

APNIC Update

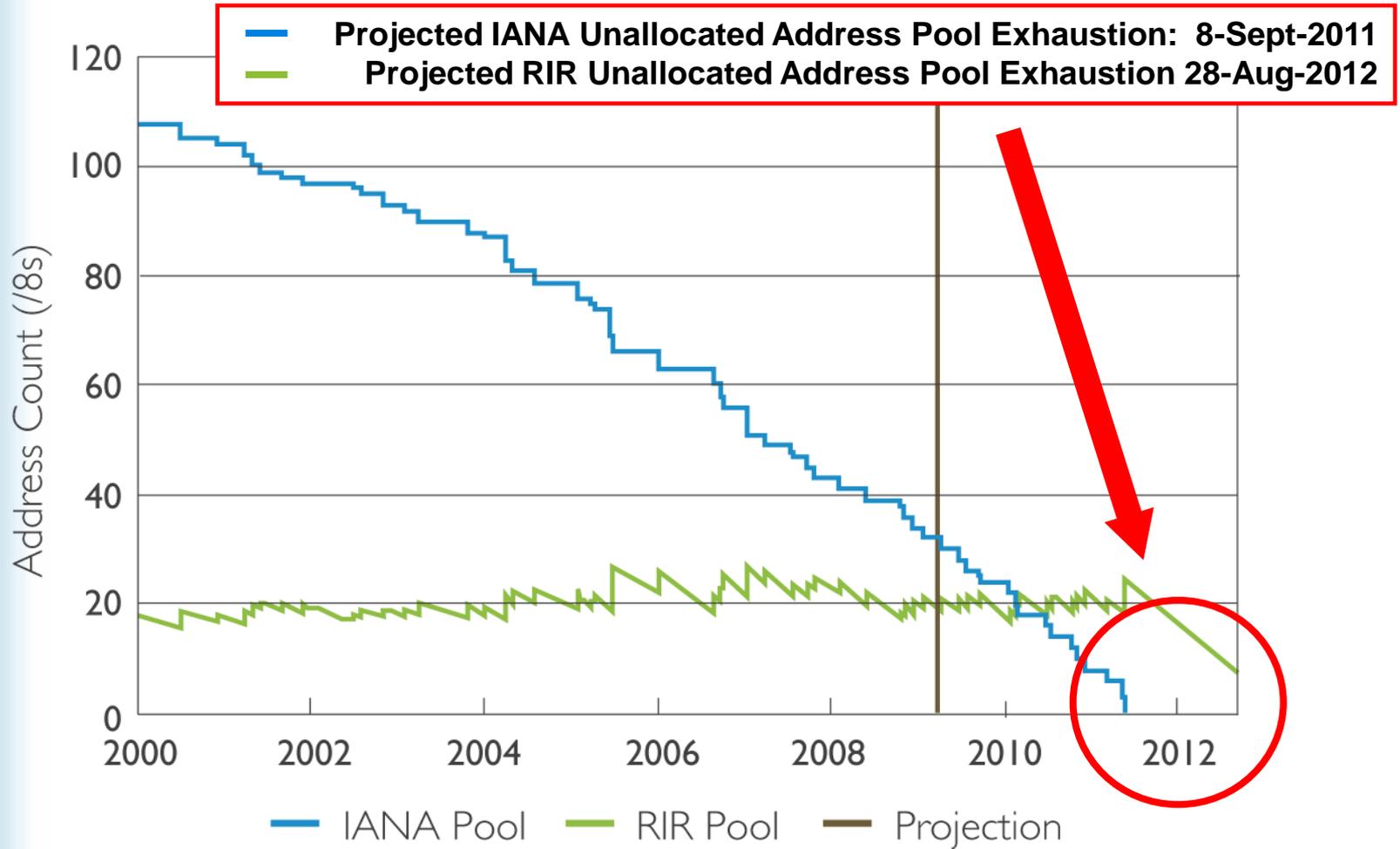


Paul Wilson
Director General

Overview

- Priorities in 2009
 - IPv4 exhaustion
 - IPv6 deployment
 - Security
 - Internet Governance
- Priorities in 2010
 - Operational Plan

IPv4 Consumption – Projection



IPv4 Distribution – Global

Remaining at IANA 22 x /8

256 x 10% = 25.6

Unallocated
22

Reserved by
IETF 35

Total: 256 x /8

Pre-RIR
Allocations

Legacy 92

AfriNIC 2

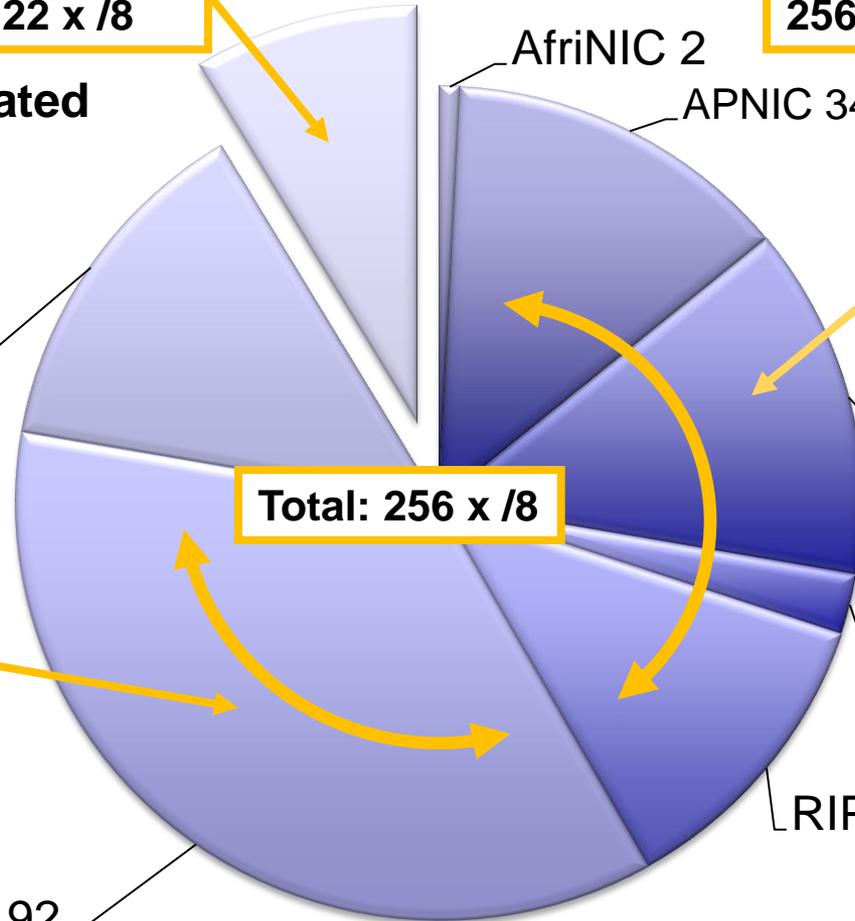
APNIC 34

RIR
Allocations

ARIN 33

LACNIC 6

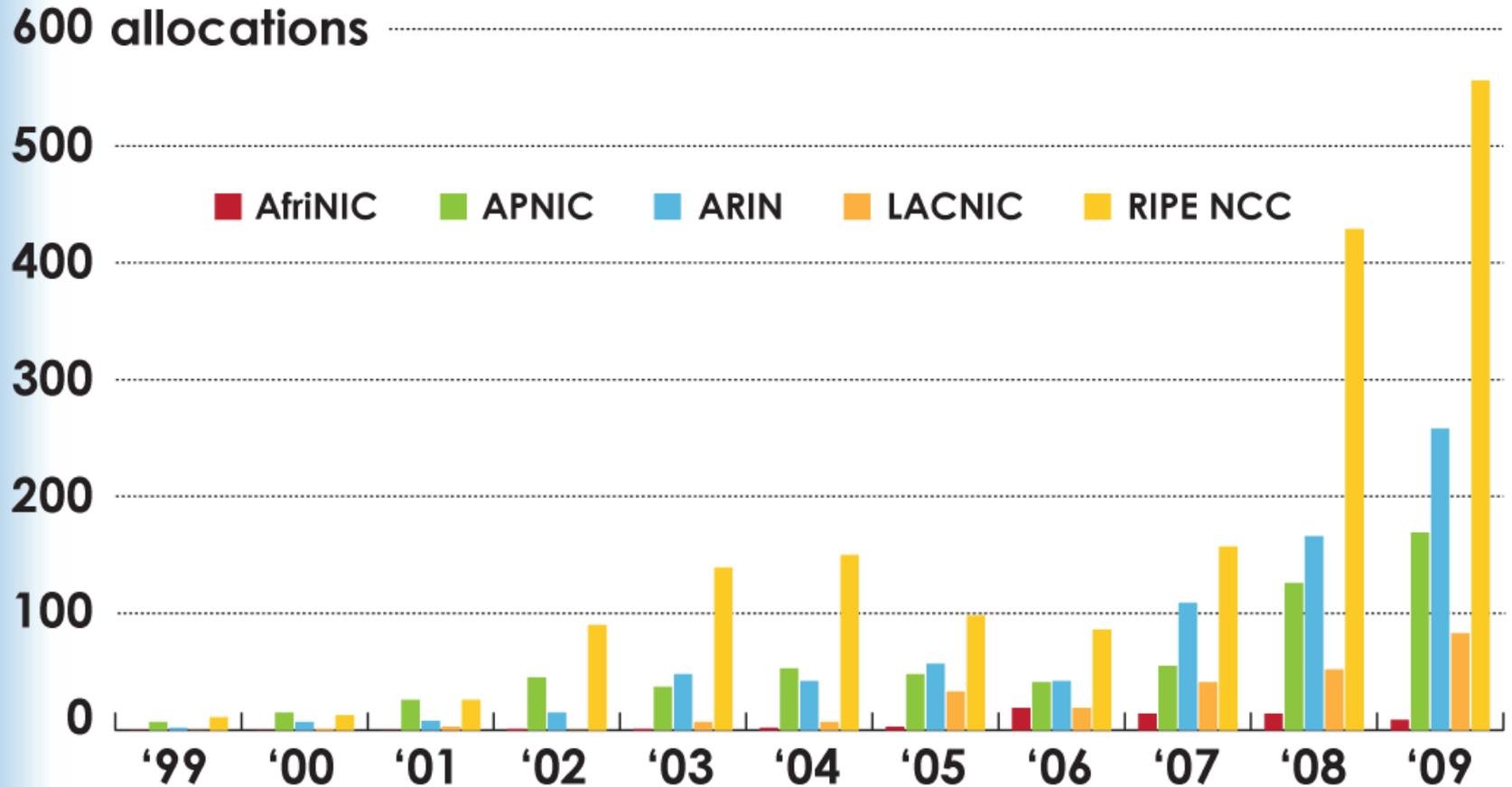
RIPE 30



IPv6 Deployment Status

- Market leaders starting to emerge, and drive IPv6 deployment
- Increasing IPv6 readiness and deployments in private & public sectors
- Over 2 trillion addresses already allocated (IPv4 Internet x 500)
- 2009 saw a 17% global increase in the number of economies with IPv6 resource holdings

IPv6 Deployment – Global





- **Activities**
 - Promoting IPv6 awareness
 - Supporting IPv6 readiness and deployment
 - Leading by example
- <http://www.apnic.net/ipv6>

Security and Stability

- Internal focus
 - BCP and DRP, “high availability”
- Services focus
 - DNSSEC, RPKI, MyAPNIC (CA2)
- Global coordination
 - DNSSEC
 - RPKI roadmap with NRO
- Routing Security
 - IETF support: “rpsec” working group

Internet Governance – 2009

- 4th IGF, Egypt
 - NRO workshops, negotiations etc
- ITU Events
 - World Technology Policy Forum
 - Response to IPv6 questionnaire
 - Telecom World, CTO Forum
- APEC
 - Tel 40 - IPv6 Workshop
- OECD
 - ITAC participation
- ICANN
 - Ongoing matters including DNSSEC, RPKI, IANA services, and NRO relationship

Internet Governance – 2010

- 5th IGF, Lithuania
 - Also regional IGFs in 2010: Asia, Pacific, Commonwealth
- ITU Events
 - ITU IPv6 Group meetings
 - WTDC, India
 - ITU Plenipotentiary, Mexico
- APEC
 - Tel 41, Taipei
 - Ministerial meeting, Japan
- OECD
 - Ongoing
- Recruiting specialist Public Affairs advisor

Other Highlights in 2009

- R&D
 - Monitoring and reporting
- Global co-operation through the NRO
 - Collaborative activities
 - DNSSEC
 - RPKI
- Ongoing growth
 - Membership, allocations, other activities

Operational Planning 2010

- Aligning APNIC priorities with mission, and APNIC Member Survey results

Addressing the challenge of responsible Internet resource management in the Asia Pacific region

- Internal Secretariat process
 - Assessing the current situation
 - Identifying strategic directions
 - Action planning
 - Writing and communicating the plan
 - Monitoring and evaluation

Operational Focus

- Delivering Value
 - As a service organization, APNIC provides value to all stakeholders according to their specific needs. The APNIC Secretariat is funded by the membership, and applies those funds in the mutual interest of all Members, through provision of a core set of high-quality services related to Internet address allocation and management.
- Supporting Internet Development
 - APNIC stakeholders share a common interest in the healthy and vigorous development of the Internet throughout all parts of the Asia Pacific region and the world. APNIC supports the maintenance of an open and neutral Internet, based on global addressability of all network components, and minimal barriers to global end-end reachability.

Operational Focus

- Collaborating and Communicating
 - APNIC exists within a global community of Internet stakeholders, whose openness and cooperation is critical to the success of the organization and of the Internet itself. APNIC will work other stakeholders in the mutual benefit of respective missions.
- Corporate Support
 - The APNIC Secretariat exists to provide services, and support the activities of APNIC. It operates as a professional team with full accountability to the Members and stakeholders of APNIC



Thank You

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