

16 December 2020



Special Edition InterCommunity 2020

A Virtual Conversation about Stories of Resilience

Housekeeping Rules

To help ensure everyone can participate, please note the following:

- Please use the chat for all questions. Keep your questions brief and to the point.
- Kindly format your questions with your first name and country (e.g., Jane, Kenya; Roberto, Chile).
- We have translation on this call. If you want to listen to the French or Spanish part of the presentation, please select the preferred language on your zoom panel.
- Closed captions are also available.
- Feel free to type questions in French or Spanish. These will be translated and sent to the moderator.
- Keep your microphone on MUTE at all times unless you are asking a question.
- This session will be recorded and a link for future viewing will be shared after the call.



Stories of Resilience



Our mission is to build a stronger, bigger Internet.

This matters more than ever.

2020 has been a challenging year, but together with our community, we have persevered, adapted, and accomplished some amazing things.



Kawai S Liantama
@KawaiIslan

Never knew i'd sit in front of laptop with so much enthusiasm for 3,5 hrs. Listening to experts and practioner in implementing better internet for society in many perspective, especially overcoming digital divide using community network. @ISOCapac @ISOC_Community @aisyahshakirah

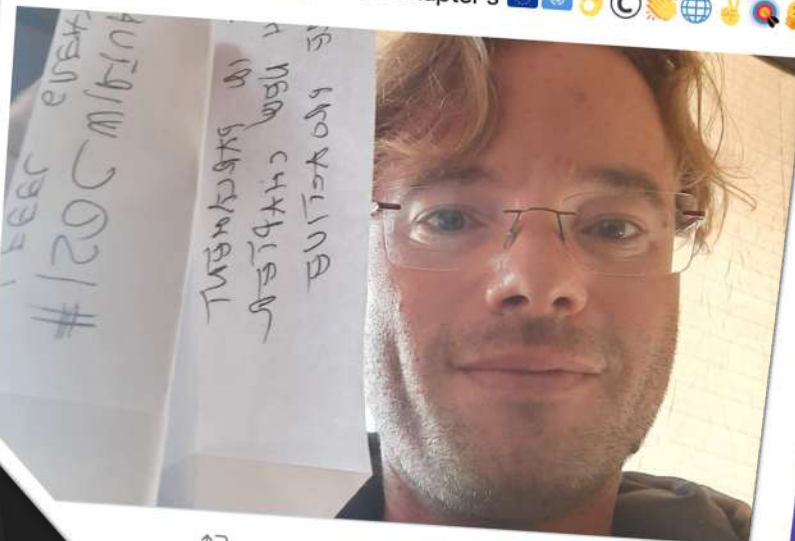


5:42 PM · Oct 15, 2020 · Twitter for Android



Saso Nozic Serini @NozicSaso · 22h

#isocvirtual was the best ISOC event in years in Europe, especially because it was organised in such special circumstances, so I wanna congrats to organisers and to all participants in my one name and in the names of Slovenian 🇸🇮 and French 🇫🇷 ISOC chapter's 🇪🇺 🇬🇧 🇫🇷 🇮🇹 🇯🇵 🇰🇷 🇨🇦 🇺🇸 🇦🇺 🇳🇱 🇩🇪 🇫🇮 🇸🇪 🇩🇰 🇳🇴 🇸🇦 🇦🇪 🇮🇸 🇵🇹 🇵🇪 🇵🇾 🇨🇱 🇨🇴 🇨🇷 🇨🇦 🇨🇮 🇨🇰 🇨🇩 🇨🇪 🇨🇦 🇨🇮 🇨🇰 🇨🇩 🇨🇪



2





Participamos en el programa IGF Youth Ambassadors de Internet Society
Hoy hemos realizado un taller virtual de mentoring, en el marco del programa
"IGF Youth Ambassadors" de ISOC (Internet Society), organización
cibervoluntarios.org



IGF YOUTH
AMBASSADORS
PROGRAM

Together with @Google, we have selected 30 outstanding young talents. These @ISOC_NextGen leaders will contribute their perspectives and skills to Internet governance as @internetsociety IGF Youth Ambassadors 2020. Meet them: internetsociety.org/fellowship/igf... #ISOCYouth



Congratulations, young talents!

#ISOCYouth



The Internet After 2020

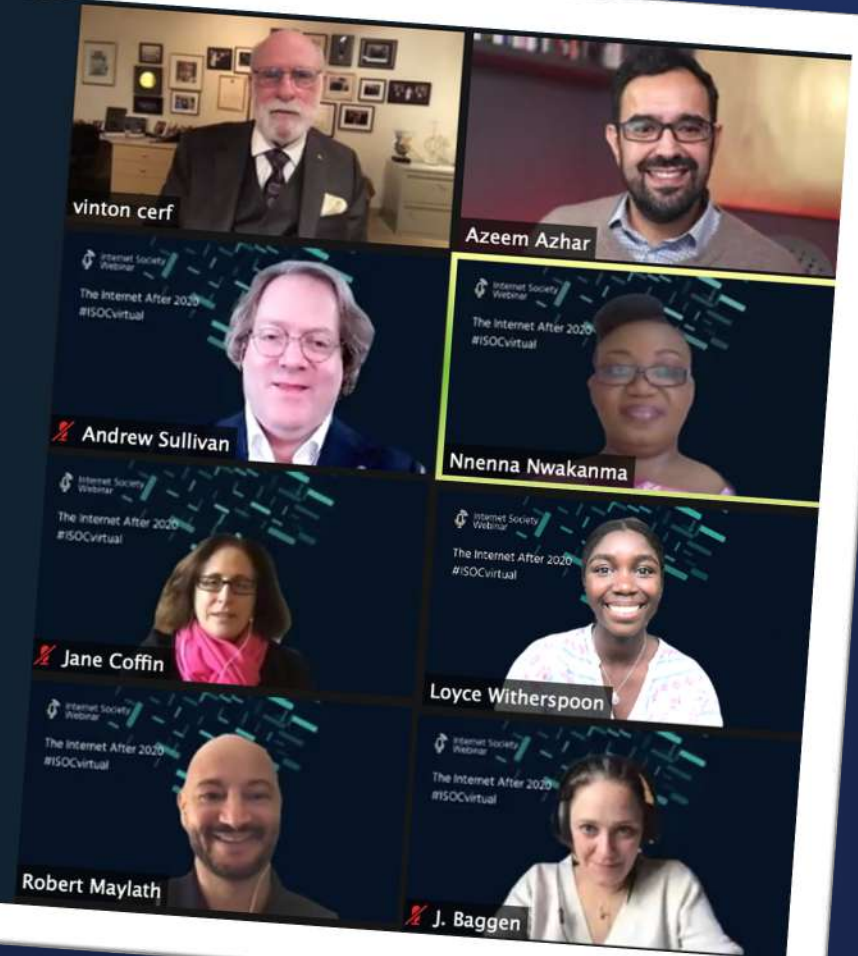
InterCommunity 2020: Internet Way of Networking (French)

PDP Engagement - Comments and Concerns

Benefits with the 5 properties + consequences without
most of time it's a weight game for policy-makers
Incorporate story telling about design principles of the Internet from the beginning
Use cases: the more specific issues and details the case studies look into with facts and numbers, the better guidance for application of the toolkit

How to improve ?

- ideal Internet vs. social reality (need a bridge between)
- Internet has both technical and social nature, case studies should take analysis and concern of both perspectives

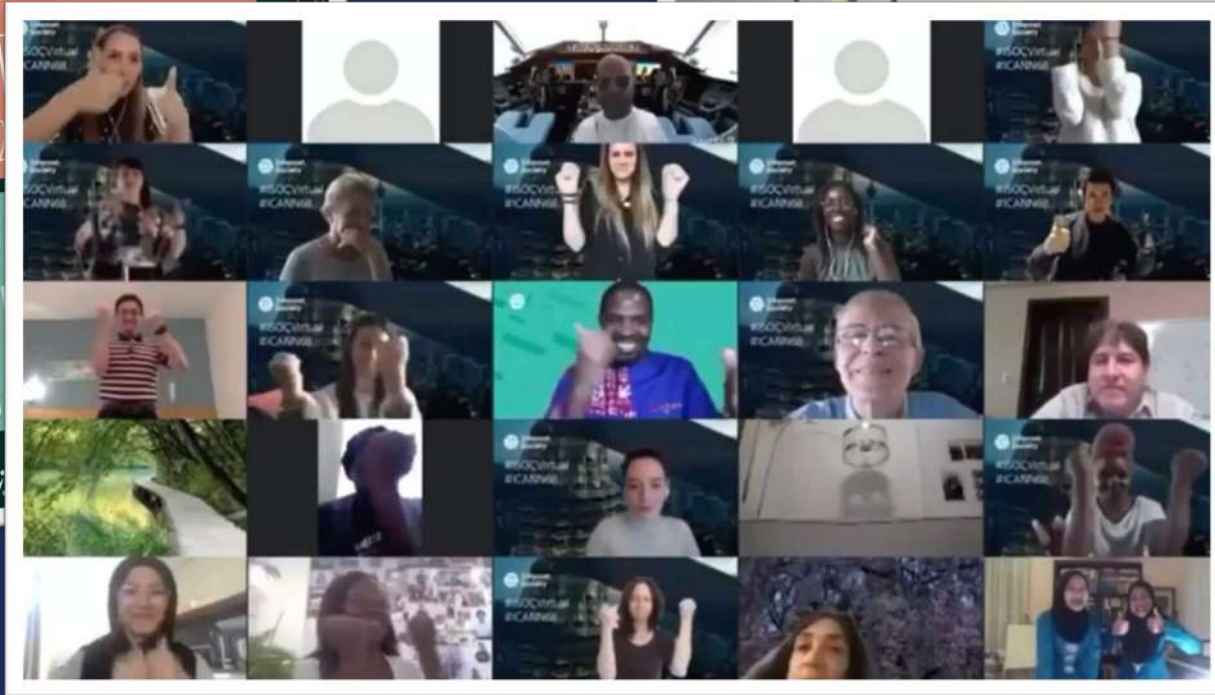
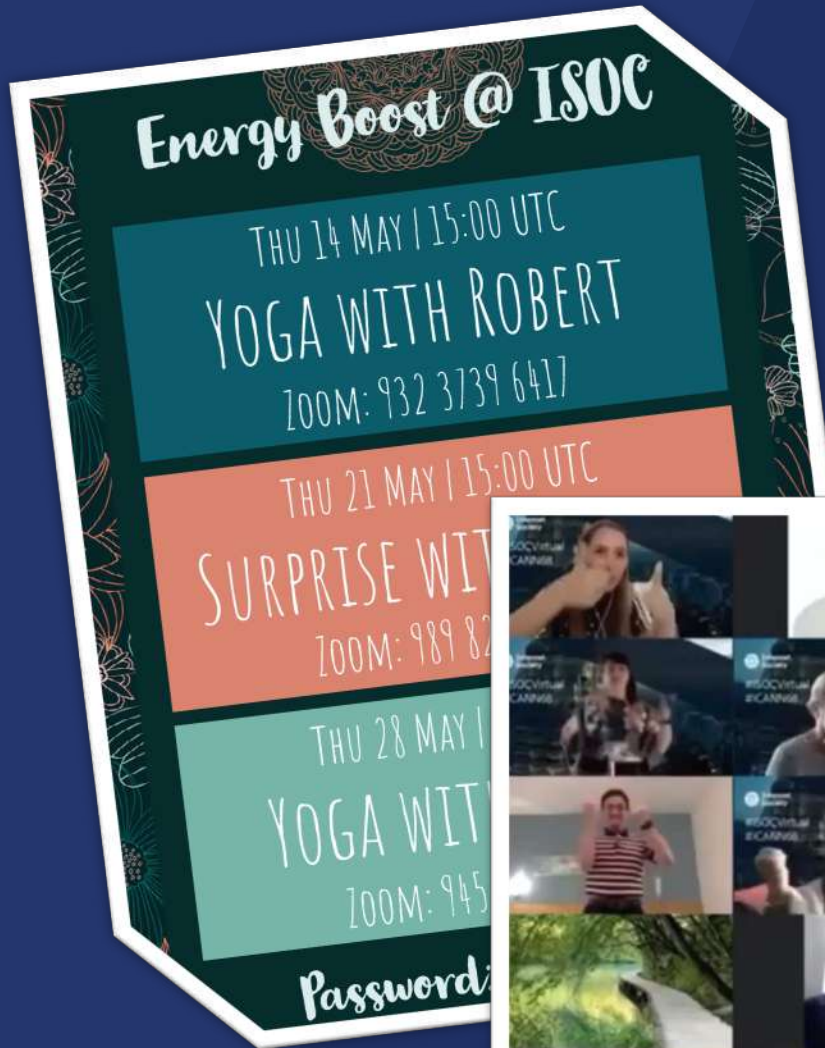


Jonathan B. Postel Service Award
2020 Winner

Onno Purbo

Indonesia





Creating an Internet for everyone everywhere

Become a member

Our mission

75,394

Members globally

132

Chapters & SIGs

97

Organization members

Growing the Internet

Internet Growth: Year in Review

The COVID-19 pandemic reasserted the need for quality, reliable, and affordable Internet for everyone.

Despite our inability to travel and support communities in person, our adaptation to virtual was a huge success. Each region, in collaboration with our community, reimagined virtual means to keep the community engaged and for Internet development work to progress on the ground through out partners.

The world began paying attention to Internet speed and measurements more than ever, just in time for the Measuring the Internet project to collaborate with key partners and provide evidence of Internet trends during COVID.



Measuring the Internet 13 July 2020

EN FR ES

Holding Steady: How CDNs, IXPs, and Network Providers Help Keep us Online

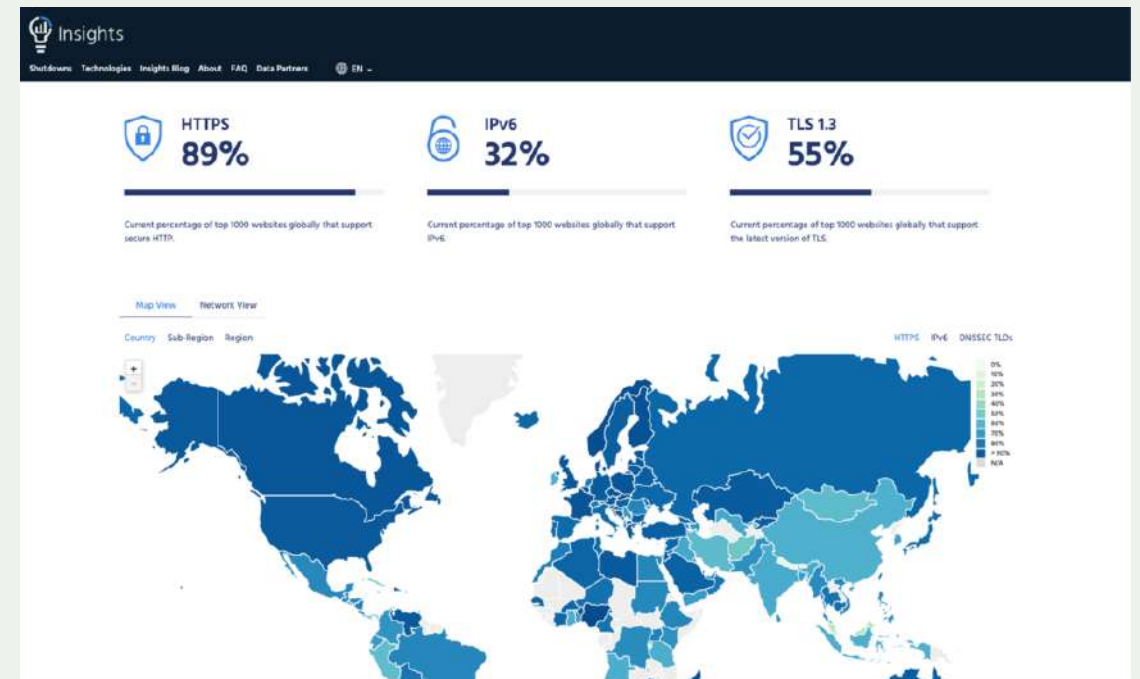
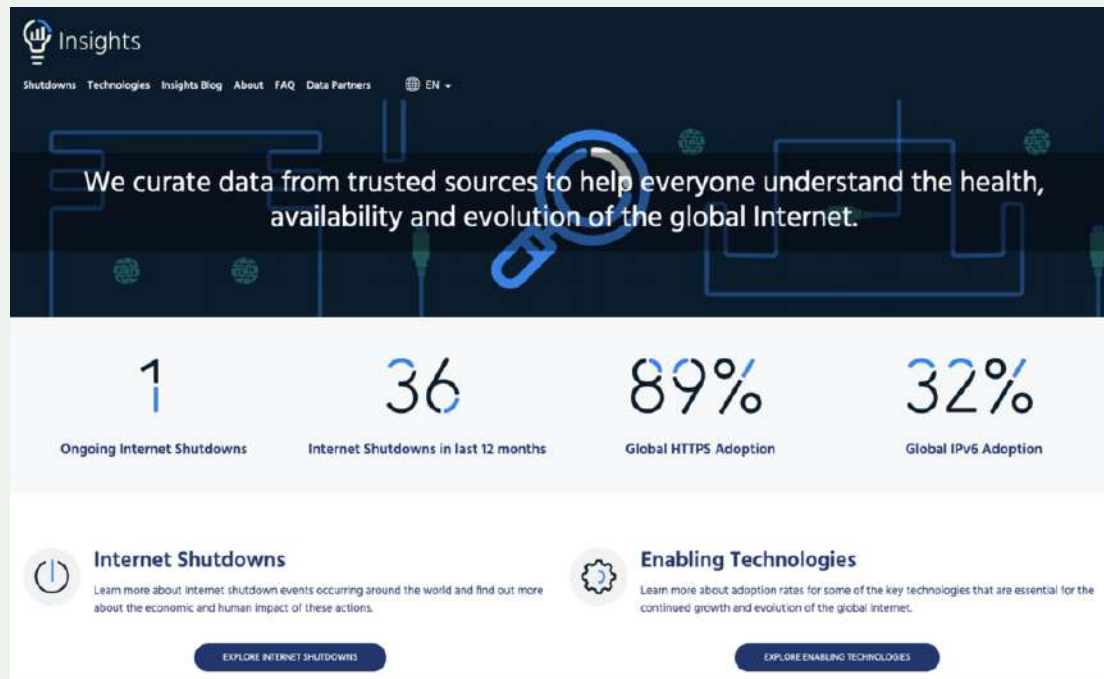
Internet Growth: Project Successes

- **Community Networks** project worked hard in this challenging period to:
 - support more than 15 new and existing CNs around the World to build more nets;
 - collaborate with policymakers and regulators so that 6 jurisdictions and more international organizations now treat CNs more favorably.
- **Infrastructure and Community Development** provided support to 23 IXPs, trained over 500 individuals, and organised over 20 virtual meetings with the peering, NOG, and NREN communities.



Internet Growth: Project Successes continued...

- **Measuring the Internet** launched the Internet Society *Insights platform* in December 2020 to help policymakers, researchers, journalists, network operators, civil society groups, and others gain deeper, data-driven insight into the health, availability, and evolution of the Internet.





VISION

ERNET

ICT CENTRE
WINE CATALOGUE
AND
TOCOPYING.

NET

MURAMBINDA
WORKS
INSPIRING LOCAL
TALENTS





Wednesday 23 May 2018

Insert Autoshapes.

open microsoft word

SHALOM

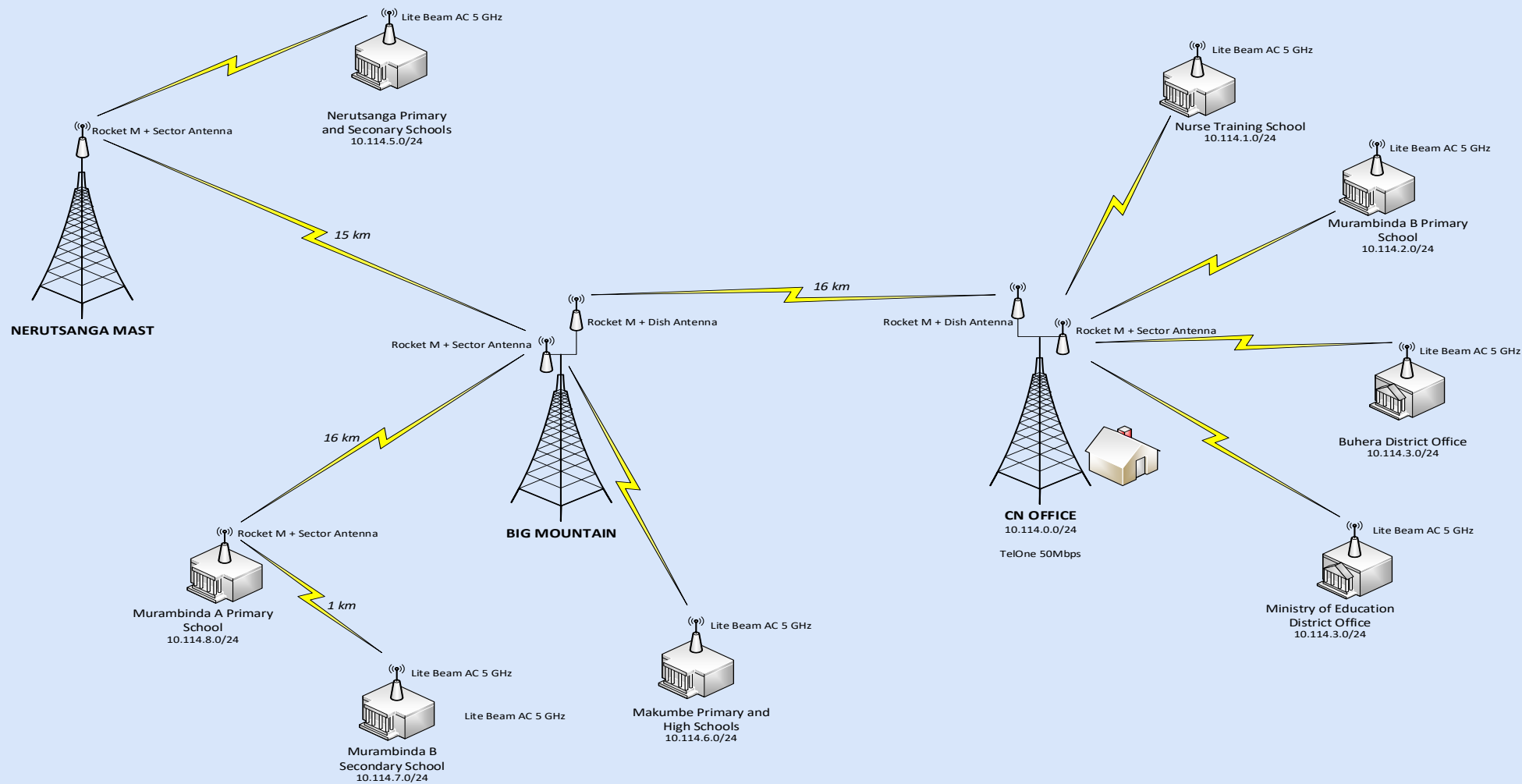


1 US Dollar = 35,000,000,000,000,000

Difficult Topology









'Creating a level playing field'

CONSULTATION ON THE PROPOSED LIGHT LICENSING OF RURAL BROADBAND FIXED WIRELESS ACCESS SYSTEMS OPERATING IN THE 2.4GHz and 5.8GHz BANDS IN ZIMBABWE

The Postal and Telecommunications Regulatory Authority of Zimbabwe (POTRAZ) intends to make the frequency bands 2400 – 2483 MHz and 5 725–5 875 MHz available for the implementation of rural Broadband Fixed Wireless Access (BFWA) systems in farming and rural areas of Zimbabwe.

Additionally, POTRAZ intends to make the frequency band 5 725–5 875 MHz available for Short Range Devices (SRDs) and low-power BFWA systems, on a licence exempt basis in both urban and rural areas of Zimbabwe, as is the case for frequency bands 2400 – 2483MHz, 5.15 – 5.35 GHz and 5.470 –5.725 GHz.

The objectives of the proposed regulatory changes are as follows:

- To enhance broadband connectivity in rural Zimbabwe, particularly in schools, hospitals, police stations and rural amenity institutions.
- To extend the reach of broadband services in both urban and rural areas of Zimbabwe.
- To enhance ICT-centric innovation in Zimbabwe.
- To connect the unconnected.

An underlying principle of the proposed licensing regime is that primary services to which the (BFWA) would

download free X Joshaven.com X Intense - TelOne X TelOne Annou X ema zimbabwe X Telone partner X

herald.co.zw/telone-partners-buhera-ict-to-set-up-network-system/



27 FEBRUARY 2020



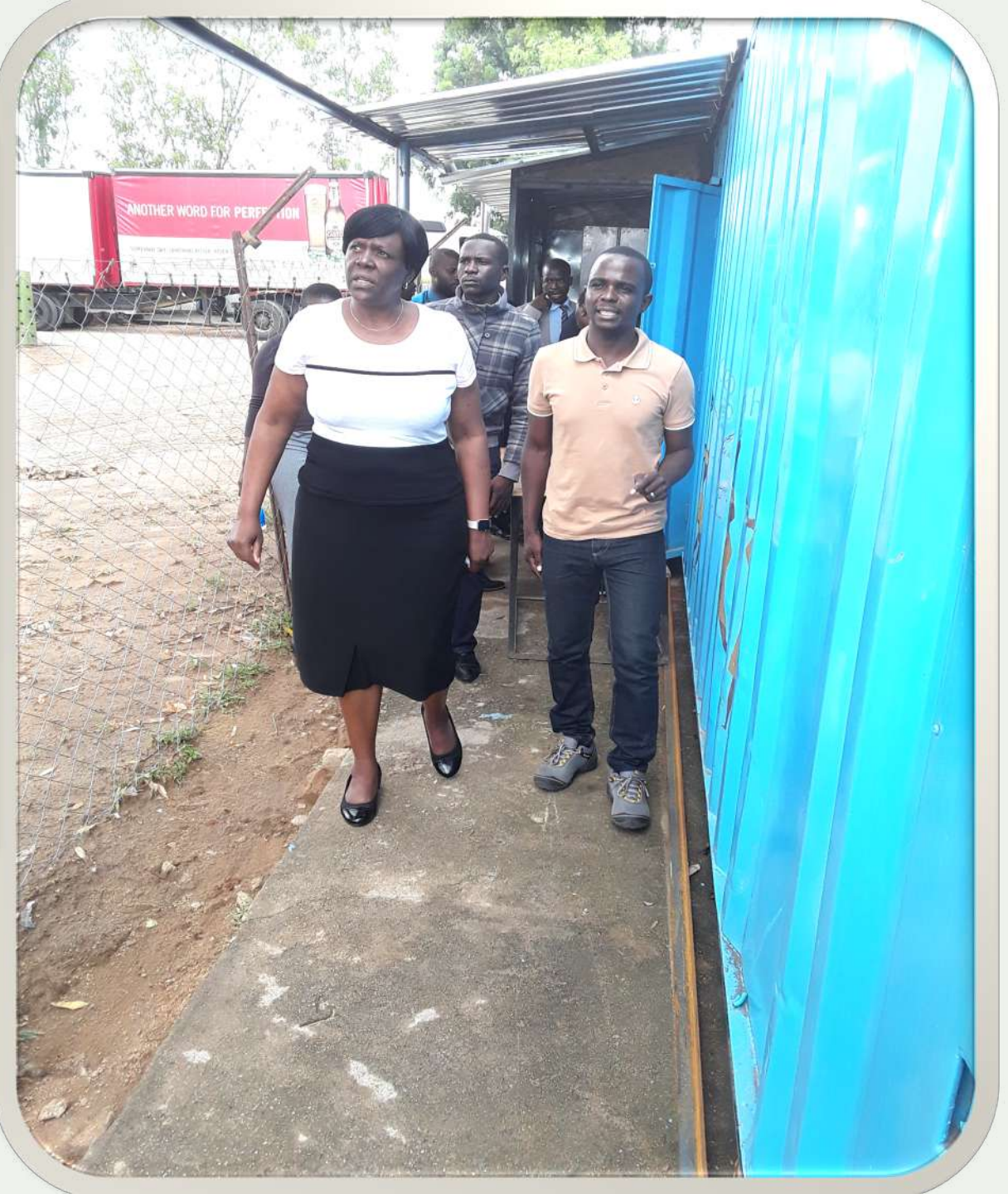
HOME VISION 2030 TOP STORIES NATIONAL BUSINESS SPORT MORE + CORONA VIRUS WATCH

search ...

/ MANICALAND & MASH EAST / NATIONAL

Telone partners Buhera ICT to set up network system

20 FEB, 2019 - 00:02 COMMENTS IMAGES









Thank you

bishjj@gmail.com, +263773031221

Strengthening the Internet

Stronger Internet: Year in Review

In 2020, we focused on creating tools and fostering relationships that advocate for a stronger Internet while involving our community along the way.

COVID-19 made it imperative that the Internet be secure, resilient, interoperable, open.

It also brought major challenges.



Stronger Internet: Project Successes

- **Encryption:** Launched the Global Encryption Coalition
- **Time Security:** Built a set of community resources for the deployment of NTS (Network Time Security) and Network Time Protocol (NTP)
- **Internet Way of Networking:** Launched the Internet Impact Assessment Tool, after successful PDP



Time Security 1 October 2020

EN FR ES

NTS RFC Published: New Standard to Ensure Secure Time on the Internet



By Karen O'Donoghue
Director, Internet Trust and Technology



RFC 8915:
by the Internet
a new security
net, the Network

To pass the Internet Impact Assessment, you must earn all five badges — they represent the critical properties needed to support a healthy foundation for the global Internet.



PROPERTY 1
An Accessible
Infrastructure
With a Common
Protocol



PROPERTY 2
Open Architecture
of Interoperable
and Reusable
Building Blocks



PROPERTY 3
Decentralized
Management and
a Single Distributed
Routing System



PROPERTY 4
Common Global
Identifiers



PROPERTY 5
A Technology Neutral,
General-Purpose Network

Stronger Internet: Project Successes cont.

The image shows two overlapping screenshots. The top screenshot is the MANRS website, featuring a blue header with the MANRS logo and navigation links: Home, About, Programmes, MANRS Ambassadors, Resources, Observatory, Blog, and a JOIN button. The main content area has a large blue banner with the text "MANRS Welcomes 500th Network Operator" and a sub-header "December 3, 2020 by Afiah Siddiqui | Leave a Comment". The bottom screenshot is a GitHub repository page for "InternetSociety / ose-documentation". It shows a commit history table with columns for file name, commit message, and time ago. The repository has 22 issues, 1 pull request, 1 action, 1 project, and 1 security issue. The commit history includes files like README.md, ose-web-dnssec-apache-nginx.md, ose-web-hsts-apache.md, ose-web-hsts-cdns.md, ose-web-hsts-nginx.md, ose-web-http-security-headers-ap..., ose-web-http-security-headers-ngl..., ose-web-http2-apache.md, ose-web-http2-cdns.md, ose-web-http2-hosted.md, ose-web-http2-nginx.md, ose-web-ipv6-apache.md, ose-web-ipv6-cdns.md, and ose-web-ipv6-nginx.md.

MANRS Welcomes 500th Network Operator
December 3, 2020 by Afiah Siddiqui | Leave a Comment

InternetSociety / ose-documentation

Today, we are glad to share that the Security (MANRS) initiative has reached 500.

By joining the community around the world have taken security of the Internet's infrastructure.

Systemic security issues are a major concern for the Internet community.

File	Commit Message	Time Ago
README.md	Added initial DNSSEC documentation	7 months ago
ose-web-dnssec-apache-nginx.md	Added initial DNSSEC documentation	7 months ago
ose-web-hsts-apache.md	Fixed #1 - added Linux and Apache/NGINX versions to the documenta...	8 months ago
ose-web-hsts-cdns.md	Fixed a typo in the footer	9 months ago
ose-web-hsts-nginx.md	Fixed #1 - added Linux and Apache/NGINX versions to the documenta...	8 months ago
ose-web-http-security-headers-ap...	Added HTTP security headers documentation	7 months ago
ose-web-http-security-headers-ngl...	Added HTTP security headers documentation	7 months ago
ose-web-http2-apache.md	Added resources for HTTP/2 - Closes issue #19	3 months ago
ose-web-http2-cdns.md	Added resources for HTTP/2 - Closes issue #19	3 months ago
ose-web-http2-hosted.md	Added resources for HTTP/2 - Closes issue #19	3 months ago
ose-web-http2-nginx.md	Added resources for HTTP/2 - Closes issue #19	3 months ago
ose-web-ipv6-apache.md	Initial commit of IPv6 on Apache	7 months ago
ose-web-ipv6-cdns.md	Added more CDNs per https://twitter.com/SCOTTHOGG/status/12676...	7 months ago
ose-web-ipv6-nginx.md	Fixed the markdown so the code block only covered the code.	6 months ago

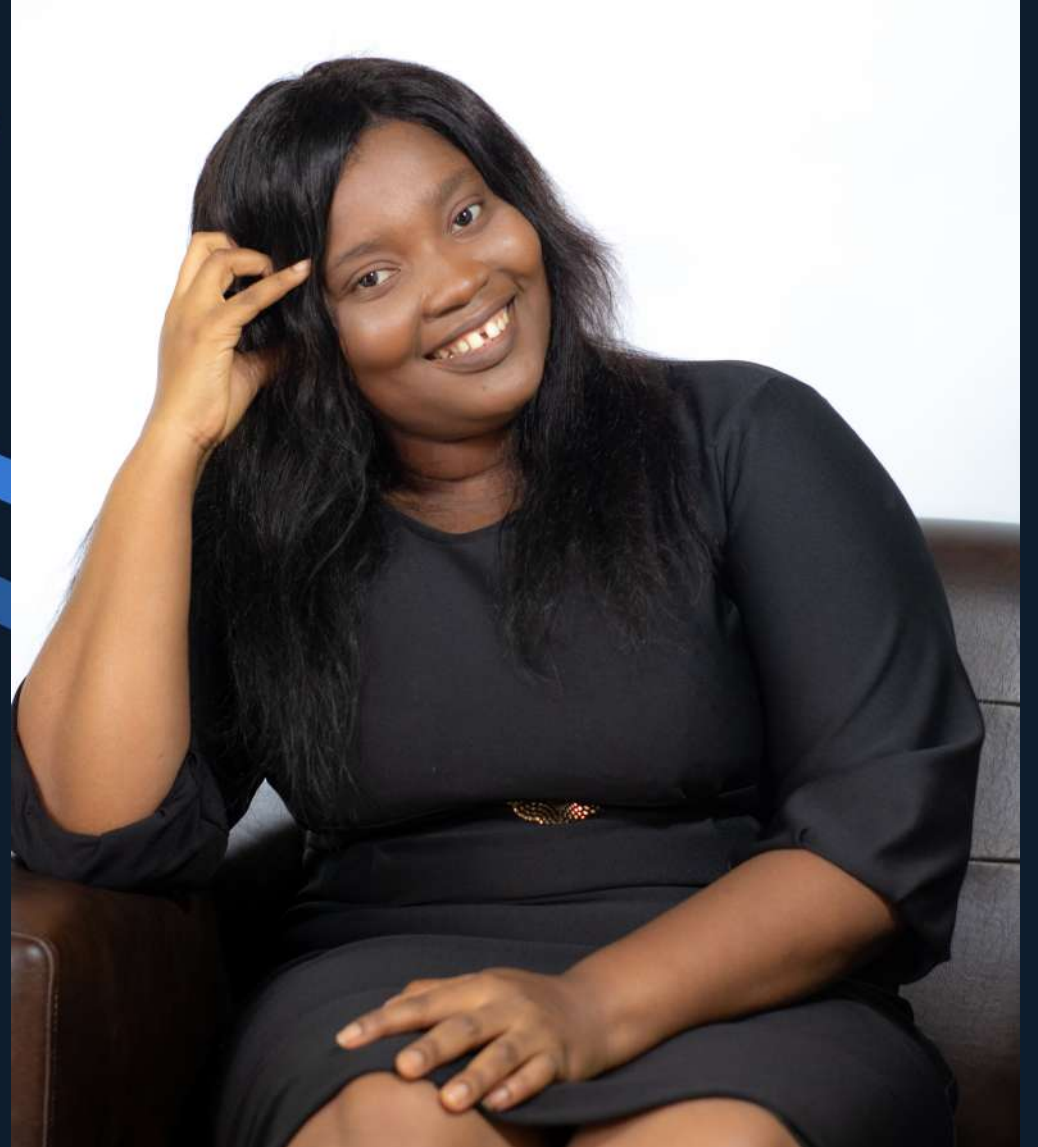
- Mutually Agreed Norms for Routing Security: Launched the MANRS Ambassador and Fellowship program
- Open Standards Everywhere: Created documentation that is openly available useful for making websites much more stable, secure, and interoperable

My Encryption Journey

Theorose Elikplim Dzineku

Internet Society Ghana Chapter

Chair, Programs & Communications



My 2020 Goals

During the coronavirus pandemic, it has become more urgent for people to understand what it means to keep their data and information safe.



Research Article

The aim of the research was to find out how journalists understand data and information encryption and how they apply that knowledge to their work.

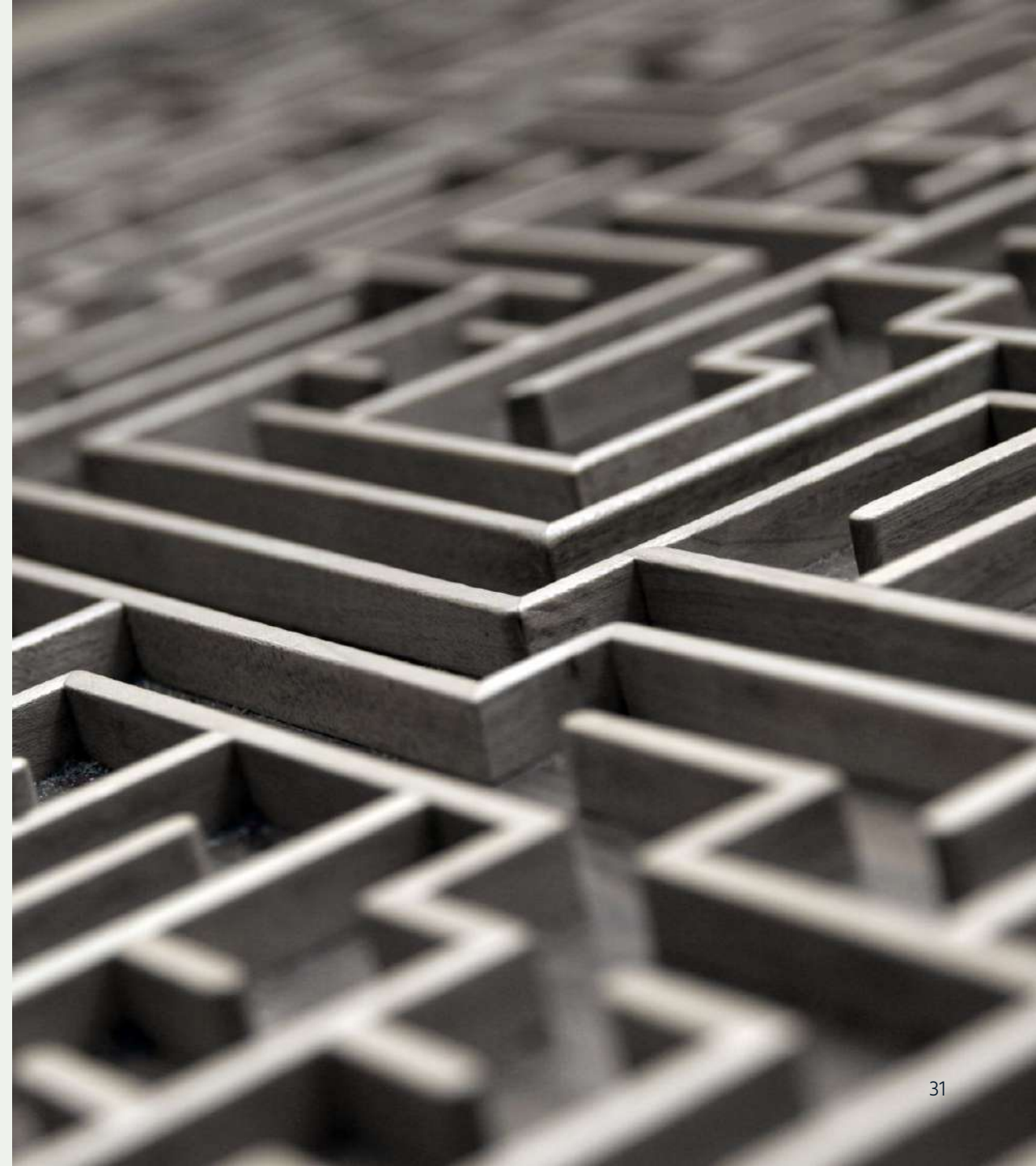


Workshop

A 2-day training session for student journalists to expose them to basic encryption methods.

Challenges Faced

- COVID restrictions
- Event centers closed down
- Unresponsive audiences



Overcoming Challenges



Resiliency



Determined to make an impact



Desire to use knowledge gained from training

ISOC Ghana Chapter liked

Suleman, Mahmoud Junior @Ma... · 9h ...

Very informative workshop. I miss the in person workshops 🥺

ISOC Ghana Chapter @isoc... · 22h

Photos from last Thursday's session - Encryption at The Ministry of Communication, Accra - Ghana 🇵🇭.



Reply Retweet Like 2 Share

MTN 6:00 AM 55%

Tweet

Andrew #EndSars @silentworks

I'm laughing like killer right now. Just read the text in the tweet. I swear this country is a parody at times. I think the EC would like a word with you people or its the other way around, I think you people should have a word with the EC.

ISOC Ghana Chapter @isocghana · 22h

Photos from last Thursday's session - Encryption at The Ministry of Communication, Accra - Ghana 🇵🇭.



Reply Retweet Like 1 Share

Tweet your reply

MTN 6:00 AM 55%

Tweet

10:29 PM · 23/11/2020 · Twitter Web App

Reply Retweet Like Share

Botsyoe Edinam Lily @Edinam2... · 21s ...

Replying to @silentworks

I will forward this lol. Just to be clear the ISOC Ghana body is an independent one. A conference space in the building was used for this event. Nonetheless, members have rallied support to reach out to the EC. Hoping it yields results

Reply Retweet Like Share

Francis Billa Akwaboa @francis_... · 7h ...

Replying to @silentworks

Encryption at The Ministry of Communications 🤔

Reply Retweet Like Share

\$bash-it @saviour123 · 7h ...

Replying to @silentworks

NSS people organize presser

Reply Retweet Like Share

Tweet your reply



Thank you!

Theorose Elikplim DZINEKU

Internet Society Ghana Chapter

Chair, Programs & Communications

Q&A Session



Chapterthon Announcement: I Heart The Internet

<https://www.internetsociety.org/grants/chapterthon/2020/projects/>



Please join us January 28th for a
special event:

Presenting the Action Plan 2021



Thank you.

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11000 Montevideo,
Uruguay

66 Centrepont Drive
Nepean, Ontario, K2G 6J5
Canada

Sin El Fil, Dekwaneh Highway
Aramex Building, 2nd Floor
Beirut, Lebanon

Science Park 400
1098 XH Amsterdam
Netherlands

internetsociety.org
[@internetsociety](https://twitter.com/internetsociety)

9 Temasek Boulevard
#09-01 Suntec Tower Two
Singapore 038989

