Some thoughts on Internet Governance

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Three Principles

- The Internet is for everyone

- Governments have a role in protecting their societies in the same way they do in the offline world.

- Let techies do their job
The Internet is for everyone

- Yes, that top line is Asia

- In 2017, Middle East and Africa traffic will be 20 times what it was in 2012.

- See www.ciscovni.com
Getting the Internet to Everyone

• Innovative solutions require partnerships across industries

Coutesy: buffalogrid.org
Making it virtual: Cloud Computing

- Services can be offered from anyone to anyone with **minimal** infrastructure investment
- More sophisticated clouds can deploy where the demand is
- Just as the Internet is a network of networks, there is no single cloud
- Public private partnerships are required to protect cloud services
- Innovative technical solutions are being developed to address local needs
Network Academies: Someone needs to keep the bits moving!
All of this requires an enabling regulatory environment

- Internet growth has occurred through a “light touch”
- Network operators must have flexibility to use the standards they need
  Those standards can change rapidly
- Policy makers must be careful not to require today’s technology
  which will be yesterday’s technology tomorrow
- There’s still a lot to do to get the other 4 billion people online
- We are all working toward a safe and secure Internet
- Establishing and maintaining behavioral norms for the Internet is not a technical problem, but there may be technical solutions.
Comparing International Message Billing (US Payout to Foreign Carriers) v. increasing Internet penetration - One Example

In 2007, US carriers paid US$678m to carriers in country X for International Telephone Service.

Increasing country X’s 2007 Internet penetration rate 10 percentage points from 21% to 31% would result in an annual increase of US$11bn.

In 2007, Country X’s 2007 GDP of US$1tr.

1.12% of Country X’s 2007 GDP of US$1tr.

Net Effect Analysis
(Back of the Envelope)
Thank you.