

IANA Status Report

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IANA Numbers Liaison

Resource management

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

David Conrad
General Manager

Ara Roseman
Operations Manager

Michelle Cotton
IETF Liaison

Kim Davies
Names Liaison

Leo Vegoda
Numbers Liaison

ko Chong

Naela Sarras

Pearl Liang

Amanda Baber

Registries

- IPv4 registry review

- RFC inventory - registry creation check

- XML data structure for all registries to an

- Whois service for IP address registries

Administrative

- Documentation management

- IANA web site redesign

- Automated report generation

IANA Process Improvements

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

- DNSSEC for all IANA managed zones

Private Enterprise Number (PEN) Application Form

<http://pen.iana.org/pen/PenApplication.page>

[Request Private Enterprise Number \(PEN\)](#) | [Modify Private Enterprise Number \(PEN\)](#) | [Enterprise Numbers](#) | [Contact IANA](#) | [IANA](#)

Private Enterprise Number (PEN) Request Template

A Private Enterprise Number (PEN), typically used in Simple Network Management Protocol Management Information Base (SNMP) applications, please complete the application provided [below](#). The required fields are marked with an asterisk (*). Please be aware that the information you provide in the required fields will be made publicly available along with the assigned PEN in the [IANA PEN Registry](#).

There is a fee for obtaining a PEN assignment. Please allow up to 30 days for processing your application.

Only one single PEN is granted per organization. If you are unsure whether your organization has already obtained a PEN, please check the [IANA PEN Registry](#). If your organization has already registered a PEN, please obtain a sub-assignment of that PEN from the registered contact in the PEN Registry.

We will send an e-mail to Contact E-Mail requesting confirmation of the information you have submitted. You must respond to this e-mail to complete processing your PEN request. Failure to respond to the confirmation e-mail will result in your application being discarded after one week.

For more information regarding Private Enterprise Numbers, please see the following:

[WORK MANAGEMENT PARAMETERS](#)

[157](#), "A Simple Network Management Protocol (SNMP)"

[213](#), "Management Information Base for Network Management of TCP/IP-based internets: MIB-II"

For more information regarding the PEN Application Form can be found [here](#). If you have any questions regarding PENs or the PEN Application Form, please contact iana-pen@iana.org.

Organization

Organization Name: *

Organization Address:

Organization Phone:

Contact

Contact Name: *

Contact Address:

Contact Phone:


Contact Fax:

IANA - Home Page

<http://test.icann.org/index.shtml>

IANA - Home Page


Welcome.



The Internet Assigned Numbers Authority

The Internet Assigned Numbers Authority (IANA) is responsible for the global coordination and other Internet Protocol Resources. Our site is organized into three primary navigation areas:


Domain Names



IANA manages the DNS Root Zone (assignments of ccTLDs and gTLDs), as well as the .int registry, and the .arpa zone.

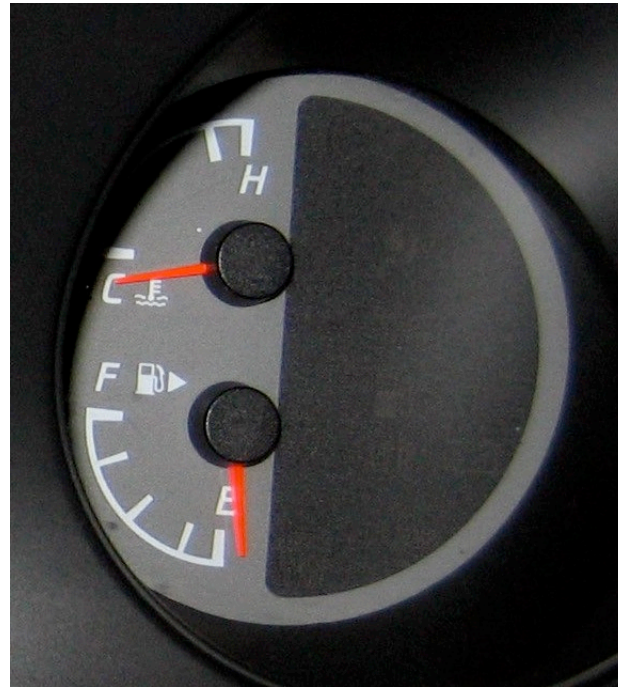
- [Root Zone Management](#)
- [.int Registry](#)
- [.arpa Registry](#)
- [IDN Practices Repository](#)

Number Resources

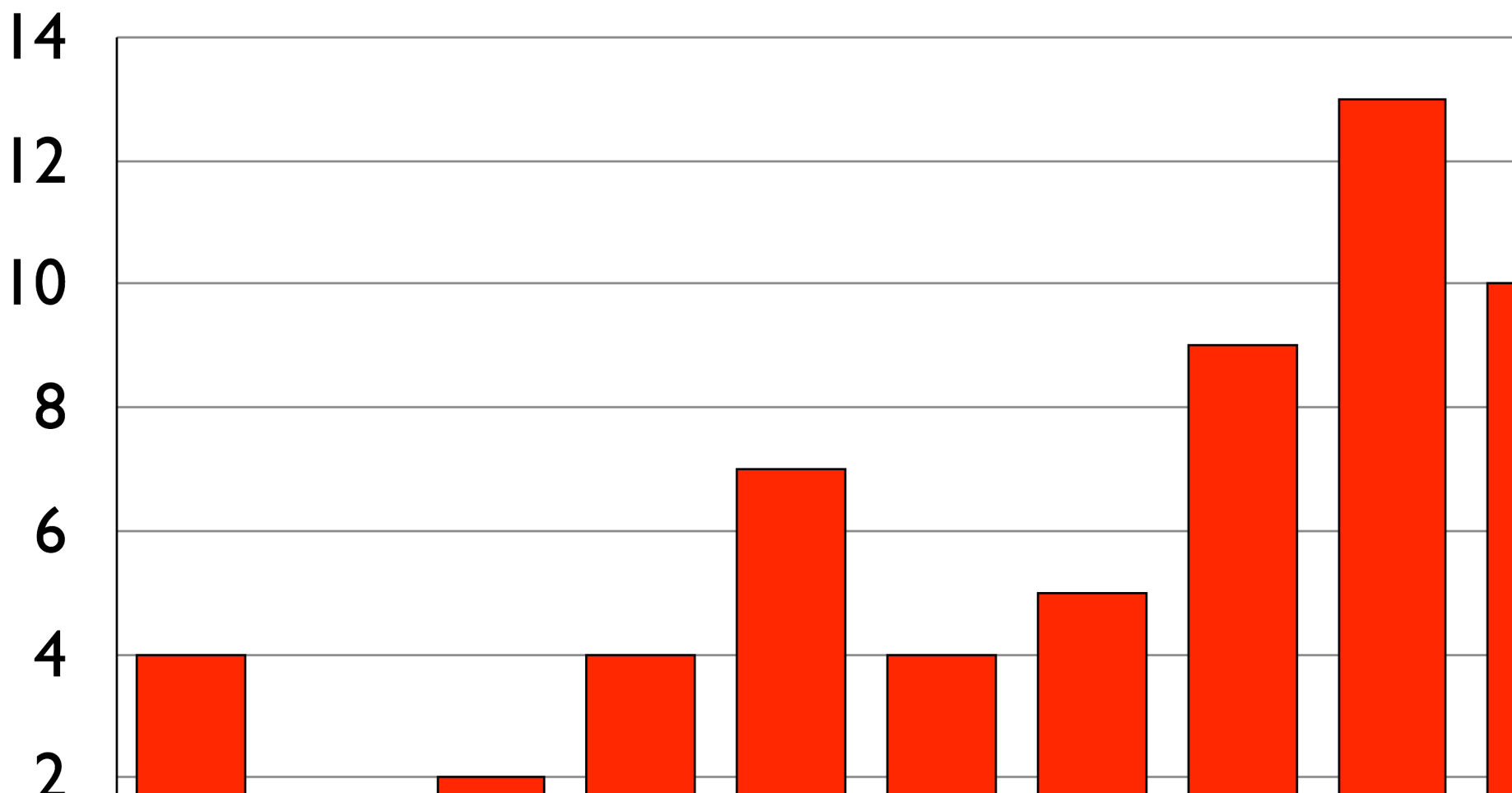


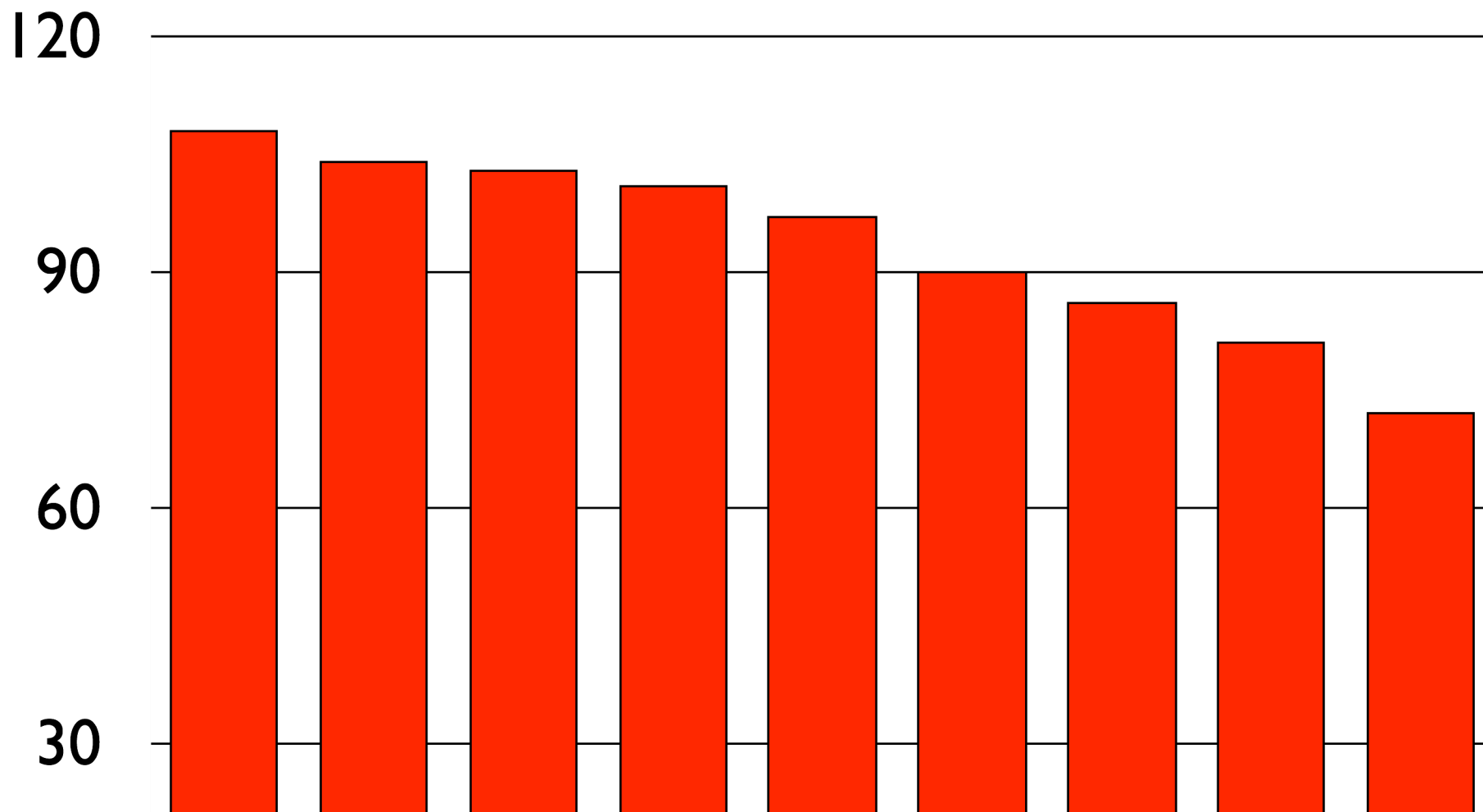
IANA coordinates the global IP and AS number space, and allocates these to Regional Internet Registries.

- [IP Address Allocation](#)
- [AS Number Allocation](#)
- [Do you think you are getting attacked by us?](#)



All RIRs





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

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

IANA Infrastructure improvements

Successful lab tests

- Root servers' software checked
- Resolvers' software checked

Further tests suggested by the comr

- End user application and UI
- Registry/registrar software

ICANN staff consultation with Board |

- Create an overview of what happens from DNS resolution– SSAC IDN Study
- RSSAC participation
- Decision of whether internationalized top labels can be inserted in the root-zone in technically secure and stable manner

.. . . .

Summary

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

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

We're pretty busy now

We're going to be pretty busy for a while

