



**Internet
Society**



Philippines Chapter

Internet and v6

Advocacy of
The Philippines Chapter of the Internet Society
ISOC.PH

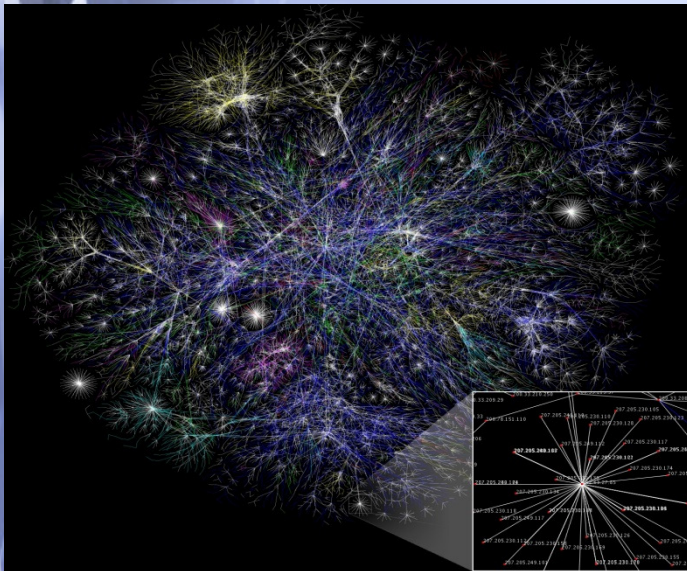
by Rodel Urani

Agenda

Internet

IPv6

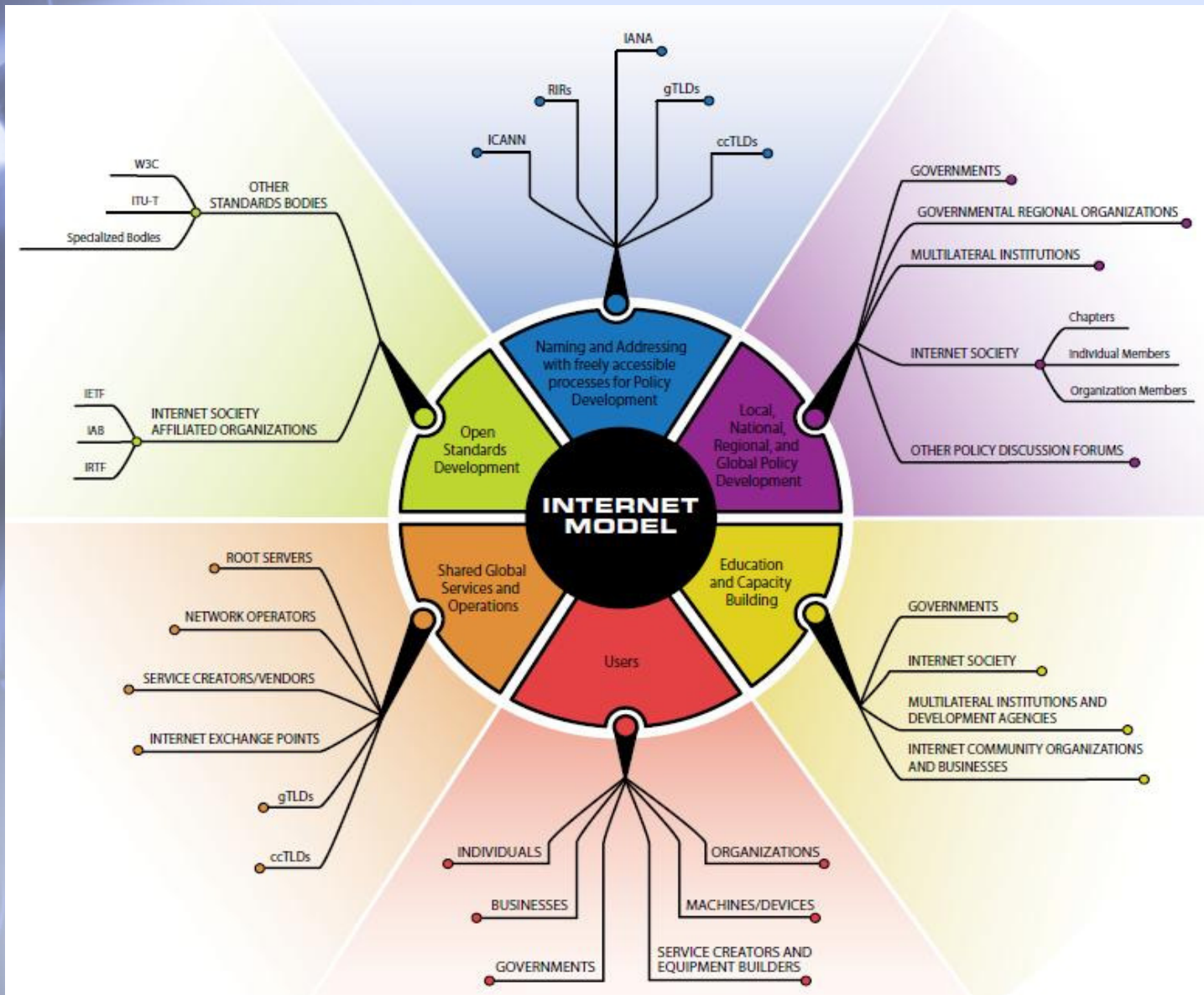
Visualization of routes



The next generation IP



The Internet Model





Capabilities of Internet

- Businesses of any flavor and in every corner
- Social networking, high-end phones
- Economic drivers for the Philippines
 - Text capital of the world
 - 53 million to have 3G/HSDPA phones
- Information and education everywhere, any age
- Better Internet experience
 - Security and stability



Internet Protocol version 6

- Next Generation IP or IPv6
 - RFC 2640 – specification
 - RFC 3513 – addressing architecture
- As a successor of IPv4
 - An exponential increase in numbers of addresses
 - Augment the life of Internet for decades to come
- Advantages over IP4
 - Jumbo payload (RFC 2675), address auto-configuration (RFC 2462) and router advertisements



PH IPv6 Activities

- IPv6 PH representative
 - Continuous participation to IPv6 Forum activities and Internet organization in AP
- Asia Pacific IPv6 Task Force
 - Complete list of member organizations except PH, SG
 - Japan and Europe as driver of NG Internet
- PHOPENIX initiative
 - United State's Internet2
 - Japan's IPv6 JGN
 - Malaysia's IPv6 Network



ISOC.PH IPv6 RATIONALE

- Internet and digital innovation openness in the Philippines
 - Telco and ISP's are constantly working to improve digital services e.g. Internet and mobile capabilities
 - Philippine companies' need to keep pace in the competition and use of advance technologies, IPv6, is apparent
- Internet economy engage dynamic market competition e.g. cost and correct information

An abstract graphic on the left side of the slide, featuring a stylized globe with white lines representing network connections or data flow. The globe is partially obscured by a dark blue vertical band.

IPv6 RATIONALE

- RIR urged Internet stakeholders to adopt IPv6
 - RIR, APNIC is second to RIPE to have the largest IPv6 allocation in sizes and numbers
- Continuous utilization of IPv4 might be more expensive for individual users
- IPv6 is supported by EC, 3GPP, OCCAID, OECD and members
- IPv6 is a **PRIORITY** to most, if not all, developing countries and leading economies



IPv6 in ICT Programs

- OECD's two of the top ten ICT policy priorities
 1. Government online, government as model users
 2. Broadband
- IPv6 resources, guidelines available to prospective users



ISOC.PH for Internet and IPv6

- Collaborate through
 - Internet Society (<http://www.isoc.org>)
 - Government agencies in related causes and policy making bodies
 - Individual and businesses
 - Forums, public discussions and dialogues
 - Continuous advocacy for the responsible use of Internet and due diligence to the adoption of IPv6, sharing resources and information equally to current and prospective members

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A proud

Employee of



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Thanks to



THANK YOU!

QUESTIONS? Can also be sent through email.