CAN INTERNET PROTOCOLS AFFECT HUMAN RIGHTS?

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GPG FP: 2458 0B70 5C4A FD8A 9488 643A 0ED8 3F3A 468A C8B3
NP-Hard

NP-Complete

NP

P

P \neq NP

P = \text{NP} = \text{NP-Complete}

P = \text{NP}
define $PROTOCOL

(1) standard
(2) implementation
define $\text{RIGHTS}$

(1) a bit of history
In Congress, July 4, 1776.

The unanimous Declaration of the States of America.

Congress of the United States.

1215

1689

1776

1789
1947
Universal Declaration of Human Rights

- International Covenant on Civil and Political Rights (ICCPR) 1966
- International Covenant on Economic, Social and Cultural Rights (ICESCR) 1966
- International Convention on the Elimination of All Forms of Racial Discrimination (ICERD) 1965
- Convention on the Elimination of All Forms of Discrimination Against Women (CEDAW) 1979
- Convention on the Rights of Persons with Disabilities (CRPD) 2006
Universal Declaration of Human Rights

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- Convention on the Rights of Persons with Disabilities (CRPD) 2006

- UN Guiding Principles on Business and Human Rights (2011)
- UN Global Compact (2000)

- Protect (states)
- Respect (non-state actors)
- Remedy
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- Protect (states)
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- Remedy
Rights and technology?
Affirms that the same rights that people have offline must also be protected online, in particular freedom of expression, which is applicable regardless of frontiers and through any media of one’s choice, in accordance with articles 19 of the Universal Declaration of Human Rights and the International Covenant on Civil and Political Rights;
UN Special Rapporteur FoE

• 2015 report:
  Governments should promote the use of strong encryption and protect anonymous expression online

• 2016 report:
  Private entities should ensure the greatest possible transparency in their policies, standards and actions that implicate the freedom of expression and other fundamental rights.
  Private entities should also integrate commitments to freedom of expression into internal policymaking, product engineering, business development, staff training and other relevant internal processes.
ARPANET LOGICAL MAP, MARCH 1977

PLEASE NOTE THAT WHILE THIS MAP SHOWS THE HOST POPULATION OF THE NETWORK ACCORDING TO THE BEST INFORMATION OBTAINABLE, NO CLAIM CAN BE MADE FOR ITS ACCURACY.

NAMES SHOWN ARE IMP NAMES, NOT (NECESSARILY) HOST NAMES.
Research into Human Rights Protocol Considerations

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Document  IESG evaluation record  IESG wriitups  Email expansions  History

Versions  00  01  02  03  04  05  06  07  09  10  11

draft-dkg-hrpc-glossary  00  01  04

draft-aron-hrpc-methodology  00  01  02  04  05

draft-tenoever-hrpc-research  00  01  03  05  07  010  11

draft-irtf-hrpc-research  00  01  03  05  07  010  11

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Stream  IRTF

Intended RFC status  Informational

Formats  plain text  xml  pdf  html  bibtex

Reviews  Request review

Stream  IRTF state  In RG Last Call

Consensus  Unknown

Boilerplate  hrpc at IETF-98

On Agenda  (None)

RFC Editor Note  (None)

IESG  IEG state  I-D Exists

Telechat date  (None)

Responsible AD  (None)

Send notices to  (None)

Human Rights Protocol Considerations Research Group

Internet-Draft

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Oxford Internet Institute

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Abstract
X-axis: time || y-axis: Internet penetration as % of population
WITH GREAT POWER COMES GREAT RESPONSIBILITY...
RFC3935
A mission statement for the IETF

"The Internet isn't value-neutral, and neither is the IETF."
FIRST
UNDERSTAND
THE
PROBLEM
Tech > Policy ?

Policy > Tech ?
BCP72
Guidelines for Writing RFC Text on Security Considerations
RFC6973
Privacy Considerations for Internet Protocols
RFC 7258
Pervasive Monitoring Is an Attack

RFC 7624
Confidentiality in the Face of Pervasive Surveillance
What about other rights?

- Right to Freedom of Expression
- Right to Freedom of Association
- Right to Non-Discrimination
- Right to Political Participation
- Right to Education
- Right to Security
- Right to Participate in Cultural Life, Arts and Science
- etc
know & show

document

set the standards
IEEE P7000
Model Process for Addressing Ethical Concerns During System Design

ISO 26000
Social Responsibility
role and influence
in complex
landscape / stack / ecosystem
‘Technology is neither good nor bad; nor is it neutral.’
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Research Group consensus in HRPC, will be sent for consideration of IRSG

Time to bring this discussion to the IETF? BoF in IETF gen area for Prague meeting? and..
More roadtests with guidelines
if write code(protocols):
    consider human rights implications
elif run internet infrastructure:
    respect human rights
elif engage in internet governance:
    build in human rights protections
else
    carry on and use FLOSS