Integrating the ISOC Trust Agenda

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Internet
Society

Outline
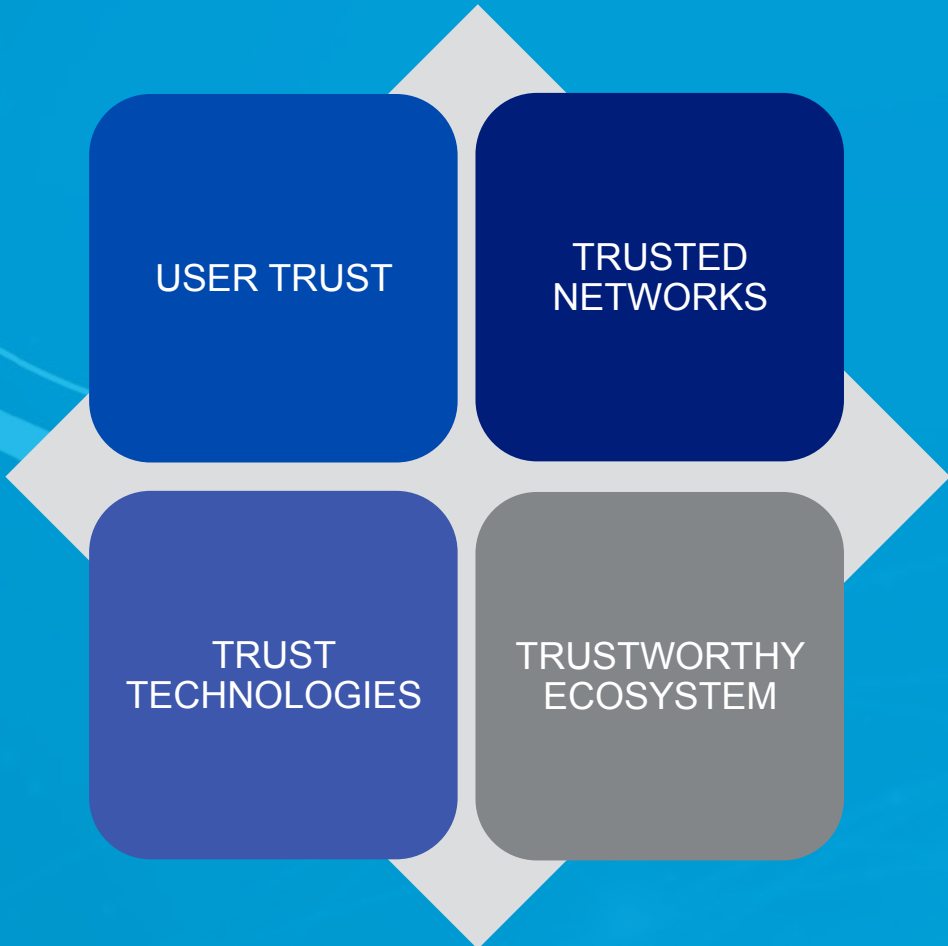
- **Our Agenda**
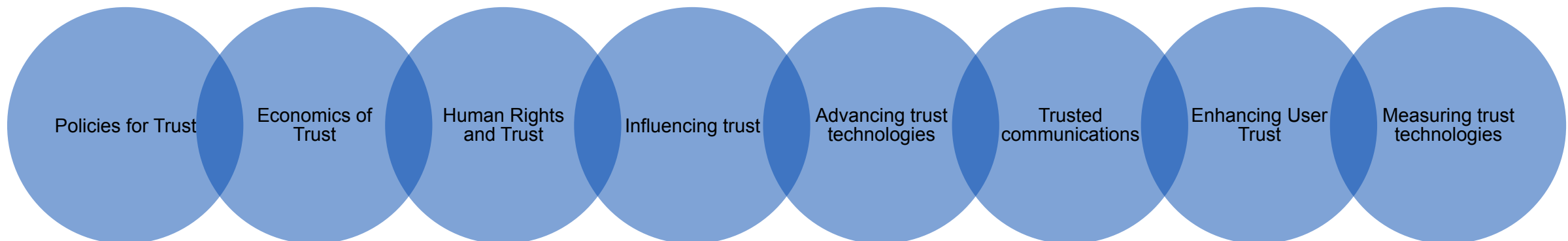- **Internet Governance and trust**
- **Trust and Internet Technology**

Trust agenda – Promoting and restoring trust in the Internet

Our goal is:

- to enhance user trust in the Internet

- to drive the adoption of policies and governance frameworks that reinforce trust

- to drive the development and deployment of trust technologies

Through our work on trust:

Policies for Trust · Economics of Trust · Human Rights and Trust · Influencing trust · Advancing trust technologies · Trusted communications · Enhancing User Trust · Measuring trust technologies

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Trust in the governance of the ecosystem

Multistakeholder governance

- Led to economic growth & social development

- More robust to address emerging issues

Today, this trust is eroded

- Call for new UN mechanisms

- Governments closing their cyber-borders

- Internet fragmentation

- Deceleration of Internet adoption

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Recent achievements – ISOC Collaborative Security breaking through

- No cyber-security treaty: Global Conference on Cyberspace, OECD, WSIS+10, G7

- Multistakeholder partnerships: IGF Best Practices, ITU, African Union

- Trusted ecosystem: IANA transition ensures security, stability, resiliency of the DNS

- ISOC thought leadership: Human Rights Resource Center, Policy briefs, community dialogues

Collaborative approach in action

Emerging issues and upcoming milestones

- Data flows and global trade vs. Privacy?: OECD, G20

- Role of governments? : Enhanced cooperation debate, future of IGF, WTSA

- A Geneva-type of Declaration to secure critical Internet infrastructure? : UN Security Council
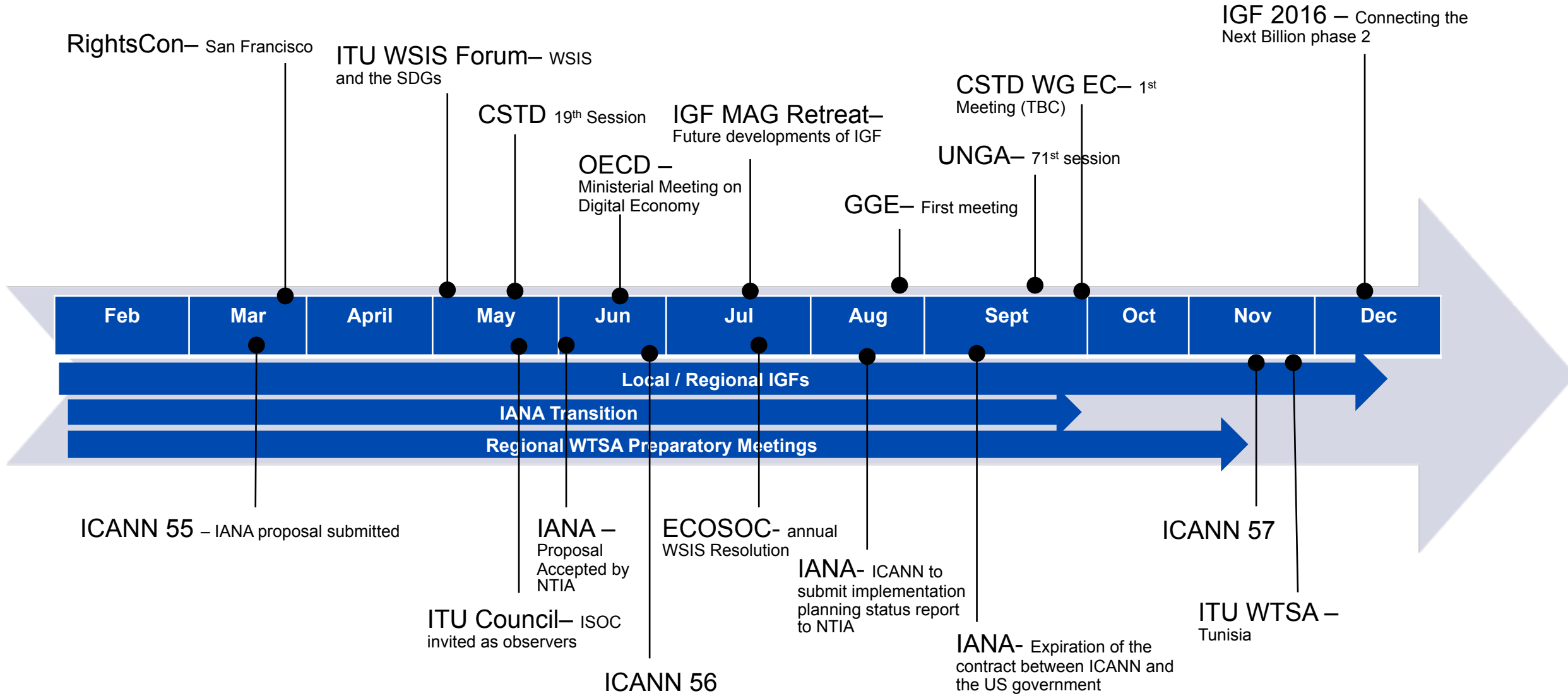
New mechanisms to secure the Internet?

ISOC needs to step-up:

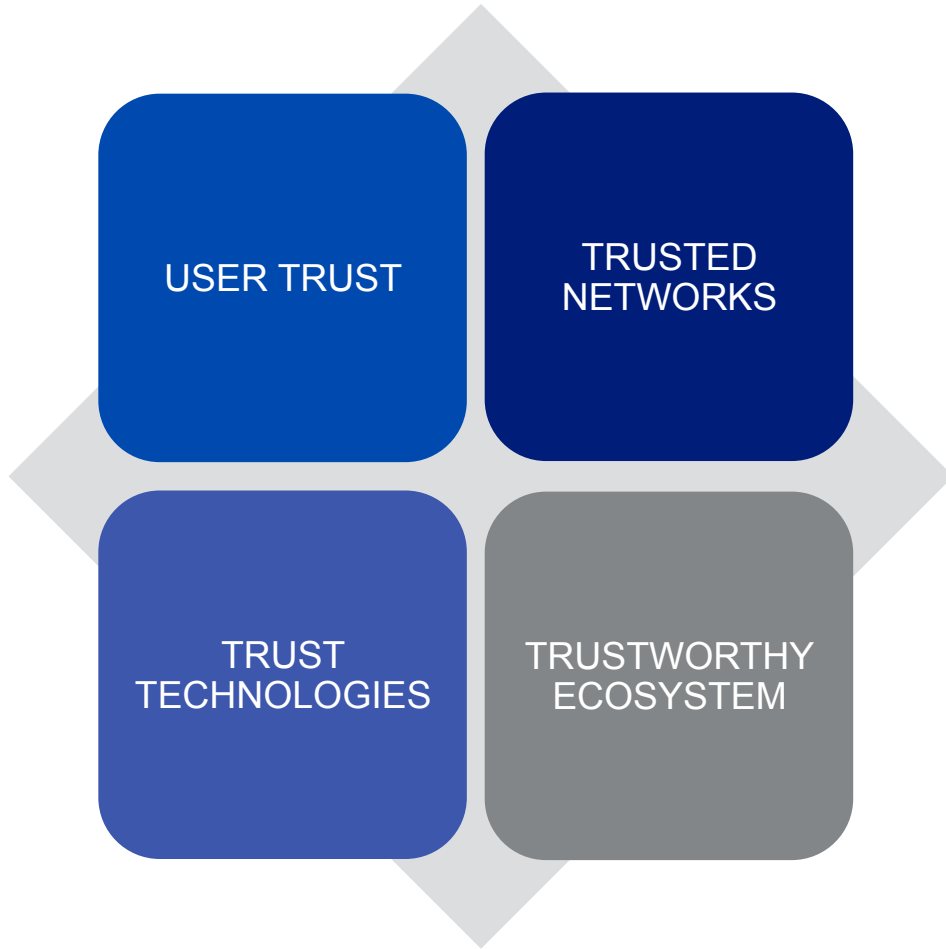⇒ISOC integrated Trust Agenda

⇒Understanding economics of Trust: GIR

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Timeline

RightsCon– San Francisco

ITU WSIS Forum– WSIS and the SDGs

CSTD 19th Session

IGF MAG Retreat– Future developments of IGF

OECD – Ministerial Meeting on Digital Economy

CSTD WG EC– 1st Meeting (TBC)

UNGA– 71st session

GGE– First meeting

IGF 2016 – Connecting the Next Billion phase 2

Feb	Mar	April	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec

Local / Regional IGFs

IANA Transition

Regional WTSA Preparatory Meetings

ICANN 55 – IANA proposal submitted

IANA – Proposal Accepted by NTIA

ECOSOC- annual WSIS Resolution

ICANN 57

IANA- ICANN to submit implementation planning status report to NTIA

ITU Council– ISOC invited as observers

IANA- Expiration of the contract between ICANN and the US government

ITU WTSA – Tunisia

ICANN 56

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ISOC Trust Framework – An integrated approach

USER TRUST

TRUSTED NETWORKS

TRUST TECHNOLOGIES

TRUSTWORTHY ECOSYSTEM

A 'trusted Internet':
- Open, globally interoperable Internet that nurtures innovation and creates opportunities for all.
- Supported by inclusive governance and sound policy principles.
- Puts the interests of Internet users at the heart of decisions.

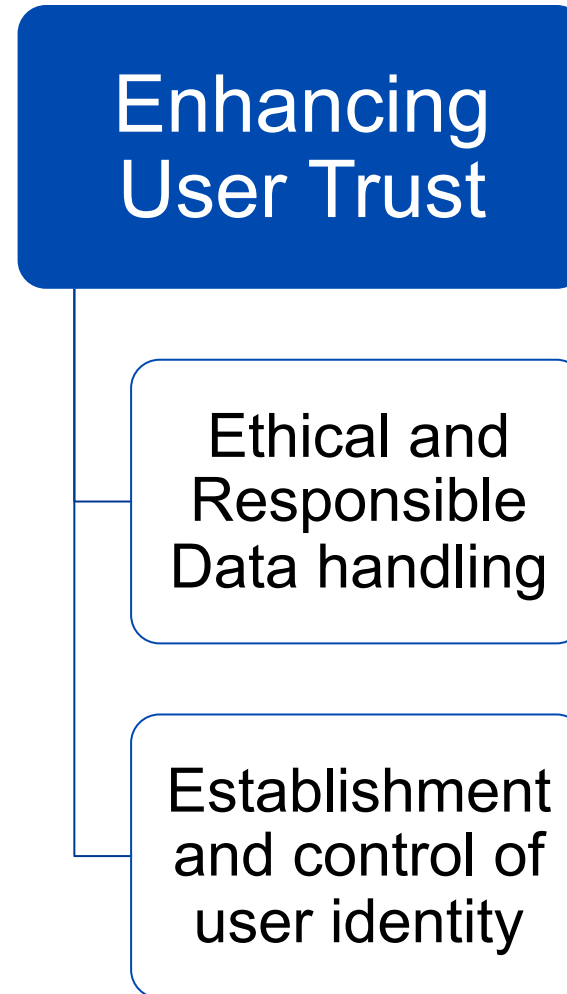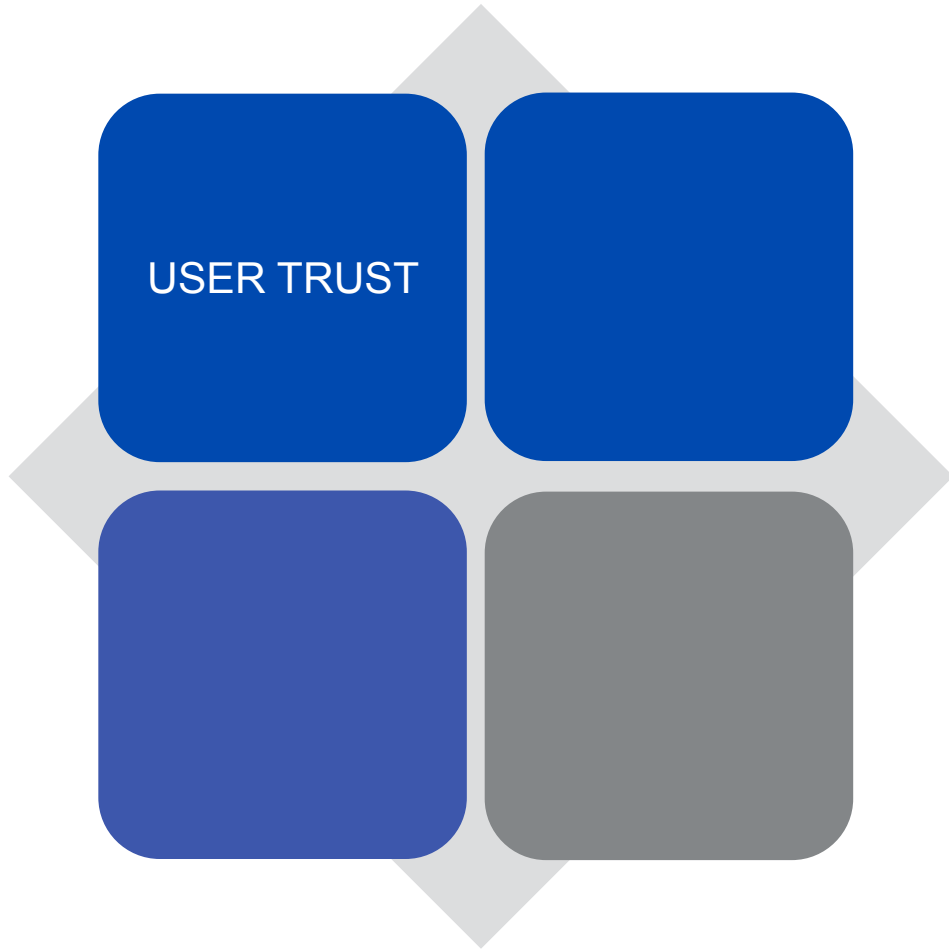The Internet Society

ISOC Trust Framework – An integrated approach

USER TRUST
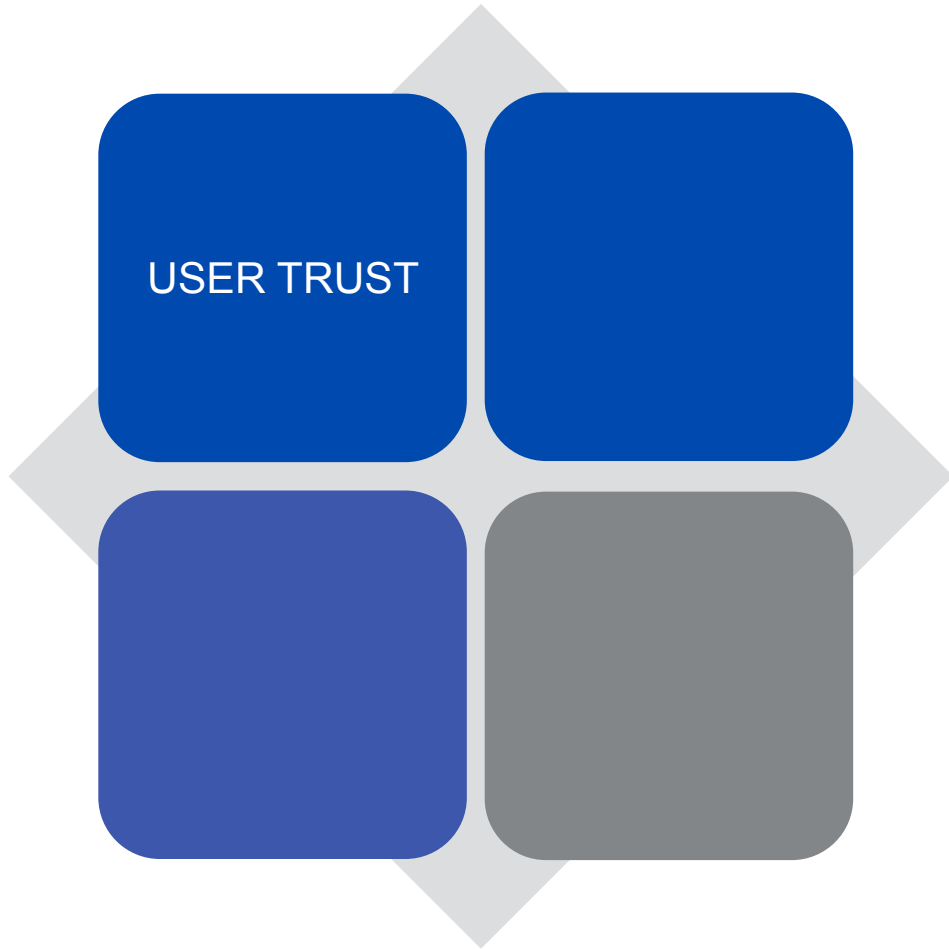
How and why Internet users trust the Internet?

⇒ Putting in place the right infrastructure, policy decisions and a responsive environment that properly addresses users' well-founded concerns.

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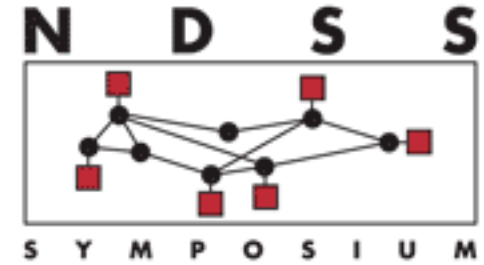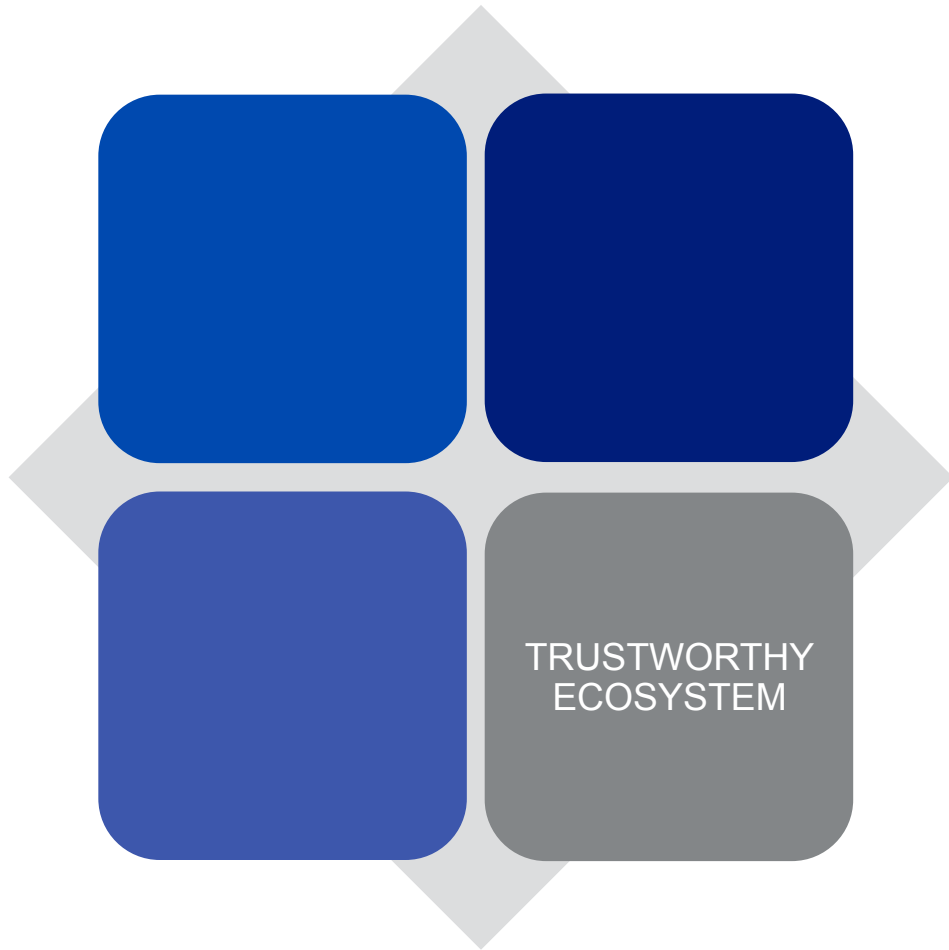
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USER TRUST

Enhancing User Trust

Ethical and Responsible Data handling

Establishment and control of user identity

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TRUSTWORTHY ECOSYSTEM

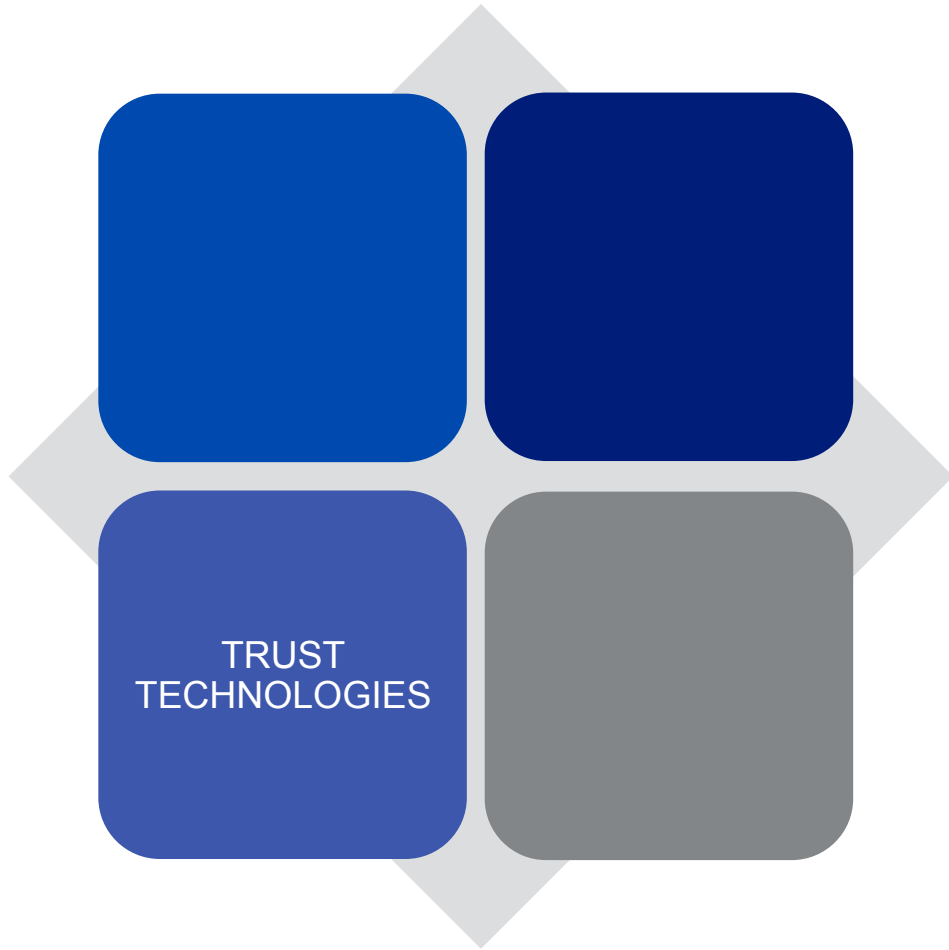**How the Internet is governed and how it deals with cybersecurity issues**

⇒ Participatory bottom-up processes
⇒ Prioritising the stability and integrity of systems
⇒ Maintaining the open nature of the underlying technologies

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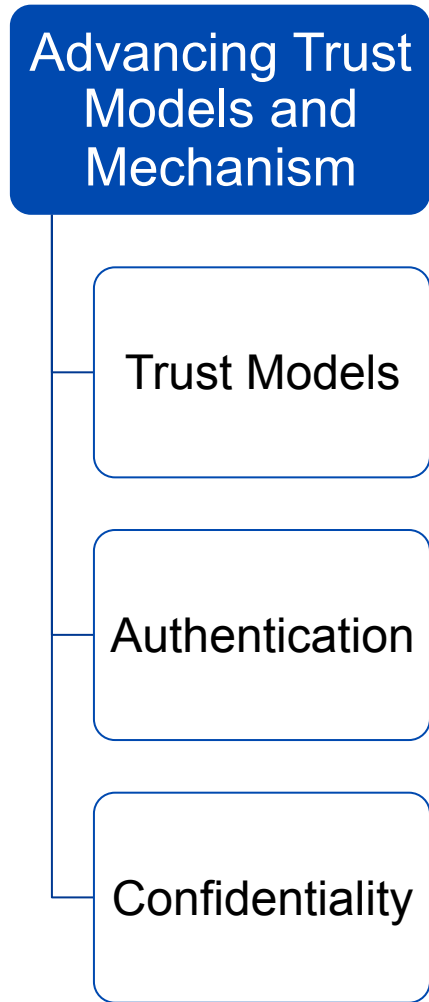
ISOC Trust Framework – An integrated approach
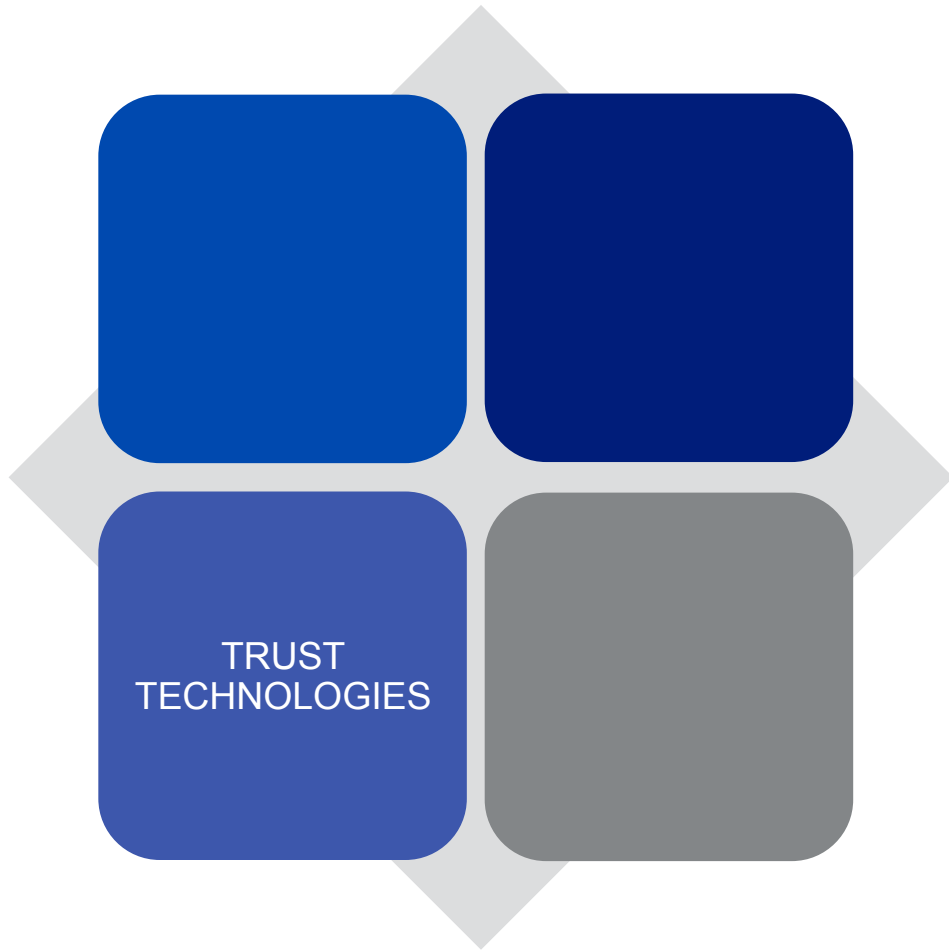
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The technical building blocks:
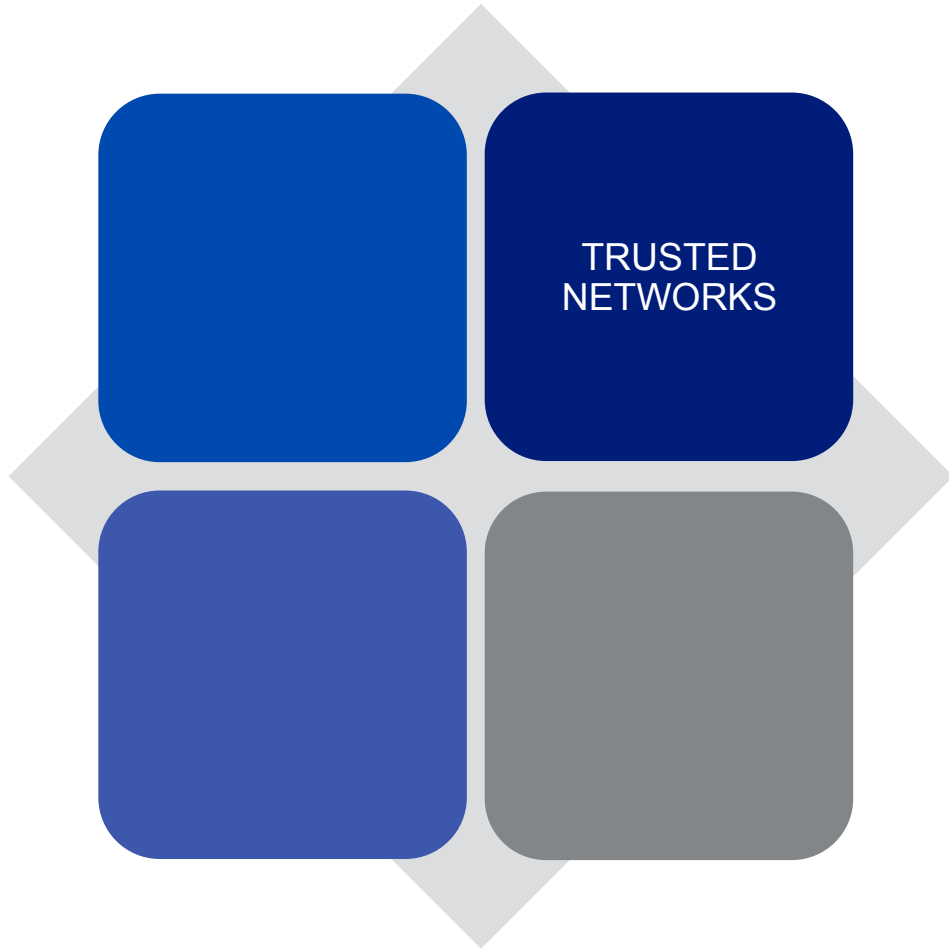
⇒ Confidentiality
⇒ Authentication
⇒ Integrity

TRUST TECHNOLOGIES

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TRUST TECHNOLOGIES

Advancing Trust Models and Mechanism

- Trust Models
- Authentication
- Confidentiality

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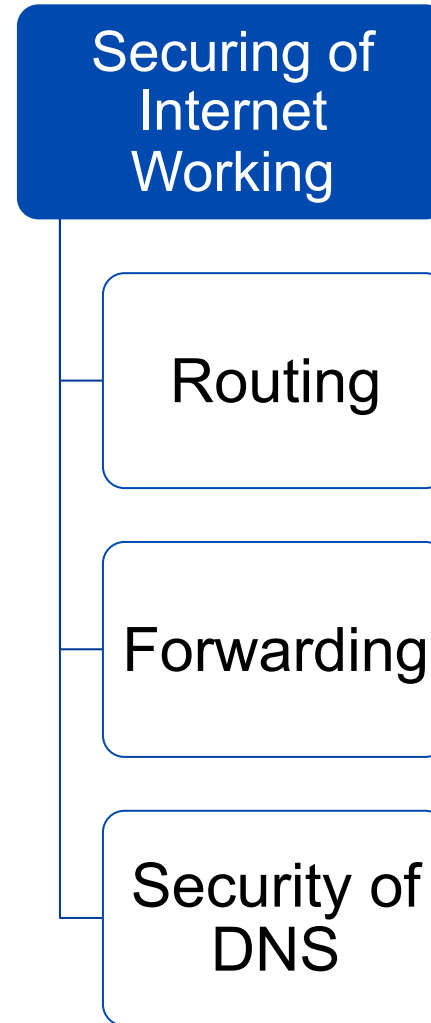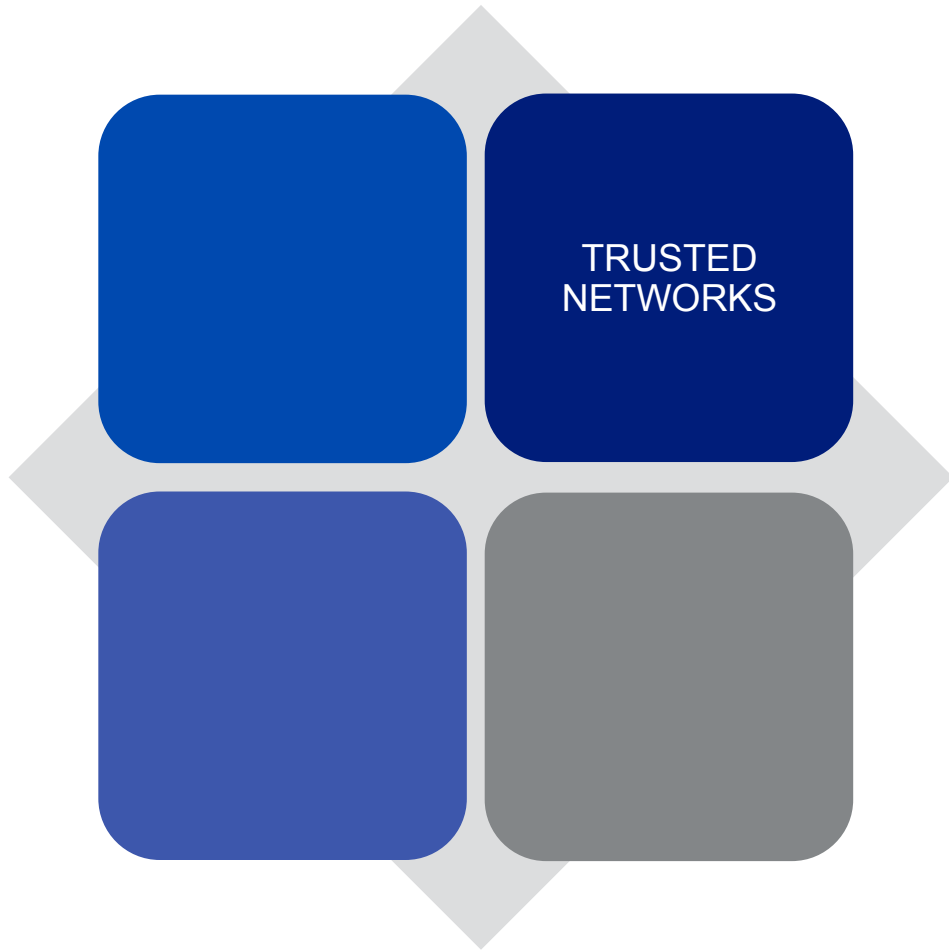
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TRUSTED NETWORKS

Trust is the glue that keeps networks connected and exchanging data
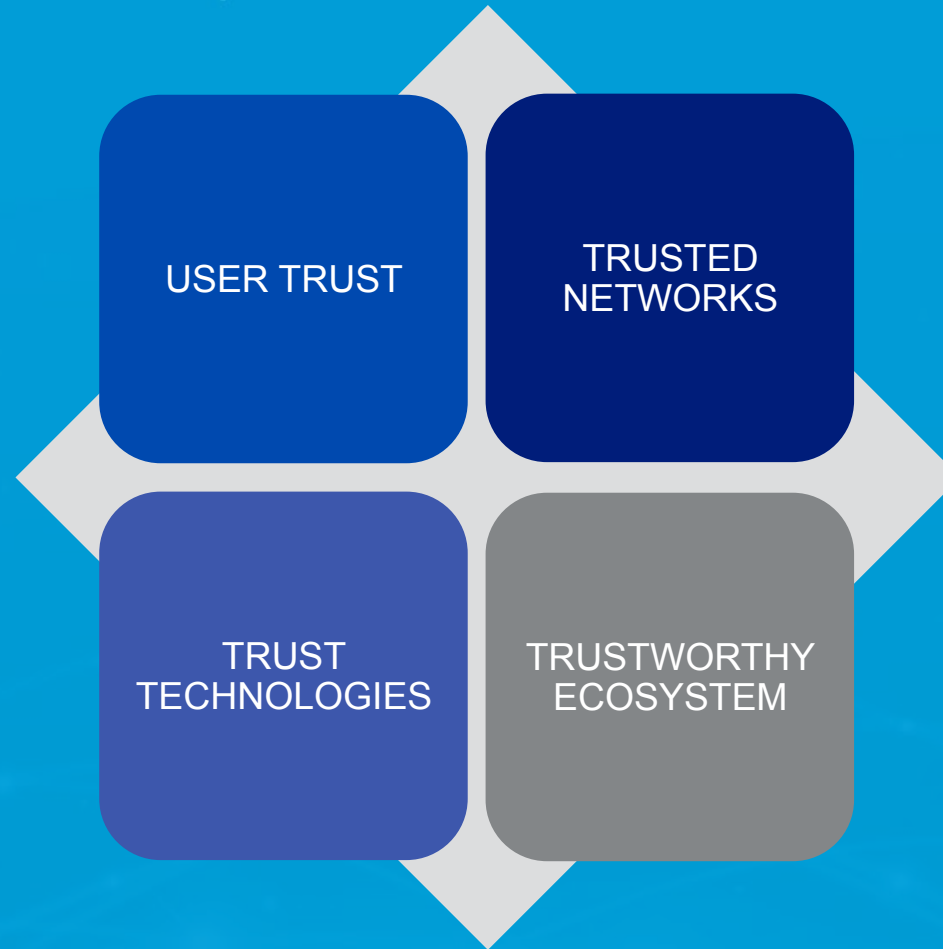
⇒ Internet invariants
⇒ Collaborative Security

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TRUSTED NETWORKS

Securing of Internet Working

Routing

Forwarding

Security of DNS

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Concluding

Questions?

Thank You