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2020 Projects and a Preview of 2021

Strong Internet projects



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Promoting the Internet Way of Networking

A response to the forces shaping the Internet today, defining critical properties that enable the Internet

Outcomes of our work in 2020:

- Create a clearer understanding of the core technical properties of the Internet
- Test our approach in the context of specific legislation

In 2021:

- With Chapters, use the IIAT in African countries to advocate for better policy

Delegates at the 10th annual African Peering and Interconnection Forum (AfPIF) Balacava, Mauritius 20 August 2019.

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Extending Encryption

Addressing the threat to encrypted communications posed by both governments and private sector

Outcomes of our work in 2020:

- Develop of a narrative that advances end-to-end encryption against threats
- Create a diverse & engaged global network of coalitions

In 2021:

- Continue to grow GEC, and mobilize, equip, and support
- Encourage greater adoption of E2E



Encryption Wall, MozFest 2019
Participants were asked to “encode” and “decode” messages and facts about encryption along the wall using augmented reality.

Securing Global Routing

Validating MANRS of a network

Andrei Robachevsky
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Growing the MANRS community, improving measurement of routing security, building capacity among network engineers, and driving global MANRS adoption

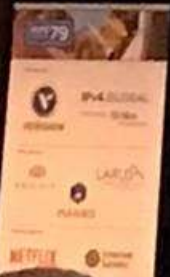
Outcomes of our work in 2020:

- 2x MANRS membership – include new kinds of orgs, such as Content Delivery Networks (CDNs)
- Ambassadors and Fellows program

In 2021:

- MANRS Observatory as a production service
- Vendor program, hands-on lab, more!

Andrei Robachevsky from the Internet Society speaking about MANRS at RIPE 79. October 2019





Increasing Time Security

Time is a fundamental building block of the Internet's operation

Outcomes of our work in 2020:

- Develop materials to help others in their deployments
- Hold secure time interop events

In 2021:

- Distributed testbed, testing events
- Repository of secure time materials
- Preliminary metrics for deployment of secure time

Open Standards Everywhere

An opportunity to show the way in open standards. A chance to practice what we preach.

Outcomes of our work in 2020:

- Deploy four reference web servers
- Develop easy-to-understand materials to support wider standards adoption

In 2021:

- Exploring doing the same for mail servers
- Will add HTTP/3, QUIC to web servers



Photo by [Taylor Vick](#) on [Unsplash](#)

Thank you.

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