrich our description of what research and analysis means.

And so we would sort of go back and forth between those two things and sketch out sort of who does what in that column. I think the first time we do this it's going to take a while. It might take a whole call; it might even take several.

But my hope would be that as we kind of get our feet under us that we could do a column or two or maybe even three a day so that we could have a first pass of this done by the Toronto meeting and have something available for people to talk about when we're all together face to face.

So that's sort of the sketch of where things are at. What do you think? Is this close enough? Is there something we could do to make this work better? I take those Xs off before I forget. If this seems like a reasonable approach then we'll just go ahead and get started. Jacques is asking each column is each layer of the circle?

Yeah, each - so like in this first one, Jacques, this would be the edge internal; this would be the edge interacting with externals; this would be the sharing and this would be the core function. So I'll go back to the picture.

What we've got is four layers right now; two in the edge then the glue coordinating sharing layer and then the core layer. Oh. And so that's what those four columns represent.

The thought is that then that - what would be nice is if there would be a way that then we could take this pictorially back to the one page circle diagram so that we could, at the end of the day, sort of see where we've got a lot of coverage, where we don't have any etcetera, etcetera.

Cheryl, go ahead.

Cheryl Langdon-Orr: Hi, thanks. Cheryl for the transcript record. I like it. I understood it once you finally got the little Xs in. I was a little confused there for a while. So thanks for the Xs.

But you asked the question about the - well first let me say that again - I sound like Chris Disspain now. Let me say that again. I actually would prefer your number system so we have richer data sourcing. But I see your issue of how long it might take.

For our pre-Toronto or for our Toronto presentation could we not just do a sampler of a couple of things with the numbers so have the Xs as she is for this and then slip in a second slide saying in a deeper dive the results for this tabulation would be - and just, you know, do ICANN security team this is, you know, a registry or something.

I'm just - have the numerical thing there so people know where this could be headed. In other words have a dollar each way without taking a huge amount of time that it would take to do a complete data set.

Mikey O'Connor: Yeah, I think that's a great idea because I think the worry that the numbers present is the length of time it could take us to get through all that.

Cheryl Langdon-Orr: Yeah, if we took two or three, you know, a few days...

((Crosstalk))

Mikey O'Connor: Yeah.

((Crosstalk))

Cheryl Langdon-Orr: ...would look like.

Mikey O'Connor: Yeah, we could maybe do a column and a row just to show...

((Crosstalk))

Cheryl Langdon-Orr: ...there of course is you could then have a - especially at this stage with a smaller group, you know, I'd have to think more a little bit later on the graphic nature of it. But rather than have that going back just to your single circle diagram - because that might get a big overwhelming with data...

Mikey O'Connor: Yeah.

Cheryl Langdon-Orr: ...eventually you could have another pie chart diagram, which is a 3D which has the callout and the specific stuff in a - now you can do the callout from 3D charting that - a piece of a pie is - goes into a set of bars as well. Anyway I think there's a clever way where you could, you know, visually look at that data as well if we had just two or three that could be thrown up.

Anyway that's enough of my prattle. Thank you.

Mikey O'Connor: Well that's pretty good prattle. I like that prattle. And I think it does - what would be really nice is to at least have the Xs version of this done by Toronto and then, you know, if we can get - if we can get some of the numbers in there that would be great but I do worry a bit about the number thing.

And just for fun let me try something here. I just want to see - this is too small for numbers to fit. If I widen it just a little bit. Does a number fit in here? Oh it does. We've got at least room for two numbers. Maybe not.

((Crosstalk))

Cheryl Langdon-Orr: That worked, you had four...

Mikey O'Connor: Two is it, yeah. After that we're done. But at least that fits on a screen which would be good. Cool. All right any other thoughts about just format stuff? If not we could, you know, I think one of the best ways to test one of these is to actually go ahead and do some of it. And I'm sure we'll stub our toe on something and then we can figure out what to do from there.

So why don't we just start doing? And for no other reason than it's at the upper left let's start with Research and Analysis and just see kind of what we learn from this. Wondering what happens if we go like this? Yes I am mumbling.

Cheryl Langdon-Orr: See, you don't even have to have me tell you now; you...

((Crosstalk))

Mikey O'Connor: I know. I'm well trained.

Cheryl Langdon-Orr: You've become a self regulatory model.

Mikey O'Connor: Yeah. Perfect. Does it - I think it might help to have that circle diagram in front of us while we do this; that's what I was checking. And so there it is. It's not exactly gorgeous but what the heck.

So if we were to sort of go down the list. And I think maybe the easy way to do this is to just go down the column and say okay who on this list does research and analysis of DNS security stuff inside their own organization?

And I would presume that almost all of these do. Some of these, I confess, I don't know. I don't know the third one and the fourth one on the list well enough to know what their nature is. But I would presume that, you know, certainly the CERTs would, certainly DNS-OARC would. Anybody chime, you know, yell at me if I'm making a mistake. But I'm going to just start filling them in.

I'm not so sure about the ICANN SOs and ACs. I don't see them as a big research and analysis source for DNS...

Cheryl Langdon-Orr: Other than SSAC.

Mikey O'Connor: Yeah. And SSAC gets called out on its own so it gets, you know, I realized that there was a goof there but certainly SSAC and RSAC. I would go ahead and presume - well, you know, oh you know what, we don't have Registrars on here. There's one to add right off the bat. Stick them in there.

NRO - NRO - what's - does the NRO do research? Anybody in that gang want to - or familiar with that gang want to chime in on that? I don't know enough about what they do to be able to say. Not getting overwhelmed.

Cheryl Langdon-Orr: No, my natural - Cheryl here - my natural inclination is to say yes but we can always pop off a quick email to (John) to get an answer on that.

Mikey O'Connor: We'll try another character. We don't know. Network operator groups; what is that? Is that like NANOG? I would assume that they do research. Is Warren on the call? No.

Cheryl Langdon-Orr: Olivier...

((Crosstalk))

Mikey O'Connor: Olivier in the queue. Go ahead, Olivier. Sorry, I didn't see your hand go up.

Olivier Crépin-LeBlond: Thank you, Mikey. It's Olivier for the transcript. Can you hear me?

Mikey O'Connor: Yes, just fine.

Olivier Crépin-LeBlond: Okay. Good. The network operator groups are like NANOG, like UK Network Operator Forum, all of these that are primarily dealing not with names and numbers but with the actual pipe work, the plumbing part of the Internet.

So I wouldn't be able to answer your question but I can just - that's what they do. I don't know whether - how it relates to the research and analysis.

Mikey O'Connor: Well maybe we've got a question mark there too then. Does ISOC do DNS security in the sense that we think of it in this working group research? Does anybody know? Again I don't think of them necessarily doing that kind of stuff but I'm also not a member of that so...

Jim Galvin: This is Jim.

Mikey O'Connor: Yeah.

Jim Galvin: So I would say no.

Mikey O'Connor: Okay. All right. How about the IETF? That's why I was looking for Warren because Warren has - I think he chairs a working group in the IETF that's called something like DNS Security.

Jim Galvin: He's doing the - this is Jim again. Warren is Chair of the (Dean) Working Group in the IETF. But the IETF itself doesn't do research per se but there is an arm of the overall infrastructure that exists under ISOC called the IRTF - Internet Research Task Force...

((Crosstalk))

Jim Galvin: ...where they have bodies that do explore deeper issues and do what I would consider research in the context that we're defining here.

Mikey O'Connor: So the IRTF is a subset of ISOC? Display it like that?

Jim Galvin: No, you need to understand the IETF structure, right. You have - the IETF and all of its parts exist under the legal umbrella of the Internet Society.

Mikey O'Connor: Oh.

Jim Galvin: Okay. And you have the IAOC, which is the administrative body and underneath that we have the standards part of it and the research part of it. And so we have the IRTF, the Internet Research Task Force and the IETF, the Internet Engineering Task Force. And inside the IETF we have, you know, the IAB and the IASG and working group chairs and document editors going on down the hierarchy. So IRTF and IETF are peers to each other.

Mikey O'Connor: Okay.

Jim Galvin: Both existing under the legal umbrella of the Internet Society.

Mikey O'Connor: So if I - see if I can do this. Bet I can't. So ISOC is the parent?

Cheryl Langdon-Orr: Legally speaking, yeah.

Jim Galvin: In a legal sense, yes.

Mikey O'Connor: Okay. And then...

Jim Galvin: But ISOC is very careful to assert that it in no way, you know, biases or controls or manages or anything the IETF; they provide simply a legal umbrella.

Mikey O'Connor: Okay. And then the IRTF lives within the IETF; is that right?

Jim Galvin: Lives alongside of it; it's a peer.

Mikey O'Connor: Okay.

((Crosstalk))

Mikey O'Connor: Okay. So let's do it this way. Well except that then that kind of implies more - so we'll just leave them like that. And then there's the administrative one...

Jim Galvin: Yeah, but I was mentioning that for completeness. I really don't think I would list it here.

Mikey O'Connor: Okay.

Jim Galvin: I would stick to IETF and IRTF; that's really the only thing that people think about when they think about standards - Internet standards.

Mikey O'Connor: Yeah, all right. So the IRTF would be the place where the research would tend to get done.

Jim Galvin: Yes.

Mikey O'Connor: Okay.

Jim Galvin: That's what I would say.

Mikey O'Connor: All right. Anybody want to fill me in on what these two are? I just don't - I don't know anything about them; never heard of them.

Jim Galvin: First - this is Jim Galvin again. So first is sort of the parent organization, if you will, that CERTs belong to.

Mikey O'Connor: Oh.

Jacques Latour: Jacques here.

Mikey O'Connor: Go ahead, Jacques.

Jacques Latour: That some CERTs belong to. There's a...

((Crosstalk))

Jacques Latour: ...first is for like North America. There's Trusted Insider for (Europe). There's AP-CERT for Asia. There's four or five different organizations that are top level kind of CERT stuff.

Mikey O'Connor: Okay so let's rattle those off. So there's - what are the other ones? Just run through those again, Jacques, because I...

Jacques Latour: The AP-CERT, I think.

Mikey O'Connor: Okay.

Jacques Latour: And the Trusted Introducer. There's more.

Mikey O'Connor: Etcetera. Okay. And so they're a container within which CERTs live. Would those containers tend to do research or not?

Jacques Latour: No they do global coordination I think. Or they build trusted groups.

Mikey O'Connor: Okay but would they coordinate the research? In other words would they tend to live instead of at this layer would they be more of a GRU kind of organization that helps CERTs decide which kind of research to do?

Jacques Latour: Katrina runs a CERT; maybe she knows more.

Mikey O'Connor: Ah, Katrina, way to go putting Katrina on the spot. And you - how's your audio, Katrina? Are you able to speak? Sounds like not. Yeah. Katrina says obviously not. Oh well.

It may be - if you're coming in only through Adobe it may be that you, on your end, need to enable your microphone.

Cheryl Langdon-Orr: However, she has said yes, which I think is the answer to your question.

Mikey O'Connor: Oh there we go. Oh well. Let's put a question mark in that. I'm quite interested in that...

Cheryl Langdon-Orr: Good to have something at a lower level anyway. Oh.

((Crosstalk))

Mikey O'Connor: Yeah, at least - well maybe we put a - that's what we'll do, we'll put a question mark there. Oh they don't - yeah, Katrina is saying they don't do any research but...

((Crosstalk))

Cheryl Langdon-Orr: ...coordinate.

Mikey O'Connor: ...it's just - it's primarily the - it's just a database of trusted CERTs. Okay so...

((Crosstalk))

Mikey O'Connor: ...then the question would be do they - do all of those first AP-CERT, Trusted Introducer and so forth, do they all behave the same way or do some of them do this and some of them not? In which case we might want to list them separately rather than all together.

Cheryl Langdon-Orr: Have to ask the question. Mikey, can I take you back to your column where you've got ICANN SOs and ACs.

Mikey O'Connor: Yeah.

Cheryl Langdon-Orr: And then you pulled out two ICANN ACs, lower (out). That seems just silly to me. First of all anyone who doesn't know that RSAC and SSAC belong to ICANN that doesn't seem clear. So you can either have under ICANN as a parent your ICANN security and then your SOs and ACs.

But I would suggest that seeing as your SOs and ACs have sort of - two of the ACs obviously do and two, one of which - well two would currently be question marks but you could actually argue a little bit that that may not always be the case because the others are, you know, governments may believe that they do do something in the GAC that might be research-based at a future point.

So let's pull them out and sort of have the opportunity to see that, you know, GAC and ALAC currently don't. The SOs apparently don't but RSAC and SSAC certainly do.

Mikey O'Connor: Okay so we've got GAC...

Cheryl Langdon-Orr: And obviously you'll have to put - then you just take the ACs away because you've got the ICANN SOs. But then I don't know that the ASO doesn't - you've got the NRO, I mean, it might be that NRO does and ASO doesn't or vice a versa so, you know what I mean?

Mikey O'Connor: I'm getting there. Hang on, let me get - let me get those rascals up in the right spot. Let's see okay so I - trying to think - we got the whole list...

Cheryl Langdon-Orr: Got the ASO in there, yeah.

Mikey O'Connor: What's the one I'm missing, Cheryl?

Cheryl Langdon-Orr: ASO unless I'm blind. You see if it's under ICANN...

Mikey O'Connor: Yeah.

Cheryl Langdon-Orr: ...it's an ASO or you can - ASO/NRO because they're sort of interchangeable from an ICANN point of view. But I think you might find NRO might not want to be, you know...

Mikey O'Connor: They might not want to be lumped like that, huh?

Cheryl Langdon-Orr: Well technically they should be lumped like that if you're looking at it as under ICANN hierarchy because it's the ASO is the support organization of ICANN that brings the NRO voice into the process. Feel like I'm doing an orientation course.

((Crosstalk))

Mikey O'Connor: Yeah, well, you know, that what happens when you're dealing with an idiot.

Cheryl Langdon-Orr: I'm not.

Mikey O'Connor: You know, these are the parts of the world that I don't know real well so that's fine. Why don't we leave them separate since we think that the NRO - oops - does research. But what do we think about the ASO? Do we think they do research? Probably not.

Cheryl Langdon-Orr: I couldn't answer that question but I think we can certainly ask those questions or put question marks if in doubt.

Mikey O'Connor: Yeah. We probably need to ask the GAC whether they think they do research.

Cheryl Langdon-Orr: And you've got Olivier - the Chair of the ALAC's hand up so he might be trying to answer you.

Mikey O'Connor: Oh hello, Olivier. When I'm this deep into my screen you should just yell at me; you shouldn't be so polite. Go ahead.

Olivier Crépin-LeBlond: Thank you for noticing, Mikey. It's Olivier for the transcript. Or did you not notice me, I'm not sure.

Cheryl Langdon-Orr: Cheryl noticed you, Olivier.

Mikey O'Connor: Cheryl noticed you.

Olivier Crépin-LeBlond: Oh Cheryl did. Thank goodness I have some colleagues that notice me...

((Crosstalk))

Olivier Crépin-LeBlond: ...not Mikey. If I resorted to Mikey I'd never be noticed. Quickly - sorry, Mikey, I didn't mean it.

Mikey O'Connor: I know.

Olivier Crépin-LeBlond: Quickly the NRO is really - the Number Resource Organization is the grouping of all the regional Internet registries. So we're looking at all of these. And I believe that they would probably be doing some research.

I certainly know that RIPE is doing research. So if one of them does then I gather the - they do.

Cheryl Langdon-Orr: I think most of them do.

Mikey O'Connor: Yeah.

Olivier Crépin-LeBlond: So - so, yes, the NRO I would say. But address - the ASO is just a bridge - a political body; that's where the ASO brings in just the link over to the Council. So what you have is the ASO address Council, you've also got then the ASO which really is the bridge for the NRO. That's why you have (John Haran) of the NRO and you have (Louie Lee) of the ASO. I don't think that the ASO does any research.

Mikey O'Connor: How about the - the same question which is would they do any of the...

Cheryl Langdon-Orr: They may coordinate.

Mikey O'Connor: Yeah, glue, steering, coordinating kind of stuff.

Olivier Crépin-LeBlond: Yeah, that's - they definitely do. And both the NRO and the ASO do. And it's Olivier for the transcript.

Mikey O'Connor: Okay so then the question is...

Cheryl Langdon-Orr: Hang on; we were only going down one column so we've got to figure these are not doing that at the moment but yes.

Mikey O'Connor: Well, yeah, I know but...

((Crosstalk))

Cheryl Langdon-Orr: ...where you are.

Mikey O'Connor: I am cheating just a little bit. Well, yeah, it's true it'll drive us crazy if I jump across columns. I'm going to just...

Cheryl Langdon-Orr: Mikey, I think you mean you'll drive us crazier...

((Crosstalk))

Mikey O'Connor: Oh well there is that.

Cheryl Langdon-Orr: ...across the columns.

Mikey O'Connor: I do like the respectful tone that my colleagues take to their co chairs on these calls. I'm going to go ahead and put the dang things in there anyway. And I'm going to at least put question marks so that we remember to come back to that one.

All right I represent the GNSO and I don't think of the GNSO as doing research on DNS security. But I'm...

Cheryl Langdon-Orr: Issues statements - issues papers?

Mikey O'Connor: Yeah, that's the thing is that there's this fuzziness to - I guess I'll give us the research thing. How about the ccNSO?

((Crosstalk))

Mikey O'Connor: Is Jörg - Jörg isn't on. Do we have any - well, Jacques, you're...

Cheryl Langdon-Orr: Uncle Bart's on.

Mikey O'Connor: Yeah and Uncle Bart is on and Olivier's got his hand up. Go ahead, Olivier and then others chime in as need be.

Olivier Crépin-LeBlond: Thank you. Olivier for the transcript. I believe that both the GNSO and ccNSO some members would be conducting research. I wouldn't think that the GNSO itself or the ccNSO itself conducts research.

Mikey O'Connor: Yeah and we've got those members already represented...

Cheryl Langdon-Orr: Down there.

Mikey O'Connor: ...down here.

Olivier Crépin-LeBlond: Yeah. So...

Cheryl Langdon-Orr: But that...

((Crosstalk))

Olivier Crépin-LeBlond: ...notable.

Cheryl Langdon-Orr: Hang on. Hang on. You have to be very careful with things just before Bart jumps in with the ccNSO. Of course the ccNSO is only a subset of the operators of the TLDs, not all of them. And indeed it might be managers who aren't the registry at all. So be careful what you're saying.

Mikey O'Connor: Yeah, yeah. So would we - would that, you know, Bart, Jacques, what do you guys think in terms of...

((Crosstalk))

Mikey O'Connor: ...things happening at the ccNSO level rather than at the registry level? Any research at the ccNSO that we should acknowledge here?

Cheryl Langdon-Orr: Bart says no.

Mikey O'Connor: I'm getting crickets so I'm assuming no.

Olivier Crépin-LeBlond: It's Olivier here. Some members do. I know of some ccTLD operators that do research and...

((Crosstalk))

Mikey O'Connor: Right. We've got them called out on their own.

Olivier Crépin-LeBlond: Yeah, so - but again the Council itself - the ccNSO really is the ccNSO - the group with the Council I guess and the GNSO would also be looked at the GNSO...

((Crosstalk))

Cheryl Langdon-Orr: Hold it. Sorry, Cheryl here. The ccNSO, like the GNSO, is a group of members; each of which have a Council which is a slightly different thing. So if you're talking ccNSO and GNSO you're really talking the equivalent of your ALAC (rollers) with these member ALSs. It is the members' list is the ccNSO. You have ccTLD operators and they may or may not be managers and registries or just registries that are ccTLD operators and members of the ccNSO.

But that is - neither of those is the GNSO or ccNSO are saying that that's Council position. But that's the difference between and SO and an AC of course. So just, you know, while we're splitting hairs let's be careful we split them in the right direction.

Mikey O'Connor: Yeah, so I'm...

((Crosstalk))

Cheryl Langdon-Orr: And I think there's a few things - the (S) part is yelling at us now - in the chat that need to be picked up. Katrina has given you a few, (ex-term) supporting and then Bart is pulling his hair out just to ask the people who are members of the group and not to speculate so ask the people who know.

Mikey O'Connor: Oh you're no fun, Bart. God, look at, he's got all caps in there.

Cheryl Langdon-Orr: Yeah, yeah, I told you...

((Crosstalk))

Mikey O'Connor: We've got him worked up.

Cheryl Langdon-Orr: Yeah, yeah, Bart...

((Crosstalk))

Mikey O'Connor: That's the first time I've ever seen Bart worked up. That's a - I'm going to tick that off on another - this is a good day, you know, get Bart going. That's pretty good.

((Crosstalk))

Cheryl Langdon-Orr: You realize, Bart, it's because Mikey isn't looking at his chat.

Mikey O'Connor: Yeah, I know I've...

((Crosstalk))

Mikey O'Connor: What is going on here? Why when I type an X - oh I see why. I got totally distracted; I'm like the pilot of a plane that's getting ready to crash trying to look at an indicator light and understand why it doesn't work right meanwhile flying the plane into the ground.

Let me just pick up one thing here because what we've got going on is...

Cheryl Langdon-Orr: Mikey, while you're putting the tinsel on the tree...

Mikey O'Connor: Yeah.

Cheryl Langdon-Orr: Cheryl here. Can I ask the definitive positioning of these little pieces of data, yay, nay or maybe, how would they be collected? Would it be a short survey style? Would it be a questionnaire done by people who ought to know? I mean, how...

Mikey O'Connor: Well I think the tricky...

((Crosstalk))

Mikey O'Connor: ...question - and this is the...

Cheryl Langdon-Orr: ...basically.

Mikey O'Connor: Gracious, I am totally behind on the chat. Let me - let me get to the bottom of the - this is the desk research versus poll puzzler. And I kind of wanted to take a stab at desk research today to see how that was going to go.

Cheryl Langdon-Orr: If we look at that you might actually be able to answer Jacques's point which is, you know, why do we need to dissect it too far down or not or how far to dissect it.

Mikey O'Connor: Let's see the third time; my goodness. Suggest, as said before, let the members of each group fill in the list. Bart is - you should also list the regional organizations like Center. Yes but members are not ccNSO. God, I'm totally - I'm so far behind the chat that I've lost all and jumbled all the threads together. Isn't that great? Complete thermal nuclear meltdown. I love it when all the plates fall to the floor and go crash.

Cheryl Langdon-Orr: It's like a Greek wedding, yeah.

Mikey O'Connor: Let's see. How to step back from all this and recover. So - and then Jacques has got a question that Jim would like an answer to as well. So maybe we are over granular-izing this. Because, you know, it does get a little tricky when we start doing all that hierarchy stuff. On the other hand...

Cheryl Langdon-Orr: Cheryl here...

((Crosstalk))

Mikey O'Connor: ...one of the things that I...

Cheryl Langdon-Orr: ...need to know. Cheryl here. That's where you need to know how far to stop the cart because...

Mikey O'Connor: Right.

Cheryl Langdon-Orr: ...you could just have ICANN there and, you know, then you decide to list IANA or not; then do you list, you know, the SEC teams and the - not and the rest of it or not. You just sort of have to draw an arbitrary line in the sand and say, you know, we'll stop at regional rep level or whatever.

And that's okay too once we decide that. But I think you proved the principle here. We've still got to decide that we - or hope we decide we don't want to get too granular and we don't want to take it down to the minutiae. But that will also be influenced by the how you're collecting the data.

Mikey O'Connor: Well and one of the things that's nice about getting a bit more granular is that - remember, I mean, there's tremendous - there's a tremendous opportunity to reduce the confusion in the DNS Security ecosystem by describing who does what.

Cheryl Langdon-Orr: Yeah.

Mikey O'Connor: And we probably don't want to leave it so summarized that we confuse people. So there may be an advantage to going at least one level - and in the case of the GNSO and the ccNSO probably two - just to get to the bottom of who does what if nothing else so that people have a bit of a roadmap as to who to call up and who to ask.

So I'm okay with a bit of granularity. I think that it would be - I suppose back to Bart's point what we could do is ask - have we got people inside the DSSA that we could ask some of these sort of organizational questions of or do we have to go out to the wider world? It would be nice if I could publish a list to the DSSA list and let people fix it...

Jim Galvin: So this is Jim...

Mikey O'Connor: ...preferably on the next call. Go ahead, Jim.

Jim Galvin: I thought, in principle, that our rather large membership was intended to include representatives of a pretty broad cross section of ICANN at least.

Mikey O'Connor: Yeah. Yeah and so one approach would be to try - I'm trying to figure out how to get this list tidied up or at least a first cut at it - tidied up by next week. Should I publish - maybe the thing to do is beat this list up a bit more on the call, publish it and let people react. How about that for an approach?

Cheryl Langdon-Orr: Cheryl here. I'm tempted to like it but I think I'd like a little bit more. I think you might need to actually - can I use the word poll review without you going too far?

Mikey O'Connor: You know where I go with polls.

Cheryl Langdon-Orr: It is scary when you get hold of polling.

Mikey O'Connor: Yeah.

Cheryl Langdon-Orr: I know that.

Mikey O'Connor: Yeah.

Cheryl Langdon-Orr: But I think we need to have some specific questions because people who are on our list but haven't had the context of this call will be wondering what the hell they're supposed to do with this published list otherwise. I think we need to say, you know, please answer the following.

Mikey O'Connor: Yeah. And what would that list be?

Cheryl Langdon-Orr: Research - do research; coordinate research, you know?

Mikey O'Connor: Oh, well, so there's two - I wasn't thinking of going...

Cheryl Langdon-Orr: I think you should go down a couple of layers because it's no point asking people to answer single question, you know, yes, no, as opposed to three yes/nos would be...

((Crosstalk))

Mikey O'Connor: I was going to ask them the question, "Is this list structured right?" I wasn't going to ask the question, "Do you do these things?" So that's a good clarification.

What I was going to do is publish this list - just the far left column - once we've got it tidied up and let the representatives of the various groups tell us whether we've got them organized right. Now maybe I've totally misunderstood; are people saying no, no, no publish a poll and ask the question, "Do you do this research?" Is that what you're getting at, Bart and others?

Because what I was thinking we were going to do is rather than bug people with polls we were going to do desk research first and then ask. So I'm happy to back entirely out of that driveway and come at it a different way.

Jacques Latour: Jacques here.

Mikey O'Connor: Go ahead, Jacques.

Jacques Latour: I think we should fill in - like I just put a note there but, you know, some ccTLDs do research and some don't. So that's a fact. But maybe what we should do in here is fill in what the - what we think the best practice is, you know, a ccTLD should do these things across the ecosystem. And then we agree that, yes, this is a best practice. And then people can use this as a tool to do a gap analysis. And that's how they can get better at doing their job.

Mikey O'Connor: That's intriguing.

Cheryl Langdon-Orr: Yeah, Cheryl here. I like that as a feature point. I think that's a consequence of doing things this way but I'm very comfortable with that as a direction.

Mikey O'Connor: Now that gets - that gets us back to how do we get this done?

Cheryl Langdon-Orr: Bart's just made a suggestion.

Mikey O'Connor: Oh not only have we raised his blood pressure but we've...

Cheryl Langdon-Orr: Pushed him too far.

Mikey O'Connor: Pushed him too far and he's dropping off the call, the poor dear.

((Crosstalk))

Cheryl Langdon-Orr: Yeah.

((Crosstalk))

Mikey O'Connor: That was...

Cheryl Langdon-Orr: Stay cool, Bart. Cheryl here. Stay cool. Stay cool.

Mikey O'Connor: The poor dear. Okay I think, you know, we're starting to lose a little bit of momentum. I think what I've gotten out of this is valuable feedback. Let me take another try at this spreadsheet, bring it back to you I think next week and, you know, let's pick this conversation up again because I need to sort of digest all this.

But this has been really useful because it's only when you actually dive in that you find out the troubles. But now I need to step back and listen and think and...

Cheryl Langdon-Orr: Yeah, Mikey, Cheryl here. One last thing before you close off on this section. I would argue against the split under GNSO and ccNSO of registries and backend operators. I think I was far more comfortable with them just listed stand alone recognizing that, for example, registries can be in both the GNSO and the ccNSO.

We know that and if we have to say - but so I wanted to subset out things like GAC and ALAC but I didn't want you to go too granular beneath what we call GNSO and ccNSO. I think they're better off picked up in the lumping of what they do from an industry perspective than where they may or may not be members because the same membership situation may come in under the various coordinating bodies that are involved in the CERT as well.

You know, I don't know, you could be a member of more than one; I have no idea. But I just don't think we need to get too far in the weeds - I'd keep it at sort of a - nothing less than regional level type representative role for an org.

((Crosstalk))

Mikey O'Connor: Well how about that for a list then? You know, if I took those out...

Cheryl Langdon-Orr: Yeah, I think if you play now that might be better.

Mikey O'Connor: Anybody feel great pain in approaching it that way? Because that's certainly easier to understand and manage for me. And, you know, the other thing is that we get the benefit of being the people that are doing the first try and then people can go well that's dumb. And then they can do the next try.

Cheryl Langdon-Orr: Cheryl here again. Mikey, the only other thing is as you're just doing a final pass over this draft list before you put it out to the list can you just go back to your chat and just look at some of the points Katrina made because I think there were some names that she said that maybe should be treated or added or managed slightly differently so...

Mikey O'Connor: Oh yeah, the (TSC)-CERT group...

Cheryl Langdon-Orr: Yeah, yeah. I'm not suggesting we do it now but I'm just saying that before you put it out to the list we pick up on it what she gave us at least. Otherwise she'll have to say it again to the list and that would be annoying for us.

Mikey O'Connor: Yeah, okay. So let's see, (Terrena) is the organization that outsources - okay so what I'm hearing is that we did this and then we put (Terrena) in there as a separate thing, right, because it does a different thing. Like that - does that capture the thing at the right level?

Jim Galvin: You're getting comments in the chat room there again from Katrina. And this is Jim for the transcript. And I just wanted to add to a couple other comments along the way here that we're getting to the top of the hour here and I too happen to have a hard stop today and need to drop off.

Mikey O'Connor: Yeah, and Jacques is saying in the weeds and Katrina is agreeing. Okay so we'll take that one out. Do it like that. Okay it is the top of the hour. Well it's not quite, it's 50 seconds from the top of the hour but close enough. So I think we'll call it a day at this point.

I actually think we made a fair amount of progress here. And I appreciate all the help. So we'll see you in a week and have a great - for those in the US that have a bank holiday have a great holiday weekend. We'll see you next Thursday. That's it.

Cheryl Langdon-Orr: Thanks, Mikey.

((Crosstalk))

Jim Galvin: Thanks, Mikey. Thanks, everyone.

((Crosstalk))

Mikey O'Connor: Gisella, that's it. (Tim), I think we can stop the recording and shut all this down.

Coordinator: Certainly. One second please.

END