



RIR Status Report

IEPG

March 2001

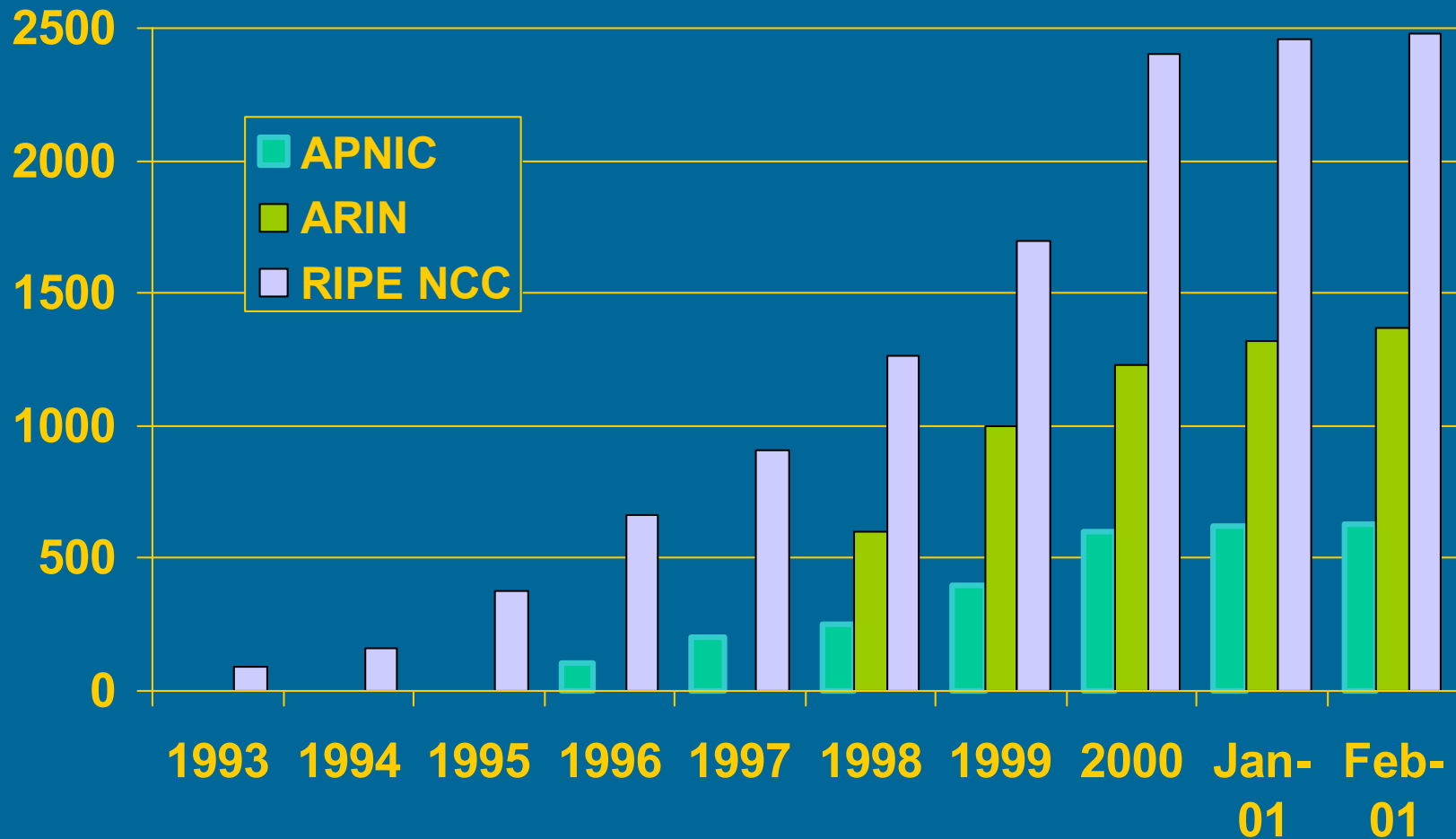


Overview

- ◆ Statistics
 - ◆ membership
 - ◆ IPv4 & IPv6
- ◆ Policy Developments
- ◆ RIR Specifics



RIR Membership





IPv4 Global Allocations

- ◆ For 2000
 - ◆ 81.1 million allocated in total
 - ◆ 4.83 /8s per year
 - ◆ APNIC: 21.5 million (1.28 /8s per year)
 - ◆ ARIN: 34.4 million (2.05 /8s per year)
 - ◆ RIPE NCC: 25.2 million (1.50 /8s per year)



IPv6 Allocations - Total

- ◆ Total of 69 sub-TLA's allocated
 - ◆ almost 70% bootstrap
- ◆ 'Steady trickle' of requests
 - ◆ Dominated by Germany, Japan, and USA
- ◆ Allocations
 - ◆ APNIC - 26
 - ◆ RIPE NCC - 29
 - ◆ ARIN - 14 (separate fees for IPv6 eliminated)



IPv6 Policy

- ◆ IPv6 policy document revision ongoing
 - ◆ Recommendation of /48s in stimulated discussion about NLA and SLA boundaries
- ◆ Further discussions with IETF and communities
- ◆ RIR IPv6 Tutorials



Database/IRR

- ◆ RIPE NCC
 - ◆ 3.0 released (RPSL)
 - ◆ tutorials at RIPE Meetings
 - ◆ many un-referenced person objects
- ◆ APNIC
 - ◆ will use 3.0 and launch IRR during 2001
 - ◆ helped with SW development
- ◆ ARIN
 - ◆ new db under development (dbwg@arin.net)



Policy Co-ordination

- ◆ Policy Comparison Matrix
- ◆ Clearer document structure
 - ◆ global policies vs. regional procedures
- ◆ Statistics
 - ◆ repository for various stats
- ◆ Register unallocated address space



Policy Developments

- ◆ Initial Allocation
 - ◆ /20 still too high?
 - ◆ Multihoming policy?
- ◆ Assignments for cable/xDSL
 - ◆ discussion on RIPE LIR-WG list
 - ◆ APNIC BB-WG established
- ◆ PI assignments
 - ◆ clearer procedures needed
 - ◆ minimum size?



ASO/Emerging RIRs

- ◆ ASO/ICANN
 - ◆ Secretariat moved to RIPE NCC
 - ◆ ICANN Director to be selected
 - ◆ ad hoc group closed
- ◆ Emerging RIRs
 - ◆ LacNIC
 - ◆ ARIN will visit LacNIC offices in April
 - ◆ open meeting Nov/Dec 2001
 - ◆ AfriNIC
 - ◆ meeting 5 - 13 May 2001, Accra, Ghana



Open Policy Meetings

◆ APNIC

- ◆ 28 - 31 August 2001, Taipei, Taiwan

◆ ARIN

- ◆ 1 - 4 Apr 2001, San Francisco, USA
- ◆ 4 Apr 2001 ASO AGM

◆ RIPE

- ◆ 31 Apr - 4 May 2001, Bologna, Italy



RIR Specifics



APNIC

- ◆ Certification authority
 - ◆ trial certificates being issued now
 - ◆ member-only website under development
- ◆ Document translation
 - ◆ started with 1 policy document (JP, KR, CN, ID)
- ◆ Training
 - ◆ monthly courses in 2001
 - ◆ advanced course (incl RPSL and IRR) planned



ARIN

- ◆ Fully staffed
- ◆ Recent decrease in IPv4 allocations
- ◆ Office relocation planned
- ◆ Helpdesk hours expanded
- ◆ In-addr Service being set up



RIPE NCC

- ◆ Increased Workload
- ◆ Test Box Network expanded
- ◆ RIS further developed
 - ◆ interface improved
 - ◆ <http://www.ripe.net/ris/ris-index.html>
 - ◆ 4 route collectors (currently all in Europe)



Questions?

