

The changing role of states in cyberspace

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Introduction

**Liberty in
Cyberspace**

Cybersecurity

• *Roles of States in Cyberspace*

Cyber
Security
Strategy
Documents

Mr. Snowden
v. NSA

4th Industrial
Revolution
(AI, IoT, ...)



#SDGs and Cybersecurity



= E-Governance (87%)

#SDGs and Cybersecurity

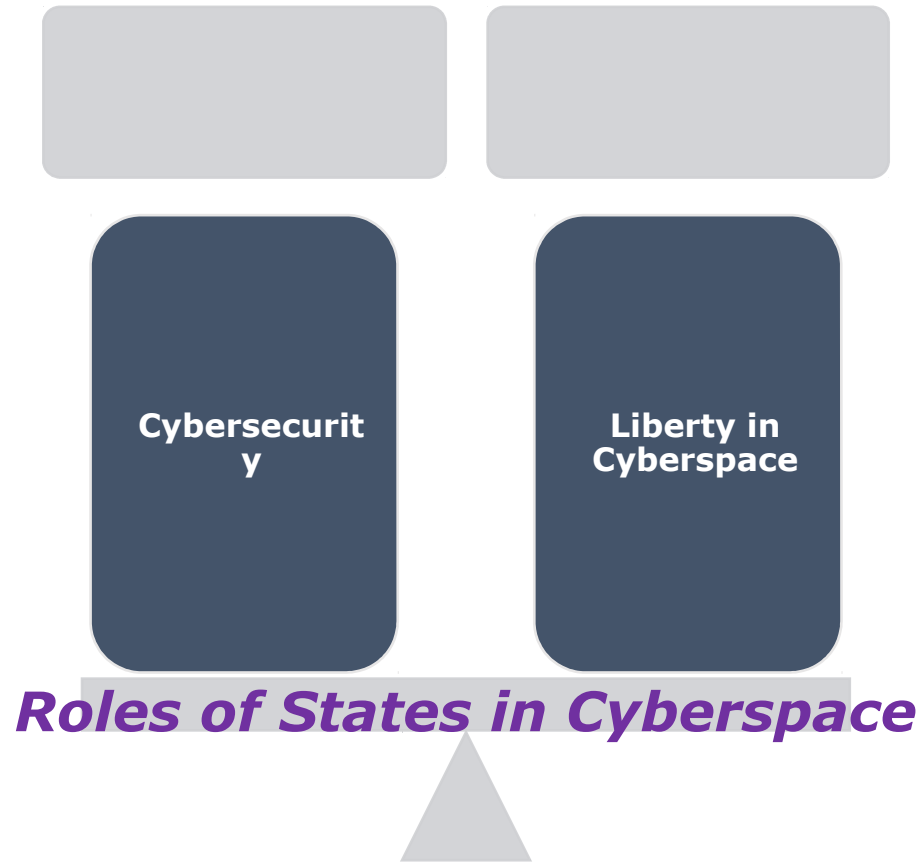
Region	Country	Global Rank	
		E-Government Development Index 2016	Global Cybersecurity Index 2016
Europe	UK	1	12
	Estonia	13	5
	Russia	35	10
Asia & Oceania	Australia	2	7
	China	63	32
	India	107	23
	Korea	3	13
Africa	S. Africa	76	57
Americas & the Caribbean	USA	12	2
	Panama	99	61

E-Government Development Index ≠ Cybersecurity Index

Balancing Between Cybersecurity and Human Rights in Cyberspace

Tiers/Country		Estonia	Russia	India
Cybersecurity index tiers-2016		Leading	Leading	Maturing
Liberty in cyberspace -2016 <i>/0=Most Free, 100=Less Free/</i>	Obstacles to access	0/25	10/25	12/25
	Limits on contents	3/35	23/35	9/35
	Violations of user rights	3/40	32/40	20/40
	Overall score	6 (free)	65 (not free)	41 (partly free)
Balance between security and liberty in cyberspace		Balanced	Not balanced	Not balanced

Conclusions



- Thank you for your attention.
- Any questions?