

ICANN / IANA Status Report

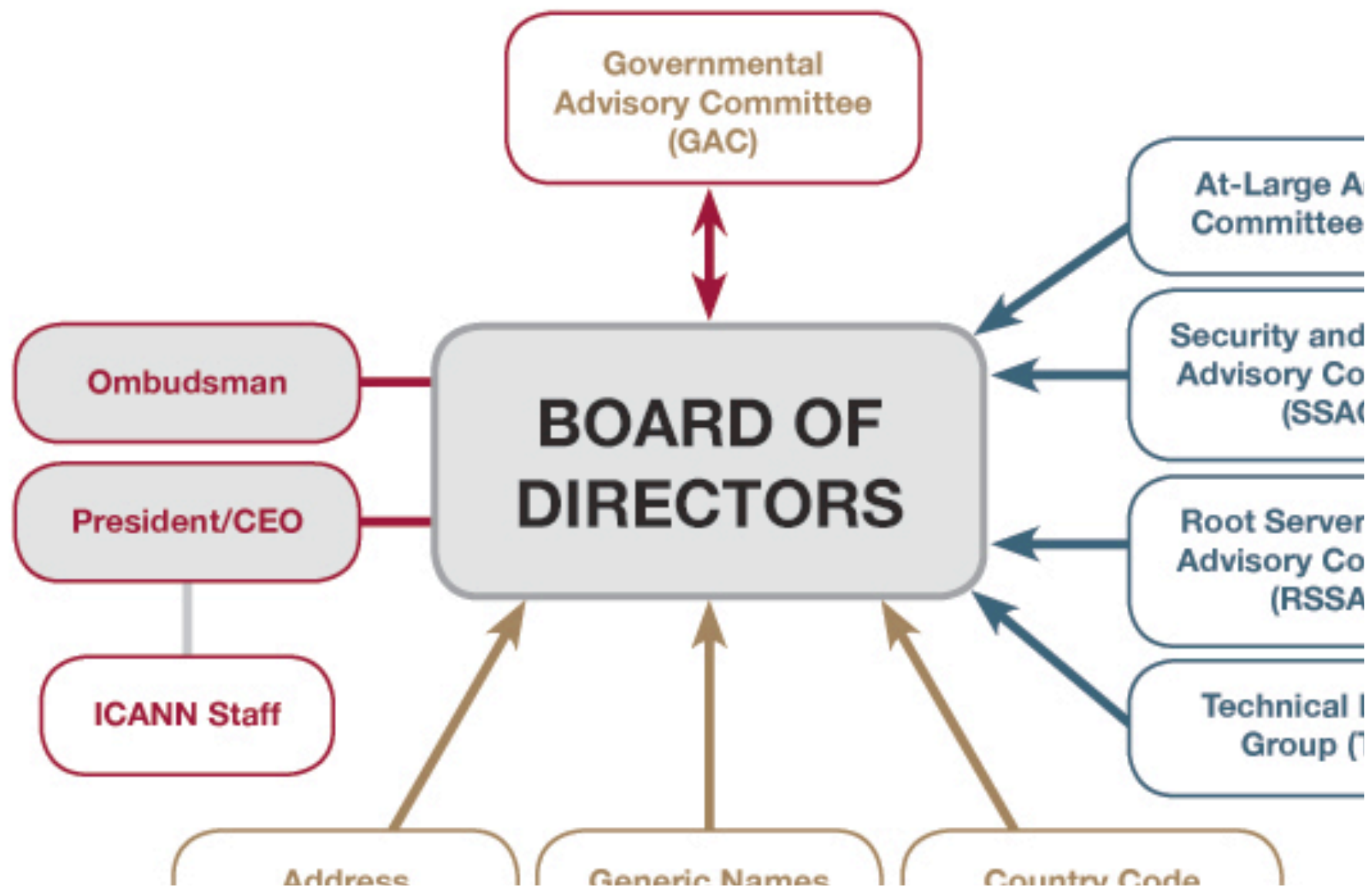
Save Vocea

Liaison - Australasia /Pacific Islands

To coordinate, at the overall level, the global Internet systems of unique identifiers, and in particular to ensure the stable and secure operation of the Internet's identifier systems.

Internet Corporation for Assigned Names and Numbers (ICANN) coordinates:

- the allocation and assignment of the three sets of unique identifiers for the Internet, which are:
 - Domain names (forming a system referred to as DNS)
 - Internet protocol (IP) addresses and autonomous system (AS) numbers
 - Protocol port and parameter numbers



Authority (IANA) Functions

Resource management

- IPv4, IPv6 and ASN Registries (in cooperation with the
- Protocol parameter registries (in cooperation with IETF,
 - Internet Drafts and RFC standards process
 - Identifier registry creation and maintenance
 - Ports and Personal Enterprise Numbers (PENs) assi
- Maintain .ARPA and .INT domain registrations and regi
- Root zone management
 - Maintain Top Level Domain registration and zone de information
 - Validate and process TLD change requests

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Operations Manager

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IETF Liaison

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Registries

IPv4 Address Allocation Registry Data Review

RFC inventory - check all registries have been created

Converting all registries to an XML data structure

Whois service for IP address registries

Administrative

Documentation Management

IANA web redesign

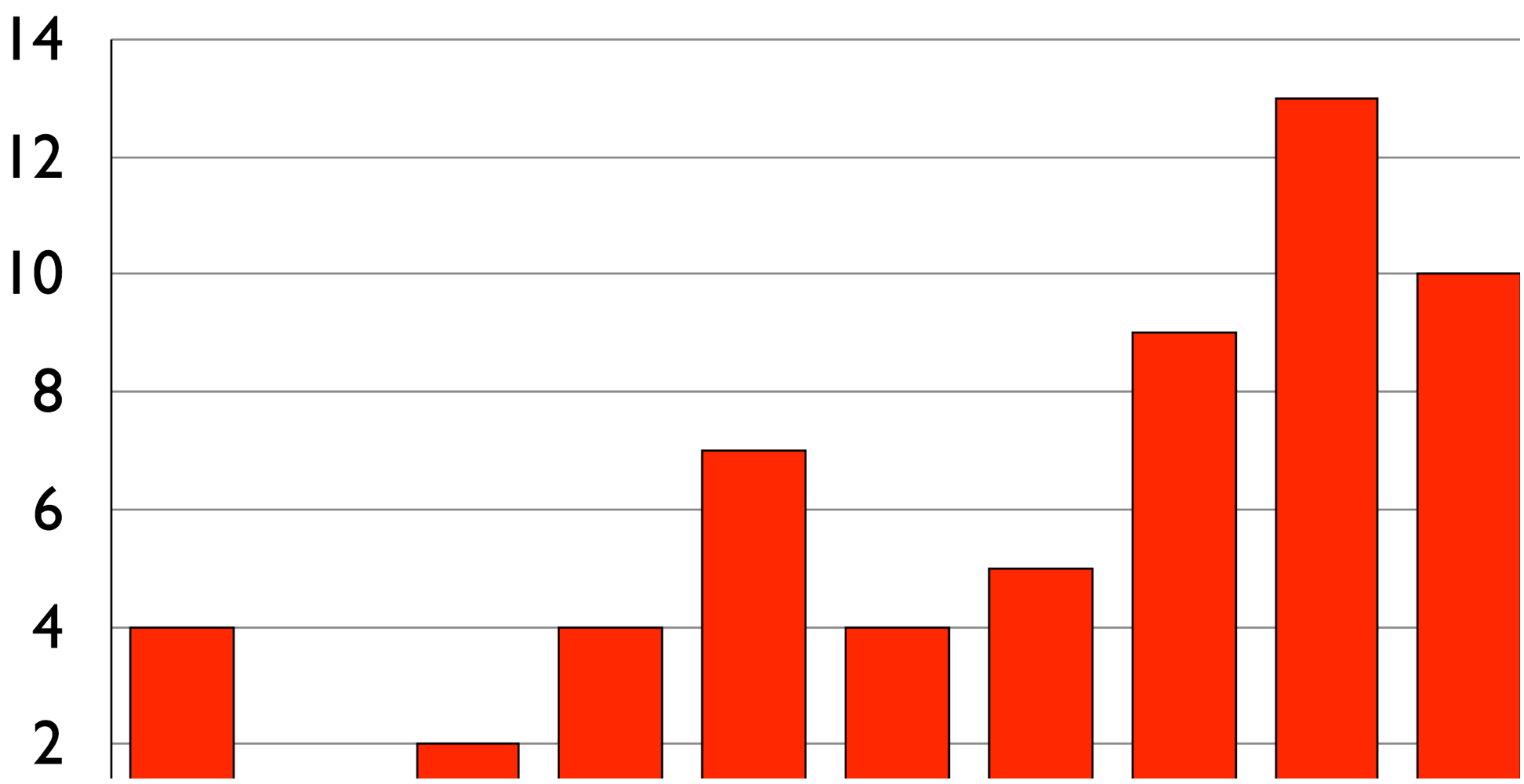
Automated Report Generation

IANA Process Improvements

Reverse Delegation for in-addr.arpa and ip6.arpa

DNSSEC for all IANA managed zones

All RIRs

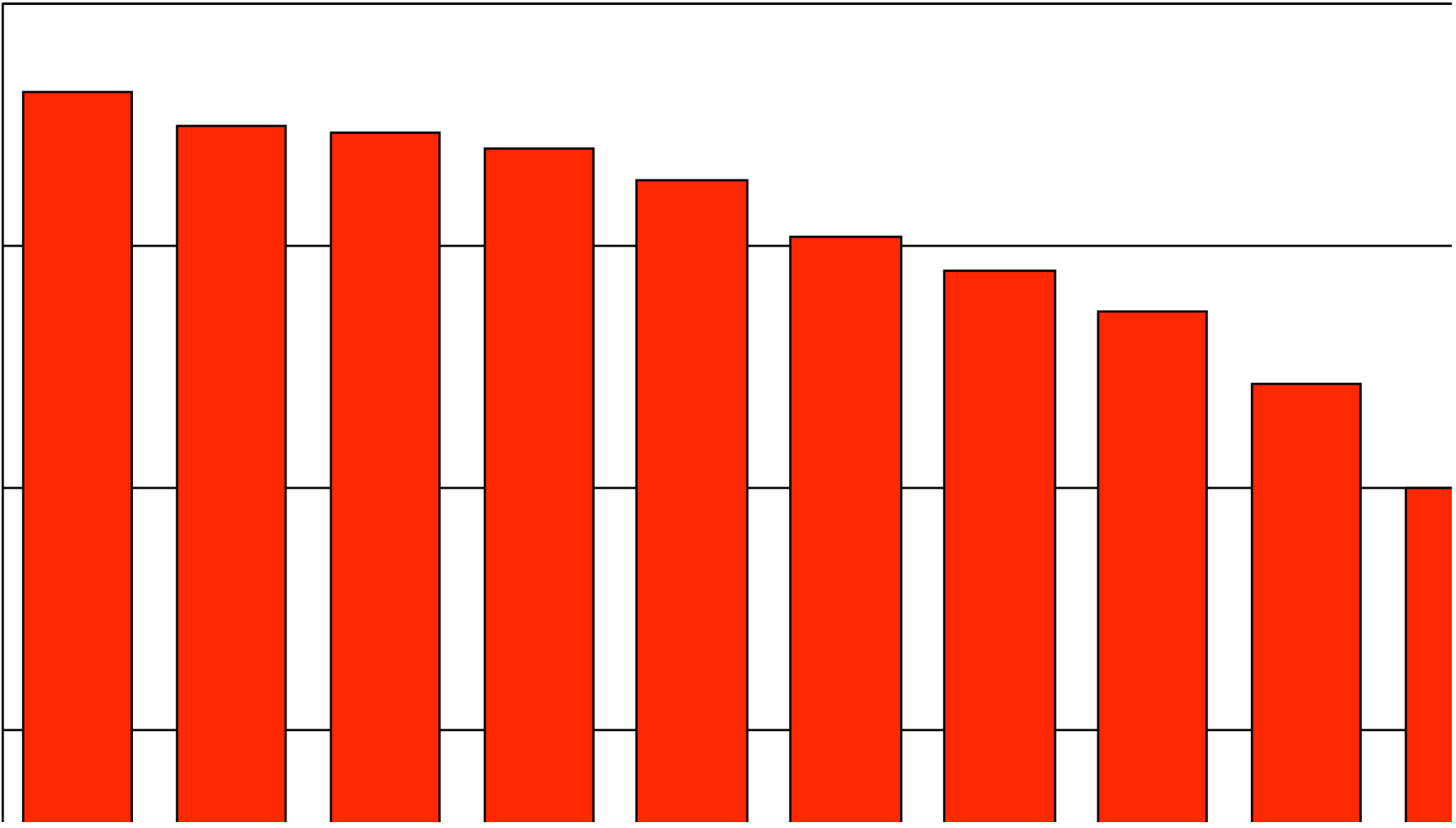


120

90

60

30



Signing .ARPA

- Talking with IAB about how to move forward

IANA Process Automation

- DNSSEC
- Port allocation

“Customer Satisfaction Survey”

“IANA Certificate Authority”

Improved authentication mechanisms

Root Zone Management via EPP

Registry availability programmatically via

- BEEP? XML-RPC? SOAP?
- What is useful to network operators?

IANA Infrastructure improvements

Summary

We allocate and maintain registries for a variety of resources, including protocol parameters, IP addresses, and domain names

We have added staff and are improving services as quickly as possible

We're pretty busy now

We're going to be pretty busy for a while

Participate at the next



ICANN Meeting in San Juan, Pue

25 - 29 June 2007

Ref:

- www.icann.org

- www.iana.org