

Internet Governance Model

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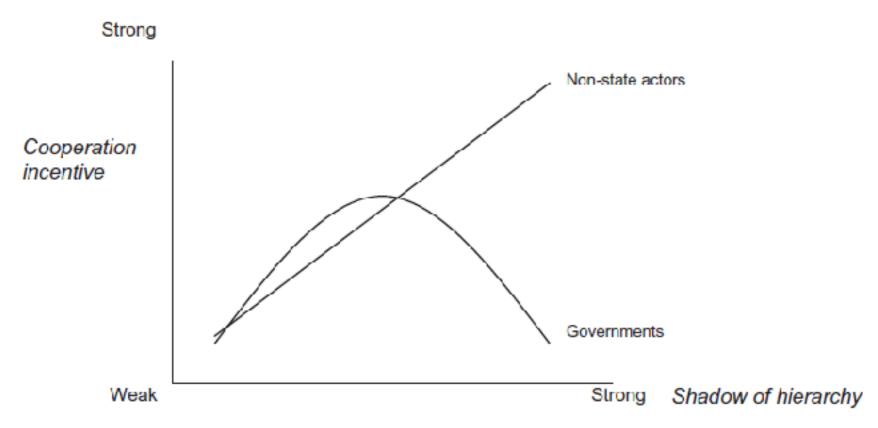
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Public Goods Governance Models

	Governance Capability & Capacity for Public Goods			
Non-state Actors	X	0	0	
Governments	0	0	X	
Governance Model	State Regulation (Neoliberalism)	Cooperation (Knill, 2002) Co-Regulation (Tanja Borzel, 2007) Delegation (Tanja, Borzel, 2007)		

source : edited by Dr. Kenny Huang

The Shadow of Hierarchy



source: Tanja Borzel, 2010



Implications for The Shadow of Hierarchy

The shadow of hierarchy

 the state threatens - explicitly or implicitly - to impose binding rules or laws on private actors in order to change their cost-benefit calculations in favor of a voluntary agreement closer to the common good rather than to particularistic self-interests.

Implications to governments

- the higher the government's capacity for hierarchical policy-making, the fewer incentives it has to cooperate with non-governmental actors.
- weak states are unlikely to engage in governance with non-state actors because they might fear a loss of autonomy

Implications to non-state actors

• it generates important incentives for cooperation for non-state actors



Monopoly and Regulatory Competition Model

- Monopoly and anti-competition
 - The main problem with private self-regulation is the anti-competitive incentives flowing from their monopoly power
- Restrict supply of the professional service
 - private self-regulation will have been granted for monopolistic control for a certain territory, thus have the power to restrict supply of their professional service
- Regulatory competition model
 - Subjecting these organizations to competition from other selfregulatory organisms might stimulate more welfare enhancing behavior (Kay and Vickers, 1990)



Multilateral Model

- multiple countries working in concert on a given issue
- the practice of coordinating national policies in groups of three or more states

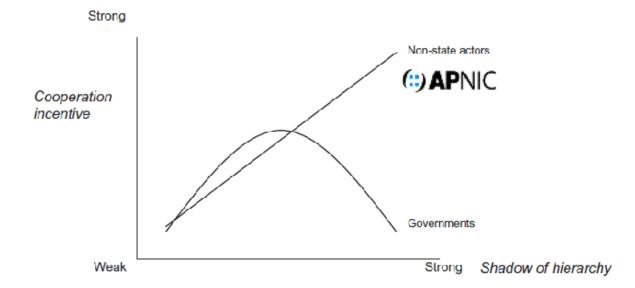
Multistakeholder Model

- an organizational framework or structure which adopts the multistakeholder process of governance or policy making, which aims to bring together the primary stakeholders such as businesses, civil society, governments, research institutions and non-government organizations to cooperate and participate in the dialogue, decision making and implementation of solutions to common problems or goals.
- A stakeholder refers to an individual, group or organization that has a direct or indirect interest or stake in a particular organization



Public Goods Governance Regime for APNIC

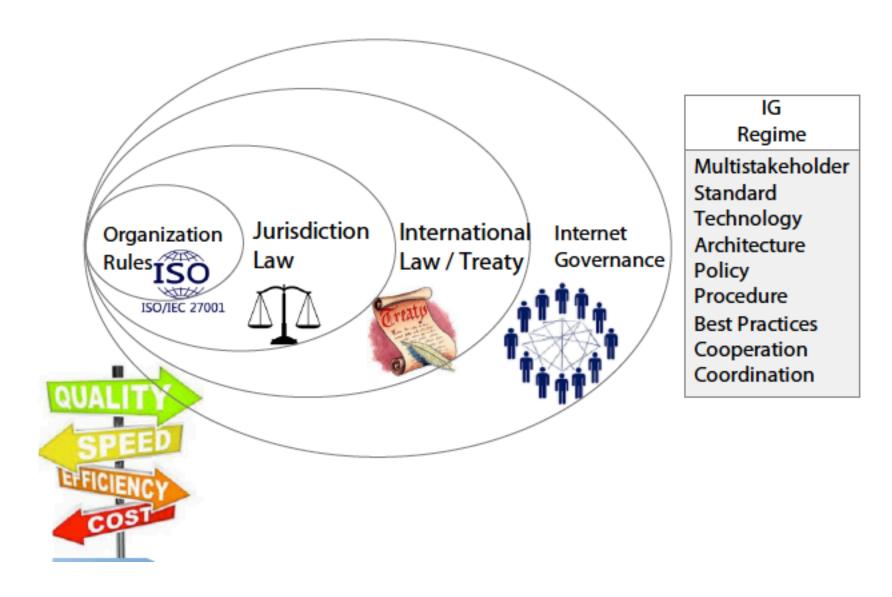
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Governments	0	G	×
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Governance Model	State Regulation	Co Regulation (Tanja Borzel, 2007)	Private Self Regulation
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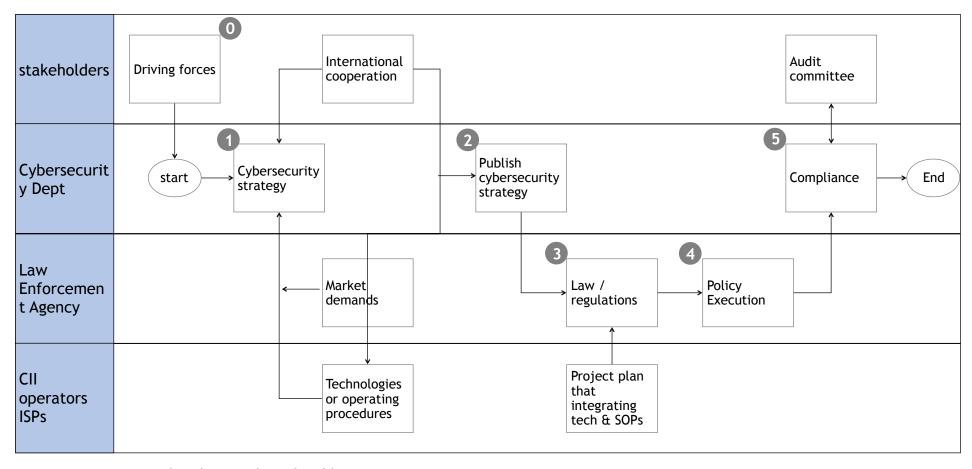


- Is RIR (Regional Internet Registry) a monopoly
- RIR's positional vulnerabilities in the public goods governance regime
- Is regulatory competition model applicable to RIR
- government regulations vs. RIR's policies
- RIR sustainability
 - short term sustainability strategy
 - long term sustainability strategy

Cybersecurity Regime

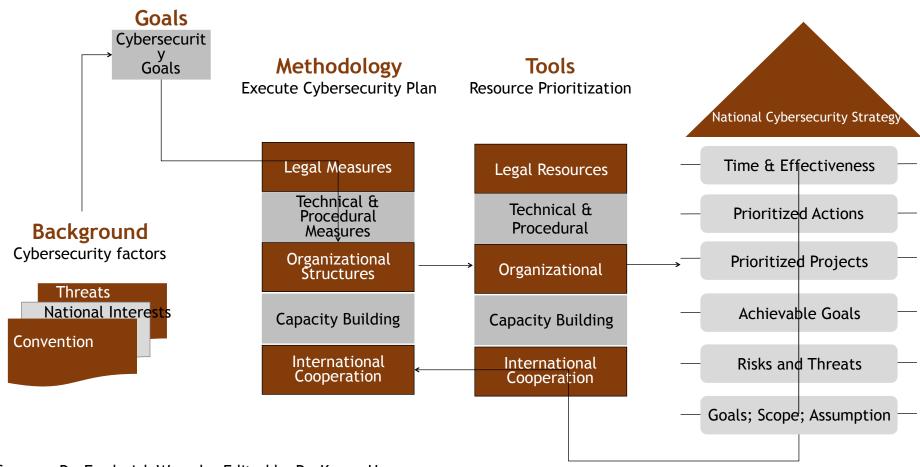


National Cybersecurity Strategy Process



source: Dr. Frederick Wamala; edited by Dr. Kenny Huang

National Cybersecurity Strategy Model



Source: Dr. Frederick Wamala; Edited by Dr. Kenny Huang

Power Hierarchy

Power allocation strategy 1 Cybersecurity industry (policies ?) 2 CIIP (principles?) 3 PKI (guideline) 4 Cyber army (principles ?) Principle Pros: Legitimacy 5 Security Operation Center (principles ?) Cons: Hard to achieve & 6 CERT (guidelines ?) inflexibility 7 Business demands (standards?) **Policies Standards** PKI@Singapore **PKI CA Architecture Specifications** PKI@Taiwan Guidelines **Procedures** Pros: Agility Cons: Ad Hoc Topology

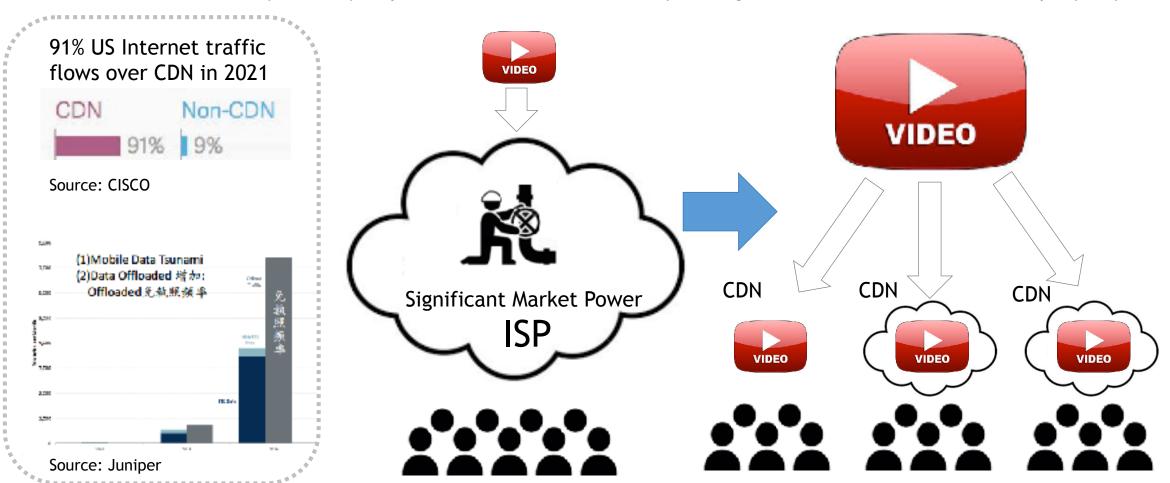
(Dominic Steinitz, 2002)

First Mover Advantage?



Telecommunication Policy Regime

Netflix CEO: "Neutrality is really important for the Netflix of 10 years ago, it didn't matter for the company anymore."





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三、檢附案內資料影本1份供多。



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Non-state Actors	X	0	0	
Governments	О	О	X	
Governance Model	CII Obligation Cryptocurrency Drone Self-driving cars Car-sharing	CERT; ccTLD; loT secur Cooperation	it J X Policy OTT Al Blockchain Cybersecurity training	
		Peering Price Co-Regulation		
		Fake news Delegation	Private Self Regulation	

source : edited by Dr. Kenny Huang



