IANA Update

Leo Vegoda

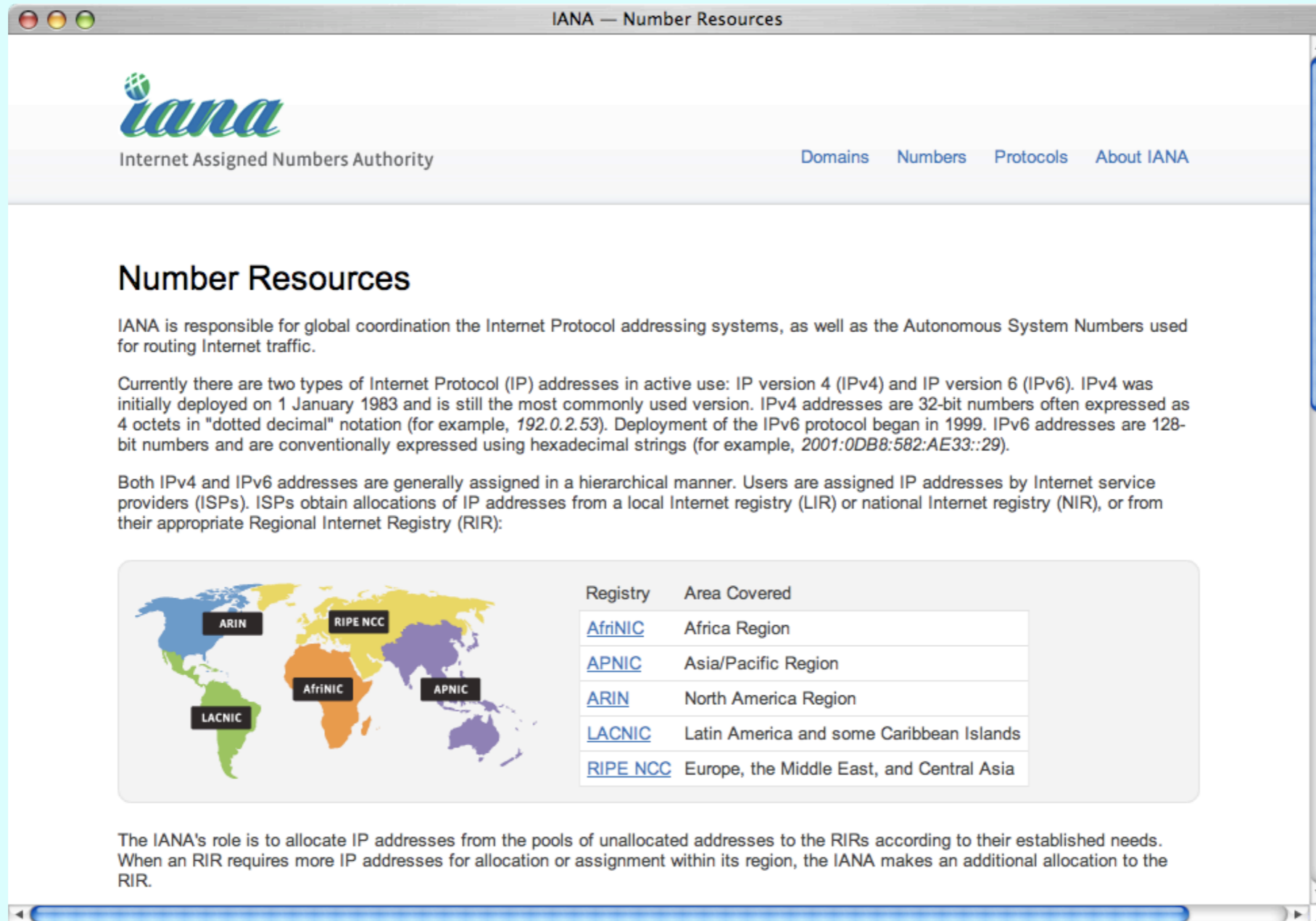*IANA*

leo.vegoda@icann.org

Overview

- Our New Web Site
- Recent Number Allocations
  - Allocations to RIRs
  - Returned to IANA
- IPv6 News
- DNS Work
  - In-addr.arpa
  - DNSSEC
- New IPv4 Registry Format

New Web Site

Allocations to RIRs in 2007

- 9 /8s allocated by August 2007
  - 5 to APNIC
  - 4 to RIPE NCC
- 196/8 marked as AfriNIC

Allocations returned to IANA in 2007

- 46/8 - returned by BBN
- 14/8 - to be returned by its users
- 49/8, 50/8 returned by US DoD
- Possibly one more coming back…

BREAKING NEWS

- IPv6 has arrived…
  - We have received an **urgent** request for an update to ip6.arpa
- IPv6 is only used by nice, polite people…
  - We have never received an abuse complaint with about an IPv6 address

DNS Services

- IANA will take administrative and technical control of in-addr.arpa from ARIN
- IANA will take administrative and technical control of the new mcast.arpa zone
- Will be managed in house
- Will be DNSSEC signed

DNSSEC

- DNSSEC deployment is continuing
- Richard Lamb has developed our systems
- Details available in his recent IEPG presentation
  - http://www.iepg.org/2007-07-ietf69/DNSSEC_at_IANA_IETF.pdf

New IPv4 Registry Format

- No more "Various Registries"
- RIR listed for former "Various Registries" listing and RIR unicast assignment
- Whois server for all the above unicast assignments

Questions