



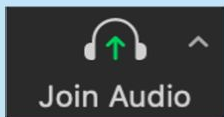
80 | POLICY  
FORUM



# Virtual Participants

1

Connect your **Zoom Audio** to listen to the meeting.



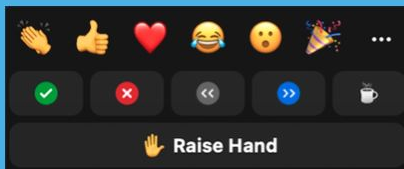
2

Turn on your **Zoom Video** to be seen by other participants.



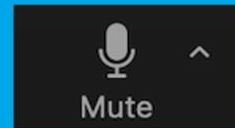
3

Raise your hand in **Zoom Reactions** to join the speaking queue.



4

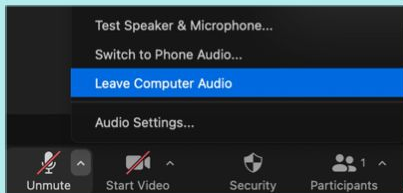
Unmute your **Zoom Audio** when called upon to speak.



# On-Site/In-Room Participants

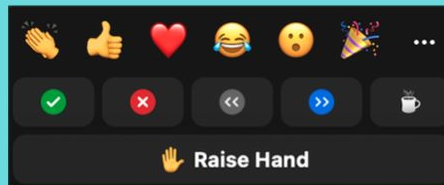
1

Do **not** connect your **Zoom Audio**. To disconnect your audio, click on the **Up Arrow** and select **Leave Computer Audio**.



2

Raise your hand in **Zoom Reactions** to join the speaking queue.



3

Use the physical microphone at your seat or in the aisle when called upon to speak.





# ccNSO Members Meeting - Day 1 ccTLD News Session

**I C A N N | c c N S O**

Country Code Names Supporting Organization



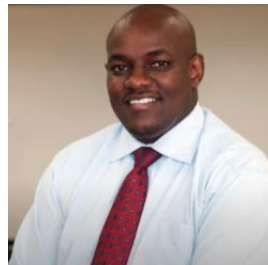
# ccTLD News Session

**Tuesday, 11 June 2024 | 10:45-12:15 (08:45-10:15 UTC)**

News for and by ccTLDs!

Session chair: Joel Karubiu (AFTLD)

- Digitization of South African Public Schools with school.za 2nd level domains, Plantina Tsholofelo Mokone (.za)
- Large scale of community projects of a small registry, Dejan Djukic (.rs .cpb)
- Driving Digital Innovation: .ng ccTLD Registry Initiatives, Busayo Balogun (.ng)
- Ten years of broadband measurement: lessons from Canada, Charles Noir (.ca)
- New registrar requirements, Kristian Ørmen (.se, .nu)





## ZADNA on a Page



Your online presence....  
**Our business**



- The .za Domain Name Authority (ZADNA) is the statutory regulator and manager of ZA Namespace.



- The Authority must enhance public awareness on the economic and commercial benefits of domain name registration.



- Comply with international best practice in the administration of the .ZA domain name space; license and regulate registries and registrars and publish guidelines on .ZA domain namespace.



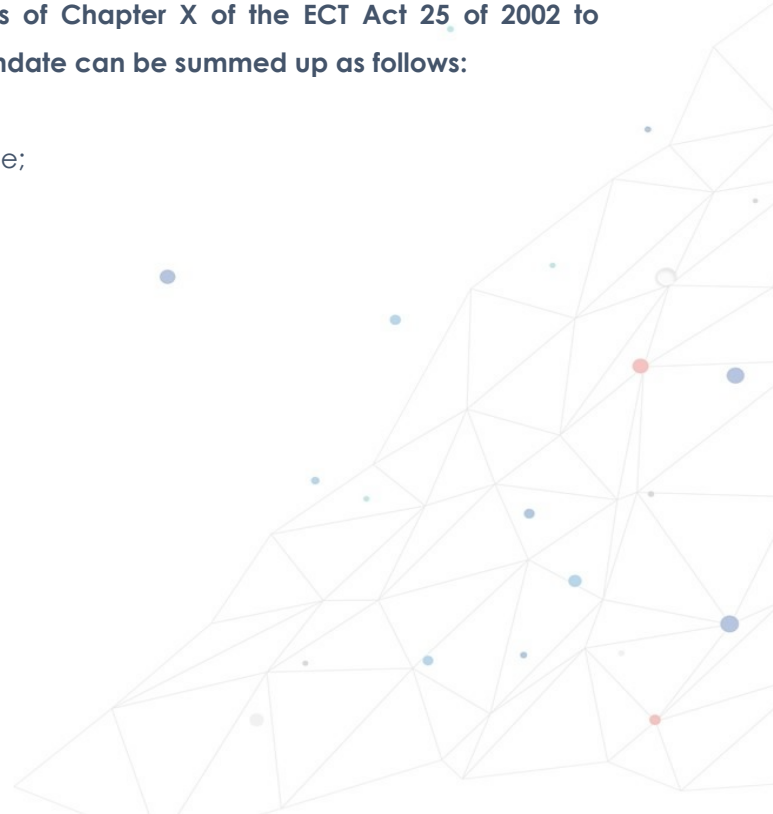
- ZADNA is the custodian of the Internet Governance in South Africa.

**ZADNA is a statutory, not-for-profit entity established in terms of Chapter X of the ECT Act 25 of 2002 to administer, manage and regulate the .ZA namespace. The mandate can be summed up as follows:**

- a) The management and administration of the .ZA namespace;
- b) . ZA policy, licensing, and regulation;
- c) Monitoring and compliance;
- d) Domain name awareness and education;
- e) Research and development; and
- f) Making relevant policy recommendations to the Minister.
- g) Alternate Dispute Resolution Regulations

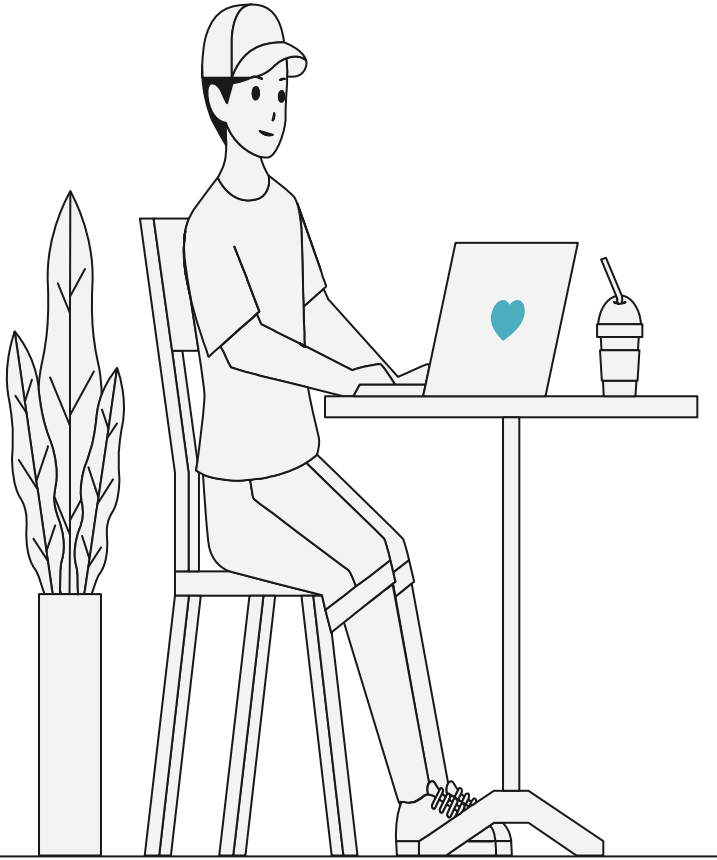
## **Additional non-ECT Act Responsibilities**

- i. dotCities
- ii. Internet Governance



# ZA Schools Digitisation Project

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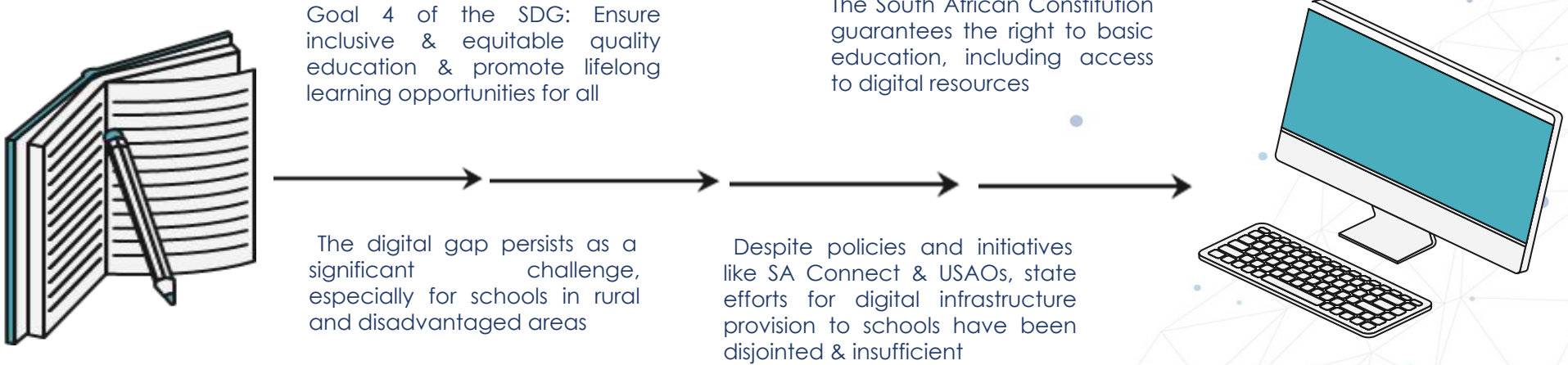


## BACKGROUND & OBJECTIVE OF INITIATIVE



# 03

## Problem Statement



# 04

## Problem Solution



# ZA Schools Digitisation Project

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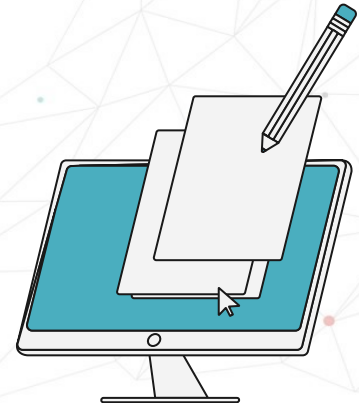
**PROGRESS...**



# 05

## Administrative millstones

- Department of Communication and Digital Technologies endorsed the project
- ZADNA is the project custodian with implementation from relevant stakeholders
- Memorandum of Understanding (MoU) with USAASA for funding
  - Initial funding of 11 million rand secured
- Google collaboration for learning classrooms and platforms
- MoUs with Free State and Northern Cape Department of Education for project endorsement.
- Partnership with National Electronic Media Institute of South Africa (NEMISA) for Digital Literacy Cybersecurity and safety training targeted at: Educators, Learners, and Parents.



# 06 Technical Millstones

**01**

Deployed **6.4%** school.za domain names in 6 months. **22%** school.za domain names scheduled for the 2024/25 FY

**02**

Developed & deployed **3** websites for **3** public schools

**03**

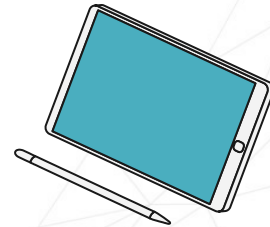
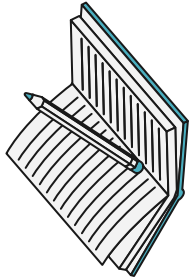
Provided emails for **10.2%** Learners & **10.2%** Educators

**04**

**6.4%** educators, parents, and learners provided with digital skills

**05**

Provide training opportunities **0%** unemployed youth nationwide all



# ZA Schools Digitisation Project

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## ANALYSIS OF PROGRESS...

Progress lies not in enhancing what is, but in advancing toward what will be. - Khalil Gibran

# 07 Initiative Challenges

| Description                   | Challenge                                                                                                                                                               | Impact                                                                                                                                                                                                                                     |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Resource Allocation</b>    | Limited resources such as funding and manpower hinder the smooth execution of the project.                                                                              | <b>3.9%</b> of funding has restricted the scope and reach of the project, while <b>0.1%</b> manpower has resulted in delays in project implementation.                                                                                     |
| <b>Technical Complexity</b>   | Connectivity issues, especially in remote underprivileged areas.                                                                                                        | <b>Connectivity</b> issues impedes the successful implementation of the project by disrupting communication and hindering the effective integration of technology into the learning platform.                                              |
| <b>Capacity Building</b>      | Delays in building the capacity of educators, students, and support staff to effectively utilize digital platforms.                                                     | Educators, students, and support staff are hesitant to embrace the learning platforms, resulting in a slow adoption rate and reluctance to explore other innovative feature for teaching.                                                  |
| <b>Stakeholder Engagement</b> | Limited buy-in from enablers of deployment such as Provincial Departments of Education and local communities, to address unique needs and concerns regarding education. | Though we have full buy-in from Provincial governments in the Free State and Northern Cape, other provincial governments are not forthcoming, presenting a challenge of collaboration, which undermines the sustainability of the project. |



# 08 Initiative Success Factors

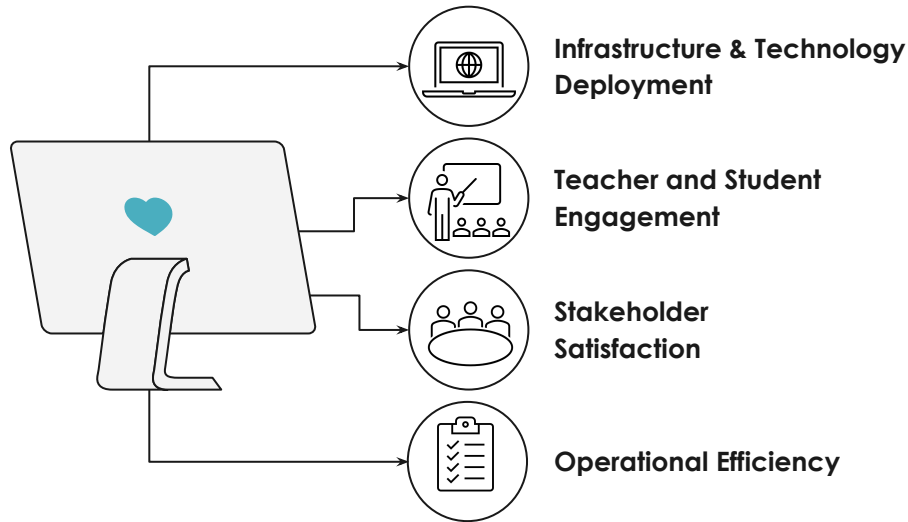


**.ZA  
SCHOOLS**  
Digitisation



**LAUNCHED**

# 09 Measure outcome matrix



Usage of digital learning resources and platforms.

Frequency of teachers using learning platform and integrating it into teaching practices.

Student and teacher satisfaction, coupled with parental involvement and understanding of learning platform

Improvements in school administration and management through learning platform .

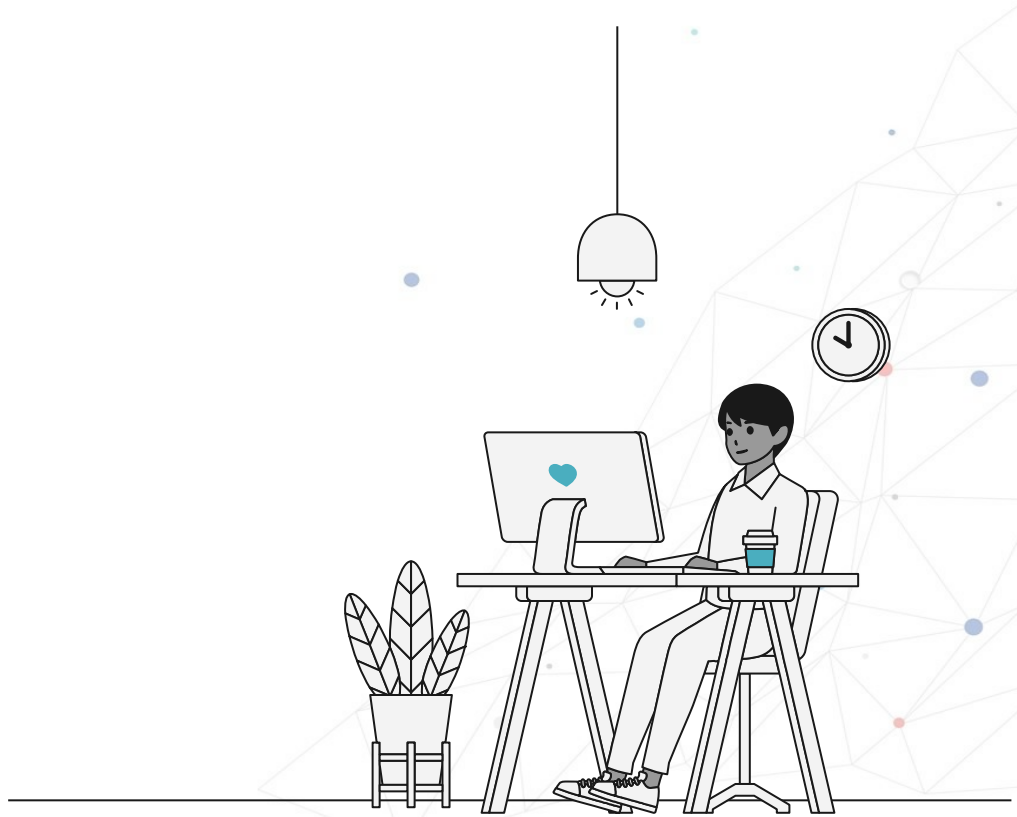
# Thanks!

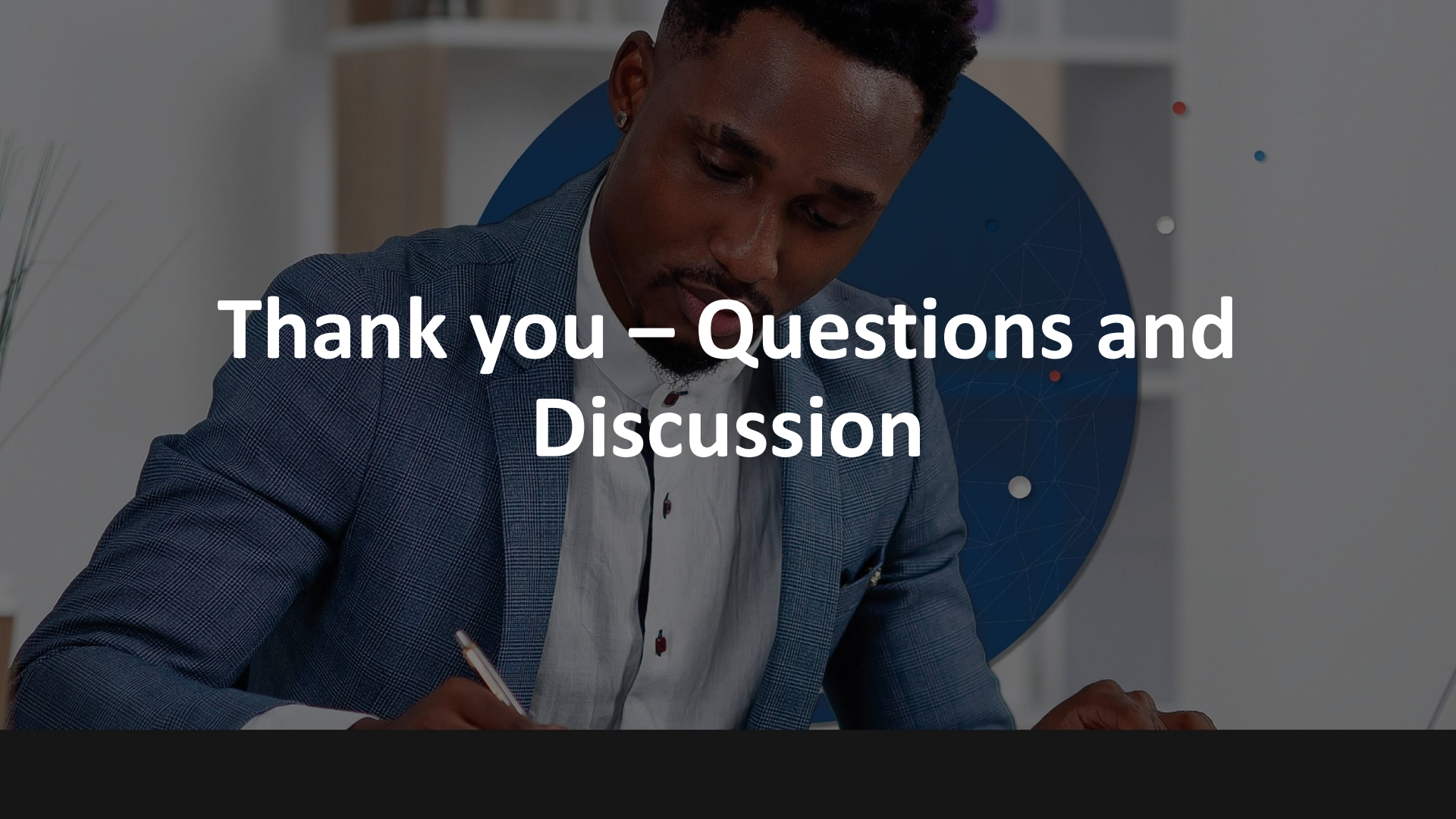
**Do you have any questions?**

Tsholofelo@zadna.org.za

+27 10 020 3919

<https://www.zadna.org.za>



A man with short dark hair and a beard, wearing a blue blazer over a light blue shirt, is seated at a desk and writing on a notepad with a white pen. He is looking down at his work. In the background, there is a white shelf with some items and a large blue circular graphic with a network of white lines and dots. The text "Thank you – Questions and Discussion" is overlaid in white on the image.

**Thank you – Questions and  
Discussion**

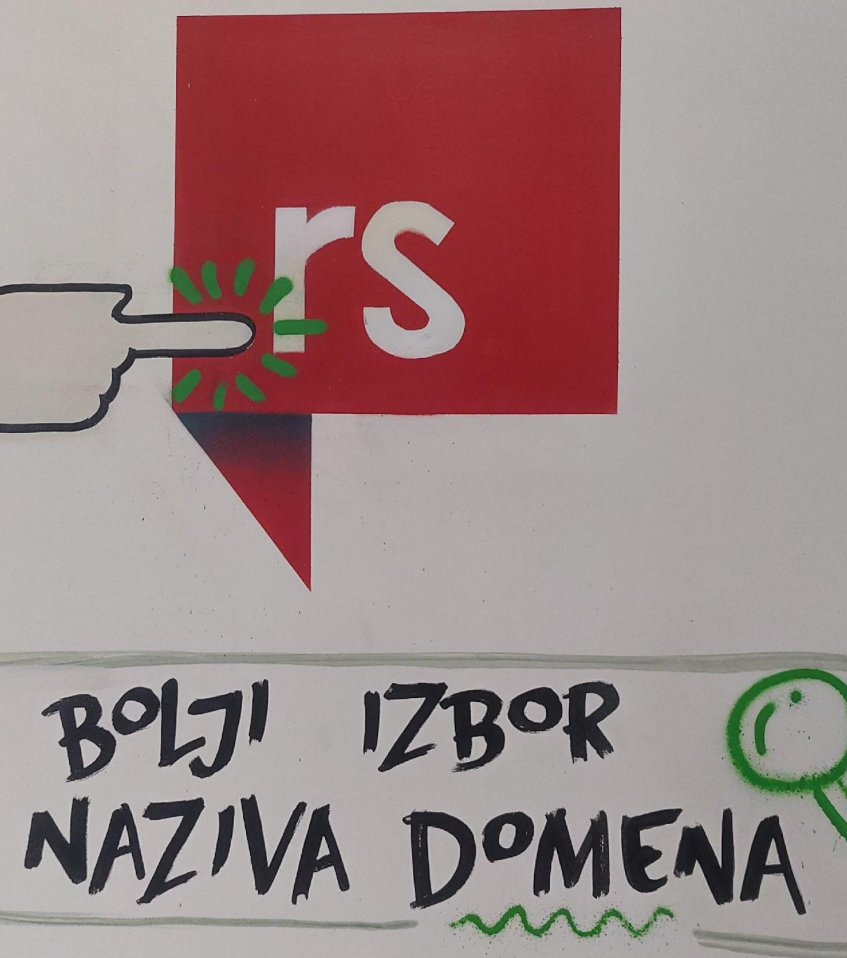


## RNIDS experiences

**DATE**  
6/11/2024

**PRESENTER**  
Dejan Đukić

**EVENT**  
**ICANN 80**



# Meet RNIDS - .rs/.cp6 registry

- Serbin registry with two ccTLDs
- .rs (also IDN on second level) – over 139 thousand
- .cp6 – Cyrillic – 3 thousand
- 15 employees
- Infrastructure of special importance

# Meet RNIDS - priorities

## **Stability**

Top notch service  
availability

## **Security**

DNSSEC, three domain  
names protection  
options

## **Efficiency**

registration procedure  
and business  
processes aligned with  
best practices

## **Community**

fostering exchange and  
growth

# Meet RNIDS - The community outreach

- **Strategically chosen** – regional impact and international cooperation
- **The Foundation** – in our core to give back to society



SPEAKING

**Danko Jevtović**

Member of Board of Directors,  
Internet Corporation for Assigned Names and Numbers  
(ICANN)

# Belgrade on a map

of tech community and domain industry

# Belgrade on a map - 2022

- RIPE 85
- DNS OARC
- CENTR Tech meeting



# Belgrade on a map - 2023

## CENTR Jamboree meeting

6/11/2024

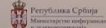


# Belgrade on a map - 2024

UA Day 2024 – keystone event



# СРПСКИ ФОРУМ О УПРАВЉАЊУ ИНТЕРНЕТОМ



## Dialogue and Policymaking

# IGF СРБИЈА

# Dialogue and Policymaking – locally

## IGF Serbia

In partnership with Ministry of Information  
and Telecommunications and other  
relevant stakeholders



# Dialogue and Policymaking – across the border

- Supporting **SEEDIG**
- Supporting **EuroDIG** (virtual co-host in 2021)



A group of young people, mostly teenagers, are shown from the chest up. They are wearing t-shirts with the word 'LOKAL' in large, colorful, stylized letters. Some shirts also have 'LOCALLY GROWN' and 'GLOBALLY KNOWN' written on them. The background is dark and out of focus. The text 'Community Player' is overlaid in large white letters, and 'Activates in local community' is overlaid in smaller white letters below it.

# Community Player

Activates in local community

# Cybersecurity

- National Cybersecurity Conference (with partners)
- Supporting capacity building program Cyber Hero
- Various activities and campaigns (with Ministry of Defense – Cyber Tesla, digital campaigns with Cyber Security network foundation)



# Inspire, donate, educate!

- Community relevant events: RSNOG, DIDS
- Events with academia (annual conference/roundtables with Faculty of Law)
- Events with business community – Business club



# Inspire, donate, educate!

- Community relevant projects – free Cyrillic typefaces
- Community relevant inhouse education projects: domen.rs, lokalac.rs
- Sponsorship and donations program



# Thanks for your attention

**Dejan Đukić**

dejan.djukic@rnids.rs

[www.rnids.rs](http://www.rnids.rs)  
[рнидс.срб](http://рнидс.срб)

[www.domen.rs](http://www.domen.rs)  
[домен.срб](http://домен.срб)



# Driving Digital Innovation: .ng ccTLD Registry Initiatives

Busayo Balogun

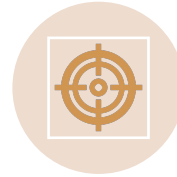
Head, Corporate Services

Nigeria Internet Registration Association (NiRA)

# Who Are We



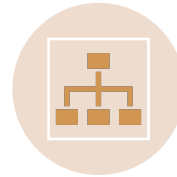
NiRA: Not-for-Profit, Non-Governmental Self-Regulating body that manages the .ng ccTLD.



Mission: To administer the .ng ccTLD in a value-driven manner for all our stakeholders.



Vision: To be a leading ccTLD registry by delivering exceptional services and harnessing valuable partnerships.



Operation Model: 3R Model (Registry-Registrars-Registrants).



## .ng ccTLD Registry Initiatives



.ng Registry Dashboard



Digital Literacy



.ng Awards



Registrars' Forum

# .ng Registry Dashboard



## .ng DOMAIN NAME STATISTICS

The total domain names of the .ng Registry is currently:

224,401

[© click here for more details](#)

[Login](#)

[Sign Up as a Registrar](#)



Centralized platform for efficient domain portfolio management.



Offers real-time insights into domain activity and performance metrics.



Revolutionizes data accessibility, enabling informed decision-making and strategic planning.

- Available to the public at

# Detailed View of .ng Domain Dashboard



## MAIN NAVIGATION

[Dashboard](#)

[Zones](#)

[Login](#)

## WELCOME TO .NG DOMAIN STATISTICS DASHBOARD



.MOBI.NG DOMAIN NAMES

3564

[View more details](#)



.NET.NG DOMAIN NAMES

4344

[View more details](#)



.EDU.NG DOMAIN NAMES

1645

[View more details](#)



.GOV.NG DOMAIN NAMES

2393

[View more details](#)



.SCH.NG DOMAIN NAMES

4459

[View more details](#)



.MIL.NG DOMAIN NAMES

282

[View more details](#)



.I.NG DOMAIN NAMES

2787

[View more details](#)

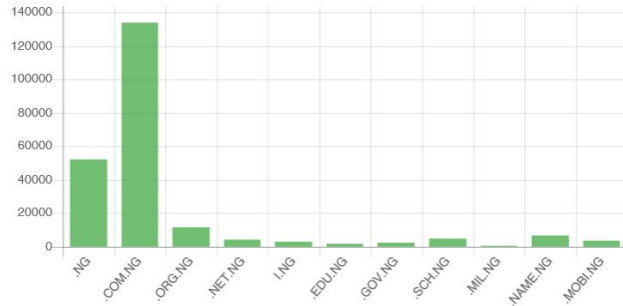


.NAME.NG DOMAIN NAMES

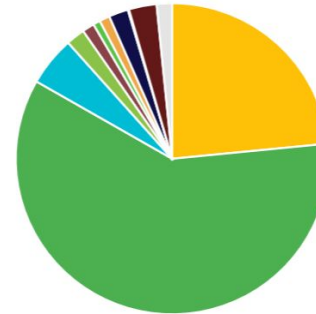
6387

[View more details](#)

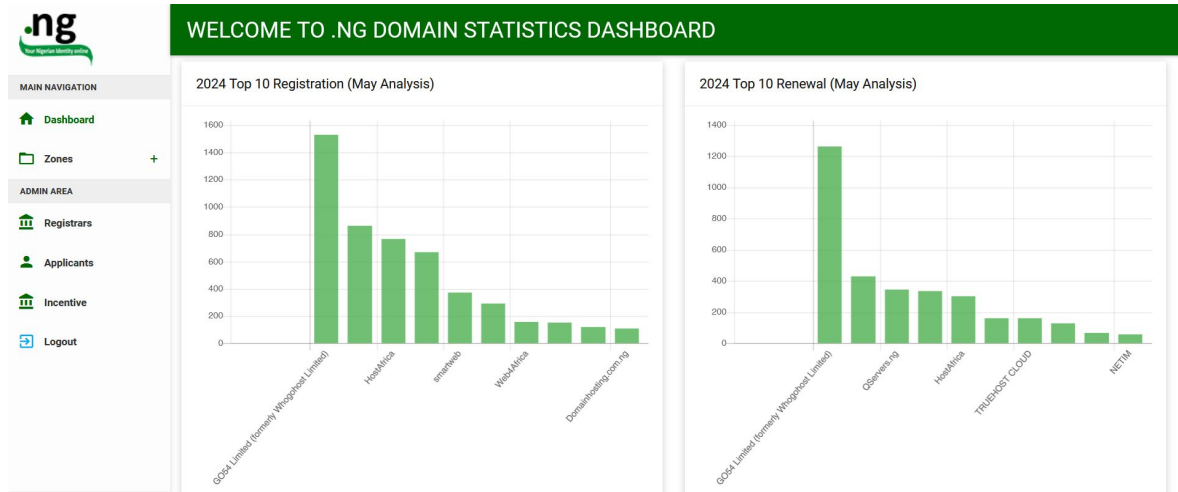
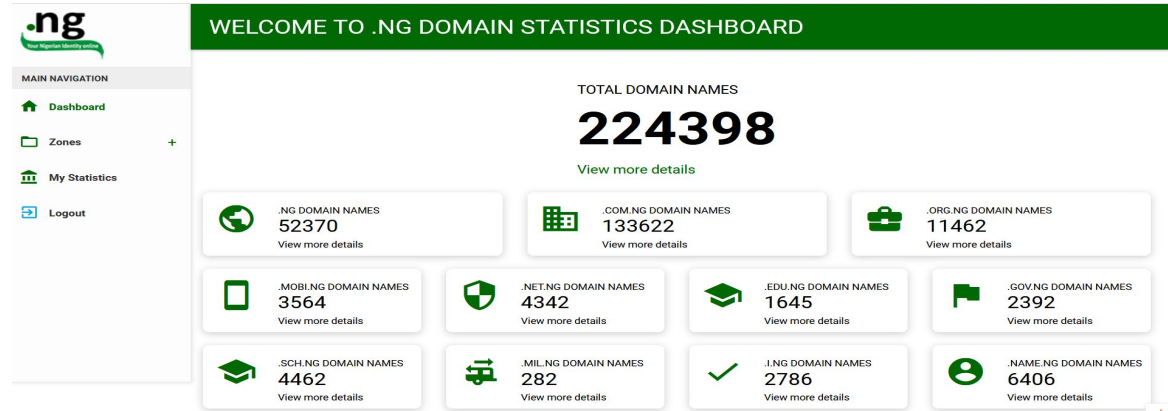
## .NG DOMAIN STATISTICS



## PIE CHART



# View of the Dashboard (contd)



# Digital Literacy (SPVs)



.ng Academy

- + Capacity Development.
- + Trainings for Law Enforcement Agencies.
- + Resellers' Entrepreneurship Program.



THE  
NDUKWE-KALU  
FOUNDATION

NKF (Ndukwe Kalu Foundation)

- + COSPRA Summit.
- + Teachers Trainings, Webinars on online Safety & Privacy, Digital Literacy)
- + Collaborations (ISOC, PIN, IDI, AfIGF,)



## .ng Awards

- + Celebrate excellence and innovation in Nigeria's digital landscape, focusing on remarkable achievements and contributions in the .ng domain space.
- + Recognize individuals, businesses, organizations, and initiatives leveraging the .ng ccTLD for significant advancements in technology, entrepreneurship, education, and community development.
- + 35 awardees in total (5 public institutions, 19 private entities & 11 individuals).

# Registrars' Forum

- ❖ Quarterly Engagements with registrars to enhance registry's business process, thereby supporting their businesses.
- ❖ Appointment of a Registrar Relationship Manager to strengthen registrar relations.



[illegible]



# Ten years of broadband measurement: lessons from Canada

CHARLES NOIR, VP COMMUNITY INVESTMENT, POLICY AND ADVOCACY

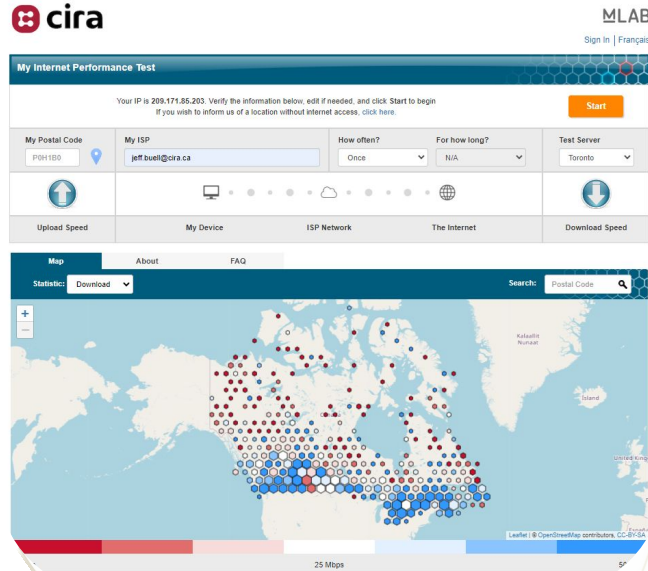


We're best known for managing 3.4M .CA domains and providing a range of cybersecurity, DNS and registry services.

**But we also invest in initiatives like:**

- Grants by Net Good (\$1.25M annually)
- Canadian Shield
- Internet Exchange Points (IXPs)
- Internet Performance Test





## CIRA's Internet Performance Test

- Based on the M-Labs NDT7 platform.
- Global consortium of researchers.
- Test nodes are hosted in tier one city IXPs.
- Methodology focused on “real world” experience.
- Focus on digital equity challenges, digital divides



QoS verification



Education/awareness



Troubleshooting



Broadband mapping



Chart progress



Transparency  
and advocacy

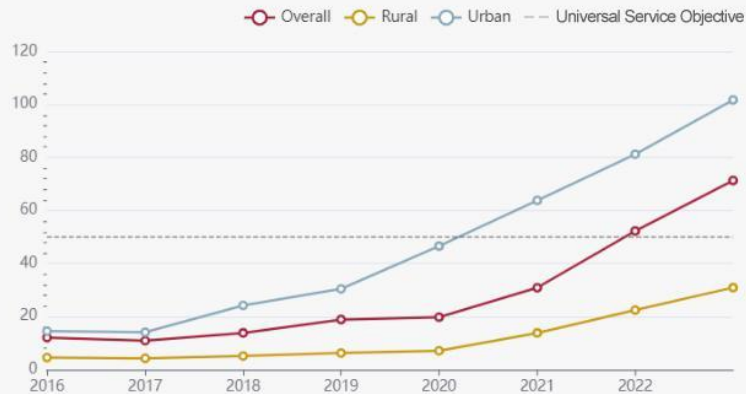
# Use Cases

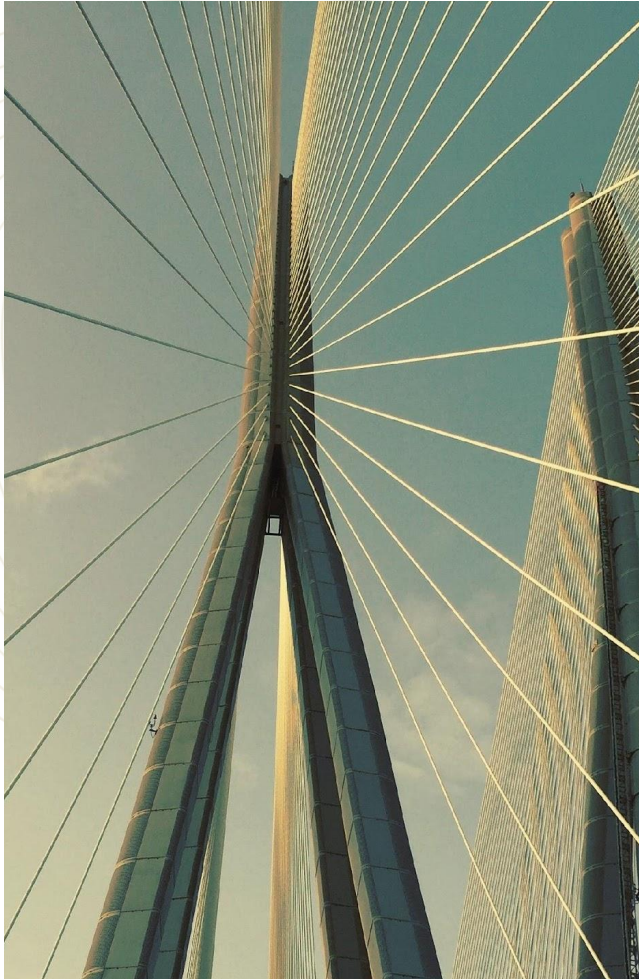


## What we've learned

- Performance has improved domestically.
- Tracking against national 50/10 Mbps objective.
- Varies by region (urban vs. rural).
- CIRA data has helped communities identify gaps, acquire funding, and track progress.

Canadian median download speeds





## Platform evolution

- Increased transit capacity from 1G to 10 Gbps
- User interface undergoing a major overhaul.
  - Contemporary
  - Responsive and mobile friendly
  - Geographic Accuracy
  - Increase exposure
- Program's future



Building a trusted  
internet for Canadians.

VI ♥ INTERNET



INTERNET ♥  
STIFTELSEN

The Swedish Internet Foundation is an independent, private foundation that works for the positive development of the internet.

INTERNET   
STIFTELSEN

# **New registrar requirements & renewal rate registration discount**

Kristian Ørmen

# Quality over quantity

Last year we also added more requirements for registrars

We continue to raise the bar this year with more requirements for registrars to make sure the overall quality of our service improves.

# Minimum 50 unique customers

To make sure registrars have a minimum of knowledge with handling .se/.nu domains we have now added a requirement that registrars at all time must have a minimum of 50 unique customers.

This also applies to new registrars, which therefore must be resellers before becoming registrars. This way we can also fully check compliance with our contract before accepting them as registrars.

We collect org. no. / personal no. on registrants and this is what counts when we count customers. It doesn't matter if they have 1000 domains if they only have 10 customers.

# Minimum 50 unique customers

Current registrars with less than 50 unique customers are invited to provide a reasonable plan for how to become compliant within 6 months

Alternatively, we can help them with auth id's for current domains on their account so they can easy bulk transfer domains to another registrar and terminate their direct agreement with us.

Registrar transfers are free of charge for .se and .nu

# Incorrect registrant data

It was already a requirement to verify registrant data and that it needs to be kept up to date. But what happens when it doesn't?

We can deactivate or even delete domains that have incorrect registrant data, but registrars actions have been more limited.

Registrars of course don't want to deactivate a domain of a paying customer and they usually prefer not to be stricter than the competitor, since they then risk losing their customers.

# Incorrect registrant data

We now require that if a registrar becomes aware of incorrect data, they must contact the registrant and if the registrant does not correct it, the registrar must deactivate the domain.

We also allow registrars to refuse to perform services for the domain as long as the data is incorrect. This includes changing nameservers and providing auth id for the domain.

# Incorrect registrant data

Examples of when the registrar are aware of incorrect registrant data:

- If we find many domains with incorrect data we will send the registrar a list
- If a third party finds a domain with incorrect data and informs the registrar
- If the registrar itself finds incorrect data, for example when handling a customer support case

# Renewal rate registration discount

Registrars kept doing crazy campaigns even though we don't offer this from our side and have increased our prices. These campaigns both gives more abuse and put their renewal rate under pressure.

By making a registration discount based on renewal rate, therefore makes sure that they will loose the discount if the campaigns they do increases bad registrations.

Registrars with a renewal rate higher than 82% on their full portfolio will get a discount of 20 SEK on each new domain registration.

Contracts and appendixes are public available for download at <https://registry.se>

# Questions?

**Kristian Ørmen**

**Kristian.ormen@internetstiftelsen.se**

# VI INTERNET

The Swedish Internet Foundation is an independent, private foundation that works for the positive development of the internet.

**INTERNET **  
**STIFTELSEN**

# Thank you!

Coming next:  
ccNSO DNS Abuse Session



Join at [menti.com](https://menti.com) | use code 71416771

CCTLD NEWS SESSION

## How would you rate this session?

Excellent

Very  
good

Neutral

Bad