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COPENHAGEN - ICANN58 Opening Ceremony  
Monday, March 13, 2017 - 09:00 to 00:00 CET  
ICANN58 | Copenhagen, Denmark

BRAD WHITE: Ladies and gentlemen, welcome to ICANN 58's opening ceremony. Please welcome Jean-Jacques Sahel, the Vice President of Global Stakeholder Engagement for Europe.

[ Applause ]

JEAN-JACQUES SAHEL: Merci, bonjour, hej/godmorgen, good morning. It's in my capacity as ICANN's regional vice president for Europe that I will be officiating as your master of ceremony today, and first off, I'd like to welcome you all to this 58th meeting of ICANN in Copenhagen. Welcome to Europe. Welcome to Denmark.

And I'm delighted to see many of you here from all over the world. Our stakeholders, the leaders of our sister organizations, RIRs, ISOC, IETF, et cetera, so many others. Good to have you all here and thank you for making it to ICANN 58.

I'd also like to recognize and thank Minister Mette Bock for being with us today, the Minister for Culture, as well as Finn Petersen and Henrik Udsen and all their staff and colleagues at the Danish Business Authority, .DK host-master and the Danish Convention

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*Note: The following is the output resulting from transcribing an audio file into a word/text document. Although the transcription is largely accurate, in some cases may be incomplete or inaccurate due to inaudible passages and grammatical corrections. It is posted as an aid to the original audio file, but should not be treated as an authoritative record.*

Bureau for all their help in recent months in organizing today's -- or this week's momentous event.

And really I'd like to welcome you all here, the techies, the businesses, the academics, the ministers, the government officials, the nonprofits, and our own users who make this ICANN this great global community.

And this week we've got plenty of work to do. It's a very, very busy and exciting schedule, as you know, so in order to tell you more, it's my great honor and pleasure, ladies and gentlemen, to call on stage the man who, when we have a coffee break in between meetings, still tries to teach me advanced mathematics.

[ Laughter ]

To no avail. And frankly --

[ Laughter ]

-- I think none of us would be here today, I think it's fair to say, if together with a few colleagues he hadn't created something truly revolutionary that's still today changing the world for the better, the Internet.

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So please welcome on stage, the chair of the ICANN board, Dr. Stephen Crocker.

[ Applause ]

DR. STEPHEN CROCKER: Thank you, Jean-Jacques. That was very generous. I paid close attention, actually, when you were listing the different components of our multistakeholders and I was very pleased, actually, that you put the techies first.

[ Laughter ]

It's an enormous pleasure to be here. My first trip outside the U.S. to Europe was actually to Denmark, to here, and for reasons that I can't explain, it has just not happened that I had an opportunity to come back, so I've been looking forward to this for quite some time.

So I'm going to say a series of formal remarks, as required, and try to squeeze in a bit of informal as well.

Distinguished ministers, ICANN community members, colleagues from other Internet organizations, ladies and gentlemen, welcome to ICANN 58. Our presence in Denmark is fitting, since only a couple of weeks ago the European

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Commission declared this country one of the most technologically advanced in Europe.

As people here know, many Danes are accessing the Internet through mobile devices linked to the nation's 100% 4G cellular systems which last year facilitated a 97% Internet penetration rate.

We're done, right?

[ Laughter and Applause ]

Yeah.

[ Applause ]

There's no doubt that Denmark is a connected country and I'm hoping that in the coming days, we too can become connected, perhaps, on a more personal level.

Not on the script, I'm reminded that when we were working on the very first part of the Internet, the ARPANET back in the late 1960s, we began a tradition which has not been mentioned much but we made up a slogan -- many, many slogans since then -- and our slogan at the time was "Networks Bring People Together," and I think that that remains true.

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You've come from all corners of the world to be here in the beautiful city of Copenhagen, but our collective journey encompasses far more than geographic distance.

We've arrived here at our 58th public meeting after 18 years of work, collaboration, and outreach, and in that time we have met and worked with many different people, been exposed to many different cultures, and we've grown. Sometimes painfully. We've grown, all of us, the community, the organization, and the board.

The IANA contract is now part of our past and no longer defines our future, but as the new future becomes clearer, it is important that the choices we make, our priorities, be set within functional parameters, that they be weighed against reasonable budget and funding considerations.

Uh-oh, what does that mean?

[ Laughter ]

We will now be judged largely by the way we collectively construct our future, one that will be, one that must be, built on a foundation of transparency and accountability. These two elements are not just important, they're absolutely vital.

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In a few minutes, you'll hear from our CEO, Goran Marby, who will talk about the steps the organization is taking to further ingrain transparency and accountability into our institutional DNA.

The board is also trying to increase its transparency and is engaged in a pilot program to determine how we might best open some of our sessions. We've done two already.

We are also well aware of your role as the empowered community and we realize that you will be the ones who ultimately determine our direction.

At the end of the day, one of our top priorities must be that we continue to strengthen our technical orientation. It's those operations that lie at the heart of our small, but significant, role in the Internet ecosystem. And one of our top priorities is the security of the domain name system.

In October -- five, six months from now -- for the first time we will be changing the cryptographic keys to the DNS. Our chief technology officer, David Conrad, will be talking more about that in a few minutes. He will also talk about a new testing platform that is going online today, one aimed at assuring that we are all ready, once the keys are changed later this year.

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In addition to assuring the security of the DNS, a great deal of work is occurring here in Copenhagen in the arena of policy and advice development.

As you know, this work is part of the fundamental core functions of our organization. There will be further community discussions on a number of important issues such as the review of the all-rights protection mechanism in all gTLDs, next-generation registry directory services to replace WHOIS, retirement of ccTLDs and review mechanism for decisions on delegation, revocation, and retirement of ccTLDs.

That sounds very boring. If you step into that room, you will hear, I'm sure, a pretty heated discussion.

A framework for the use of country and territory names as top-level domains.

The Address Supporting Organization will also hold its annual meeting, and a review committee on the IANA numbering system will convene.

Each of the advisory committees also has a busy schedule. At-large will address the at-large structures criteria and responsibilities, a recent draft organizational review, and Work Stream 2 issues.

The Governmental Advisory Committee will be meeting with various supporting organizations, including cross-community sessions on DNS abuse mitigation, underserved regions, and data protection.

The Root-Server System Advisory Committee is raising awareness of three recent publications concerning the history and evolution of the root server system.

And the Security and Stability Advisory Committee will hold its DNS workshop, DNSSEC workshop, and describe recent reports, current activities, and goals with the community.

We're aware that substantial community time and effort is being devoted to efforts such as meeting the requirements of the new bylaws reviews and accountability efforts, and I'd be remiss if I didn't point out the important and ongoing work of Work Stream 2 working groups.

Finally, I want to note that the second course organized by the ICANN Academy on Chairing Skills is ongoing. We want to encourage community leaders, both new and experienced, to continue taking these courses.

These serve as an absolutely excellent entree into how we work and prepare people for leadership roles in the future.



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Please know that we recognize and appreciate the hard work that many of you have put into dealing with all these very difficult issues, and the way we deal with these issues and the many others we face will help us define us to the rest of the world and ensure confidence. And that speaks to the importance of embracing clarity and certainty in our processes.

This is another area that Goran will talk about shortly, one that's of great interest to the board.

We are sometimes viewed as if we were like a government. We are not. We are not a profit-oriented enterprise. On the other hand, we sit somewhere in a vaguely-defined role, and we should make the best of it, rather than the least of it, and use the advantages that we have and the flexibility to be effective and efficient in addition to being transparent, accountable, and operating in the public interest.

In the evolutionary post-transition period, we all need to be focused on refining a smooth, steady, predictable operation, one that instills confidence, and as I just suggested, a key focus is on execution. That means getting things done, but of course we want to get things done right and, even more importantly, we want to get the right things done.

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We need to assure that what gets done is a result of collective and inclusive effort. We're a global technical coordination body but we cannot, must not, forget that we are human beings who want to share -- who share a want and a need for respect and appreciation. And respect is an important element in the foundation of the multistakeholder model.

To that point, we have already had some meetings to hammer out an anti-harassment resolution, which we hope to have finalized by the end of this meeting.

In Singapore, two years ago, I emphasized the importance of having empathy for one another, and that's a message I want to repeat today.

We need to listen to each other at least as much as we talk to each other. We need to appreciate that even in the face of disagreement, especially in the face of disagreement, we need to connect on a human level. Empathy and mutual respect must frame all of our discussions.

Just before coming to Denmark, I learned about something here that might help us in this regard. It's quite fascinating. I'm talking about the Danish national character known as -- and I'm going to screw this up -- Hygge? Close enough? Thank you.

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It refers to a state of mind where all one's needs are in balance. It's a comfortable, warm, and inviting state of being, despite the weather.

Hygge is becoming a leading Danish export. In the U.S. last year, at least six books were written about it. Nine have been published in the U.K., and more are appearing every week around the world. I have one in my luggage.

Both the Oxford and the Collins dictionaries added Hygge to their 2016 short list of "words of the year."

Hygge is a destination that we all need to try to reach, and by "we," I do indeed mean all of us: You, the community, the board, the organization, everybody. We're all different parts of one entity united by a common purpose: to help maintain an amazing global network of networks. If we do our mission well, we will facilitate communication and the flow of information around the globe, but the only way that we can do that is if we work together and it's framed -- and the work that we do together is framed by compassion and respect.

And I thank you.

It's now my pleasure to introduce Minister Mette Bock, Denmark's Minister of Culture. Mrs. Bock. Thank you.

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[ Applause ]

METTE BOCK:

Good morning, ladies and gentlemen. I'm delighted to welcome you to Copenhagen and to ICANN58. It's an honor for me to be your host and set the stage for the important work of the ICANN community.

This is the 58th meeting in ICANN, but it is the organization's first meeting in Denmark. I think it is about time we invited you, the digital front-runners, because we see ourselves in Denmark as being amongst the most digitized countries in the world.

Denmark tops the digital economy in society index in the European Union and is in the top ten of the U.N. ICT development index. We are early and very enthusiastic adopters of new technology.

Danish citizens are the most advanced in the use of Internet in the European Union, and we are leading the way in terms of adapting tablets and smartphones. We do also have a strong scene for tech companies in Denmark. Copenhagen ranks high on the lists for digital scale-ups and start-ups of the European digital city index 2016. This is because we both have a healthy business environment and access to skills and capital.

A lot of this is due to the digital awareness and entrepreneurial spirit in the private sector, but the public sector has also played a very important role. The digitization of Danish society did not just happen by coincidence overnight. It has been promoted by political dedication to a long-term strategy and a strong cooperation between the public sector and private business. Over the past 15 years, Denmark has undergone a unique transition to digital public administration, communication, and services. And a lot of the digital solutions originating from previous digital strategies have now become part of our everyday life.

Today you can do your tax return or register a new company on your smartphone using your secured digital I.D. We have been digitized a lot of our cultural heritage, which I'm particularly proud of as a minister of culture.

I hope that the online access to Danish culture would make one of the great icons like Hans Christian Andersen the most trending topic on Google here in Denmark. Well, it's not. In 2016, the most trending words on Google in Denmark was another major cultural phenomenon. It was Pokémon Go.

[ Laughter ]

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But this does not disappoint me at all. It tells me that the Internet opens our eyes and minds for the world around us. And I think that the lesson of Pokémon Go shows us the Internet's potential for tying the world together.

Although Denmark has come a long way in the digital transition, we have in reality only just started on a very long journey towards making Denmark a part of the truly global Internet community. That's why we see it as a very important step to host the ICANN58 conference.

A lot of work still lies ahead. The further transition of Danish society, as well as the entire global society, will strongly depend on the functions of a free and open Internet.

That's why I would like to underline the important and critical role you all play in coordinating and developing the Domain Name System. You carry out this mission for the benefits of the Internet community as a global home, and you do it through open and transparent processes, lest enable competition and open entry to Internet-related markets. At least this is the wording in ICANN's bylaws.

But, seriously, the IANA transition only happens because the whole ICANN community -- and that is you -- was able to work together and to develop proposals that received a very broad

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support. It was, indeed, a masterpiece and showcase for how the multistakeholder model can function and deliver sustainable results.

The enhanced accountability of ICANN has also been an important issue for Denmark, and we are very pleased with the outcome. In this process, we particularly paid attention to ensure adequate checks and balances between the board and the community. We wanted effective to -- redress processes and to ensure that no single group is able to capture ICANN.

It was also important for us that the new setup had been stress tested before the transition took place last year. The stability of ICANN and the Internet is without saying a key point.

For Denmark, it has also been important that the governments should still play an advisory role in the ICANN ecosystem. Governments should actively contribute to solve any disagreements between the ICANN board and the community through dialogue in the new empowered community.

Self-regulation is very near and dear to my heart, and we are pleased to see that the new accountability mechanism could be accommodated under Californian law so there was no need to consider another jurisdiction but, of course, ICANN would be most welcome in Denmark.

[ Laughter ]

It is important that the ICANN community continues to work on accountability issues and conclude with the nine areas that remain to be discussed and agreed, among others, the question of diversity. Here there is still quite a way to go, be it gender, representation, geographical representation, or age. This is an issue that must be solved in order to secure that there's no doubt about ICANN's legitimacy as a true global multistakeholder organization. I recommend the work of all those who have devoted so much of their time and energy to engage with the multistakeholder processes. Denmark firmly supports this model of Internet governance.

I wish you all well in your deliberations here in Copenhagen and with your stay in Denmark. And as a minister for culture, I cannot help urging you to get an opportunity to see some of Copenhagen and Denmark. Not only should you visit some of the many Danish restaurants with Michelin stars but also try out our cool street food places and get a taste of the cultural institutions in Denmark as well. And perhaps why not go to the Castle of Elsinore Kronborg where Shakespeare's "Hamlet" takes place. On that note, I want to twist the words in "Hamlet" just a bit and assure you that nothing is rotten in the state of Denmark.



[ Laughter ]

[ Applause ]

Thank you very much, ladies and gentlemen.

[ Applause ]

JEAN-JACQUES SAHEL: Thank you, minister. We'll have a quote session at the end for those who like "Hamlet."

Now, I'd like to call to the stage someone who I have been lucky enough to know for quite a few years. He's an expert in the Internet law and a keen observer of ICANN, the chair of the Danish Internet Forum and DR-Host-master, .DK, Professor Henrik Udsen.

[ Applause ]

HENRIK UDSEN: Thank you. The Internet is kind of binding us all together in the global community, so is soccer. But like the Internet has a dark side, so has soccer amongst injuries. And that's why I had a less elegant entrance to this scene. But now I'm here.

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And dear friends, colleagues, and participants of ICANN58, I would also like to welcome you to Copenhagen. It's great to see you all here. As chair of Danish Internet Forum, DIFO, the registry of .DK, it is a great pleasure and privilege to stand here today and meet all of you representing the global Internet Society at ICANN58 in Denmark.

I would like to thank the Minister of Culture for opening the conference. I would like to thank the Danish Business Authority for taking the initiative to place this meeting in Copenhagen, the first ICANN meeting in Copenhagen ever. And I would like to thank ICANN also for all their support and cooperation in this process.

Like ICANN, DIFO is based on a multistakeholder model, ensuring that all interest of the Danish Internet Society is represented in the continuing efforts to make the .DK zone attractive and secure.

We believe that this multistakeholder model, both at a national and international level, is a vital component in creating a robust solution to the many challenges we face. I guess this was efficiently demonstrated with a successful IANA transition as we also just heard about.

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Of course, the IANA transition was a huge thing for ICANN, which leaves some questions what to do now, I guess. And I also think that the IANA transition demonstrated another thing; namely, that even this is primarily a technical organization, you cannot completely separate the technical issues from the commercial issues from the political issues.

And I guess that when we look at the Internet today and some of the challenges that we face, it's the same thing, we cannot really separate these three components.

And I think we are facing some very serious challenges also when we, for instance, talk the need for a free and equal Internet. When we are looking at how the Internet is used when we are debating with the hate speech, we actually see people who are withdrawing from the public debate because of the way Internet is also used.

I think some of these issues are very important to discuss as well. I do not think necessarily ICANN needs to have an opinion about that, but the multistakeholder model means that we have so many people gathered here with insider knowledge that we could use this opportunity still to discuss some of the issues because the discussions between us is the only way we'll get wiser and move ahead.

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Another challenge that we need to face is the fact that the Internet, to an increasing extent, is becoming the battlefield of cyber-attacks and other types of crime.

In the fight against Internet crime, the domain name world can play an important part. This does, however, require important discussions of how to strike the right balance between fighting crime and other interests, including freedom of speech and privacy. It is one of the key focus areas of DIFO how to contribute to this fight and how to strike the right balance, and I do hope that we will have a chance to discuss that at this ICANN meeting somewhere also.

I'm convinced that the multistakeholder model also in this respect will show its value.

ICANN 58, of course, also offers meeting and discussions on a large number of other interesting topics.

As a new thing at the ICANN meetings, local stakeholders have been given the opportunity to invite you to sessions in an official side event program, and I'm standing with it right here. You all have it in your conference bag as well.

So we hope you will find some time to visit these sessions organized by Danish organizations, NGOs, and companies. You

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will find the side event program -- well, I just said -- in the conference bag, but you may also visit the side event Web site. I don't know if -- yes, it's there. Yes. You will find the Web site address on the top of that page, and you can go and register for some of the side events.

I'm sure you'll find many interesting events to participate. I know you have a lot to do when you are here in Copenhagen, but hopefully you will find time for this as well.

And although ICANN 58 offers many interesting sessions, we hope you will find time to experience our wonderful city of Copenhagen as well. I'll end my speech with a couple of dos and don'ts when you are in Copenhagen.

I'll start with a couple of don'ts.

Don't expect the cyclists to stop --

[ Laughter ]

-- for you because they won't, and it looks nice and it's good for health, it's good for the environment, but it's a jungle out there.

[ Laughter ]

So, you know, step back when the cyclists are coming.

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Don't go to Tivoli. And that's because it's not a wonderful place because it is. The oldest amusement park in the world in the middle of the city. Looks fantastic. Fantastic place to visit. But it's closed this time of the year, so if you go there, you'll meet a closed gate, and if you try to enter anywhere, you'll probably get arrested, so don't do that.

[ Laughter ]

Instead, you could actually visit Christiania. Christiania used to be a military area which was abandoned by the military in the '70s. Then the hippies occupied the area and it's been serving like a hippie village ever since in the middle of the city. It's been quite controversial over the years, quite a lot of debate about Christiania, but it's definitely worth a visit, so you could go there if you have the time.

You could also do something else if you really want to feel like a Copenhagener. You could go and find a red traffic light in the middle of the night and then wait to cross the street until it turns green even if there's absolutely no cars anywhere around you.

[ Laughter ]

That's the way we do it in Denmark. We stand there and we wonder why we do not walk but we don't.

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[ Laughter ]

Of course there are many other things you could do in our wonderful city, but the number one thing to do to feel you are really in Copenhagen and Denmark is obviously register at .DK domain name.

[ Laughter and Applause ]

So while you're here, visit with one of the many registrars serving that DK domain name and get the full Copenhagen and Denmark experience.

I hope you will enjoy ICANN 58 and your days in Copenhagen. I'm looking very much forward to our many interesting sessions and important discussions we'll have. Thank you all for your attention.

[ Applause ]

JEAN-JACQUES SAHEL: Thank you, Henrik. And now I'm lucky. All the Danish jokes have been made, I think -

[ Laughter ]

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-- so it's time to call another Scandinavian to the podium, our Chief Executive Officer, Goran Marby.

[ Applause ]

MR. GORAN MARBY: Good morning.

No, I will not make any jokes today.

As always, my team -- I have to apologize to them -- has written a very good speech. Yeah.

[ Laughter ]

It's actually been -- I feel very happy to be back in Copenhagen. I'm from a small city called Gothenburg, which is fairly close to here and we have this thing to do. When you turned to 18, you went to Copenhagen. We liked it. People in Copenhagen not.

[ Laughter ]

Actually, when I was here a couple -- many years ago, I went to a movie and there was a commercial. That commercial said, "Don't be drunk in the street. People might think that you're Swedish."

[ Laughter ]



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We called it a culture of change.

[ Laughter ]

ICANN is actually 18 and we go to Copenhagen.

[ Laughter ]

I have nothing more to say about that.

[ Laughter ]

I've been around for a year now, and it's been an amazing, fantastic year. Some ups and some downs and some visits to the Capitol of Washington during that time.

And people have asked me, "What do you take away after your first year?"

I would say that I learned a lot, even if I still don't tell it to anyone. I still have problems with acronyms. It's terrible, actually. And we still haven't added Swenglish as the official language of ICANN. I'm not improving, so you better learn.

But the thing that really amazes me is all the stories I get. People ask me when I come to an ICANN meeting, "Aren't you tired?" Actually, I get energized because I have the opportunity to meet you all and talk to you and you share stories with me.

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And that is fantastic and it kind of gives me the power to do what I do, to really -- to try to do it better.

By the way, a couple of weeks ago I was in Barcelona at the Mobile World Congress and I had the opportunity to meet the Pakistani I.T. minister and she told me about one of the programs she's running to help underprivileged girls in the ages of 9 to 15 to give them something else than just training in cooking and cleaning. She put them on line and she trained them in Internet skills and computer skills. That gives an opportunity for people that never had a chance to do something, and for me, that is what the Internet is all about. That's why I go up in the morning, even if I hate to go up in the morning.

By the way, we're not going to do opening sessions in the morning anymore. We're going to do them in the afternoon.

Is that okay?

[ Applause ]

It's been an ongoing debate between me and my staff. I just took you as hostage in that. You hear that, Duncan? Yeah.

But that thing, that small thing, is so amazing, and we all have those stories, where people really can change their lives with the

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help of the Internet. The Internet is a game changer, and we haven't yet -- we have just seen the start of it. That is why I do what I do, because I happen to think that the Internet is very, very important.

That makes ICANN important. Not because we are the center of the Internet or the gravity point, but we are an important part of this thing we call the Internet.

That makes you important.

That makes this meeting important.

I know you're going to get -- we have more than 300 sessions over the next couple of days, or we're already started. It feels like we're in the middle of it anyway. But every time you sit there and talk with something that you maybe feel is tedious, you actually create something for someone, and that, I think, is beautiful.

But, that's an obligation as well. We have a responsibility. And as we talked about, transparency, accountability is important for us, so I want to share with you some of those things we're doing to be more transparent.

So how many of you have read my new CEO report to the board? The board should not say anything.

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[ Laughter ]

We started doing this a couple of meetings ago and I urge you to read it. We spend a lot of time to actually write it. We're going to change it going forward based on your input. But it is an important reporting tool where I tell what I do, my staff what they are doing, and how we try to do it better. So this is one of all the steps we're doing to increase transparency.

And that's also why we've this time added a trial and that is on the first day about noon we're going to have an open session with me and my executives so you can ask any question you want. And we will even answer most of them.

Another thing we've done is that we announced last week that we now have the complaint officer on board. Krista is going to join my team, working under J.J. It's also a small but important step to increase transparency. We're going to take your complaints, we're going to post those complaints, we're also going to tell you what we do those complaints. If we've done anything wrong, we're going to tell you. That's how we're going to deal with that going forward.

But transparency is also harder to define. It's not always about open session and writing stuff. It's also about understanding.

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I know I'm not the smartest guy in this room, and therefore I have an excellent staff to help me. A couple of months ago, I was sitting together with Theresa Swinehart in my room, and I said to her, "You know what? I don't really understand all the processes, how they work."

And Theresa is always positive. I said, "Why don't you do me a flowchart? You know, just, you know, write down how it works."

That was in October and we're still in the discovery phase.

And that told me something.

Why is this important? Because it's important that people understand how we actually -- the multistakeholder model actually works in practice. It is important that we can say that to you so you know where we are in the policymaking process or other processes we do.

And it turns out -- maybe this doesn't come as a surprise to you - - that one of the processes we're now doing is four and a half meters long and contains a lot of different versions of stuff.

We are going to do, in Johannesburg, a session about this, and the only intention I have is to make sure that everybody understands how, in practical terms, you make decisions and

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what happens with that decision, how advice is handled, all the panels that we set up, all those things.

And I hope we can have a good discussion about it. I have no intention of changing anything, but I will provide this for you. And we will probably -- which is interesting -- not get everything right. So when we come back to you on this one and discuss it with you, also let us know what we misunderstood. I think that is transparency as well.

Someone is calculating how many users there are of the Internet. I don't even know how they do that. It's 3.7 billion users on one connected network. It's an amazing number. But I claim that they were the easy ones, including Denmark, because it's often the elite, often the well-powered people who get access first. In the cities, the urban people, that's the ones who got it first. Maybe they have English, they know English, or one of the major languages.

I think that the next users, the next billion users or the users after that is going to be tougher. Not only because the price for the connection is high but they're also going to use other technologies. We talked about mobile before.

That's why I think diversity within ICANN is so important. That's why I think IDNs is so important -- are so important. That's why I

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went out and asked, "How many languages do we talk within the ICANN organization?" Came up with 54 languages. We today have representation in 34 countries around the world. We need more. We need more when it comes to this because the next billion users will not have the same rule set as we have. They're going to be very, very local. Because the amazing thing with the Internet is it's a global fantastic thing but it's also a village. What do you want to do when you get on line? You want to have your local municipality access; you want to have local newspapers. That is the things that -- you also friend locally. That is a lot of the exchange. And to be able to support them, the next generation of Internet users, we need to be diverse enough to understand those needs going forward.

But then again, we're in Copenhagen, this amazing city, and Duncan told me I'm not allowed to share any of my memories from my youth in Copenhagen, so I won't.

With that, as always, I will leave over the important work for you.

Welcome to Copenhagen, welcome to ICANN 58. Thank you.

[ Applause ]

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JEAN-JACQUES SAHEL: I didn't have any notes about this transition here. I thought Goran was going to introduce the next person so I'll do it.

It's okay. It's fine. We're amongst friends.

The next person, as far as I know, if he's ready, is David Conrad, our chief technology officer.

[ Applause ]

DAVID CONRAD: Good morning, everyone. You have now entered the nerd part of the session.

[ Laughter ]

I do believe I have some slides. So a long time ago in a galaxy far, far away -- well, okay, it wasn't actually so long ago. It was July of 2010, and it was outside Washington, D.C. We actually went and DNSSEC signed the root zone of the DNS. And when we did that, we promised that after five years we'd change the key, the cryptographic key that we actually signed the root zone with.

Well, it has been more than five years, a bit. So we are in the process of doing what's called the key signing key rollover. It's sort of a like a forced password change. If your bank tells you,



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you have to change your password, you're going to have to change it. And this has actually been the result of a tremendous amount of work done by people, staff, and community alike to ensure that this change, the change of the password of the DNSSEC-signed Internet, is going to be a non-event. This is sort of important because what I don't want to see when I wake up one day is this (indicating).

[ Laughter ]

[ Applause ]

So the way we're actually ensuring something like this does not happen is it's me getting up in places like this and talking about this incredibly boring and geeky thing. There really is very little risk that anything bad will happen largely because of the efforts of my team, the IANA team, the community, the technical community, to make sure that everyone is aware that this change is going to occur.

There we go.

So to improve awareness, on 11 October of 2017, relatively soon, we are going to be changing the root key signing key. Before that time, DNS operators need to -- who have enabled DNSSEC validation must update their configurations. Some of these

systems will be done automatically, but some are also done manually. So what we're announcing today is a testbed for DNS operators to determine the readiness to support automatic updates.

This testbed is designed specifically for DNS operators. If you are an end user, this will be really boring for you. If you are a DNS operator and you have DNSSEC enabled, that URL, [go.icann.org/ksktest](http://go.icann.org/ksktest), will present you with a very graphically appealing, if you're a geek, Web page that will provide you information on how to move forward and test your installation to ensure that the KSK rollover is done correctly.

So, what can you do? Well, if you are an operator and run a DNS resolver, first step, turn on DNSSEC validation. This actually is sort of a useful feature in the DNS these days. And then make sure that you can support the KSK rollover by using the testbed. If you are not a DNS operator, then what you should probably do is ask your network operator where you pretty get your DNS service from to turn on DNSSEC validation and make sure that they are able to support the KSK rollover.

And with that -- oh, I'm also supposed to inform you that there will be a session on the KSK rollover. It's tomorrow at 5:00 p.m. in Hall 3. I would recommend if you're interested in this and

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understanding what exactly is going to be happening, it is a gentle introduction to the KSK rollover done by Matt Larson. And I would invite you to attend that session.

And with that, Jean-Jacques, I will return it to you.

[ Applause ]

JEAN-JACQUES SAHEL: Thank you, David. I hope you like the black and white photograph of the DNS operators.

I wasn't going to mention it; but if you are interested in why Denmark almost took the Internet off air, watch the last series of "South Park." That's all. Those that have watched it will know what I'm talking about.

All right. Now, the last time I addressed this -- we're almost done. Don't worry.

The last time I addressed this audience, it was in Dublin. And I had spent all summer rehearsing for a bit of cultural amusement that we had there. So I want to thank again Michele and Maria Farrell for all the training in Irish dancing at the time, but I was too rubbish.

This time we're very lucky to have a Danish equivalent, so to speak, a very famous band, in fact. And so we would like you to get a taste of something very, very Danish.

And in preparing for this, you know, we were told if you think about Denmark, Denmark can make you think about a great variety of things. Many people think of words, words, words, like "kingdom," "history," "fairytales," "Vikings," "pastry," "science," et cetera. But we may add "youth" and "music" to that long list.

This time it's not because I am rubbish at it that I wasn't selected. It's because I am just too old.

And we will now witness a performance of something which is famous. All Danes know them. It's really a cultural icon in Denmark. They've been labeled the best music school in Denmark. The musicians are between 10 and 16 years old. And 16 years old is the age of retirement.

[ Laughter ]

I will remember that one.

So directly from the famous amusement park Tivoli in the heart of Copenhagen, we give you the concert band of the Tivoli Youth Guard!

[ Applause ]

[ Music ]

[ Applause ]

JEAN-JACQUES SAHEL: So you may have heard of the luxury Hotel Nimb in the Tivoli Gardens. And this first piece was a salute to Madam Nimb who first opened -- or who opened her first restaurant there in 1877. The music is a part of a Tivoli suite which was written last year by David Palmquist, especially for this orchestra. And in a minute, we will hear another part of the Tivoli suite that is called a whoosh, and you may be able to picture a ride on the Tivoli roller coaster when you hear the music. But, first, the orchestra will feature a soloist, Valdimar, on clarinet in Pre-Goodman Bag, which was written by Malcolm Arnold for the jazz clarinet player Benny Goodman. And it is very much American music as you'll hear from the famous "Stars and Stripes Forever," which makes an appearance in the middle.

So, you will now have jazz and marching music in one with the Tivoli Youth Guard.

[ Music ]

[ Applause ]

[ Music ]

[ Applause ]

JEAN-JACQUES SAHEL: Could you feel the roller coaster there?

So Tivoli Youth Guard is actually the oldest youth guard in the world created in 1843. They are frequently traveling to perform outside the Tivoli Gardens. Only this weekend they played the gala show in Esbjerg on the other side of Denmark. And in June, they're going to be traveling to France to perform together at an international tattoo with adult professionals from all over Europe. And partly because of that, partly because they knew it was my show, they wanted to end with something French.

[ Laughter ]

And as we have quite a few famous French marches', it's a song about having nothing to eat but glory, about fighting for freedom. It's a call to action really for ICANN58. This is Le Régiment de Sambre et Meuse.

[ Music ]

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[ Applause ]

JEAN-JACQUES SAHEL: This is the Tivoli Youth Guard. They are amazing. Ladies and gentlemen, thank you so much. Right, now just a final announcement. Tonight is the gala dinner. So if you haven't got your ticket, you can get it from the DIFO booth at the end of the hall. And the opening ceremony is over. Thank you. Have an amazing week. Good luck. Work hard.

[ Applause ]

[ END OF TRANSCRIPT ]