IANA activities update
ARIN XXIX, Vancouver, BC

Elise Gerich

VP IANA

Overview

- Making things better
- Continuous improvement
- New service
- Statistics & more

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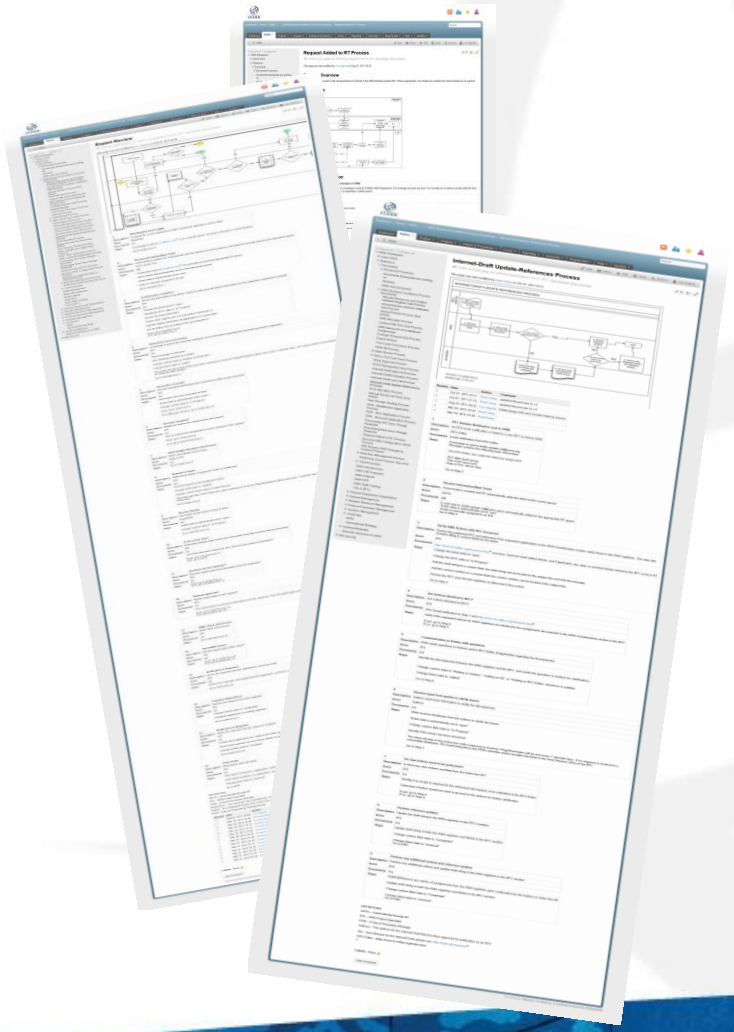
Making things better

Business Excellence

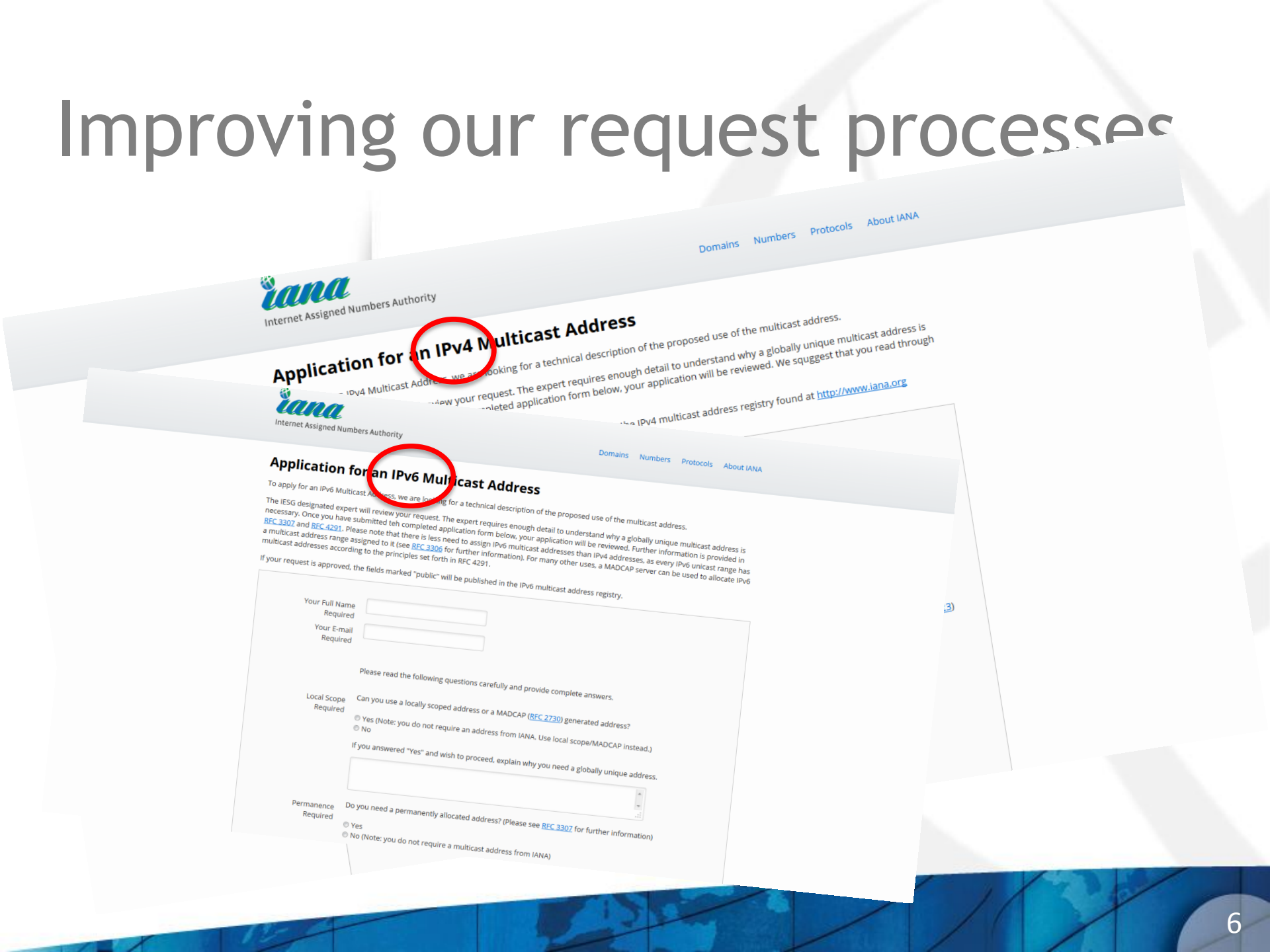
- 3rd annual self-assessment held in January 2012
  - Significant improvements for our customers in processes and key results
  - Next steps: complete that work & improve our planning & execution

Standard process documentation

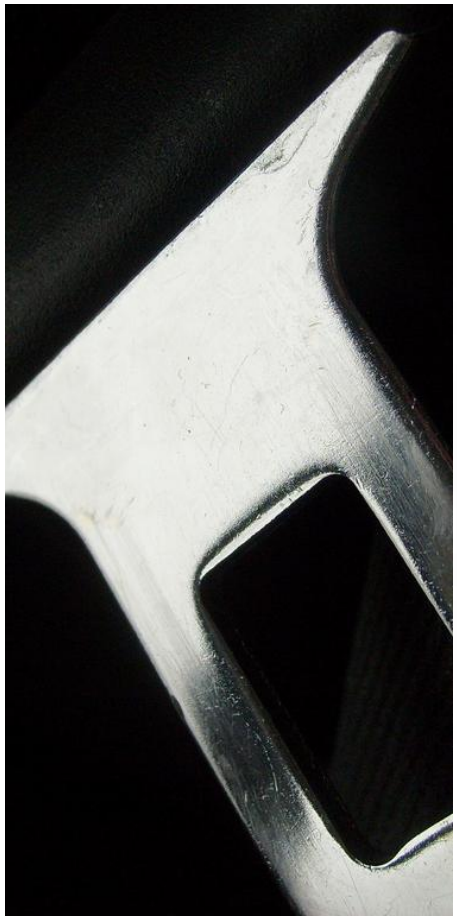
We have converted over half our core processes to our new standardized format and will be working on more over 2012



Improving our request processes



Security & continuity



- 4th annual security plan completed in November 2011
- 2nd IANA continuity exercise is planned for 2012, building on the success of 2010

Customer Survey

- We are now running a customer survey to gather structured feedback we can use to improve our services

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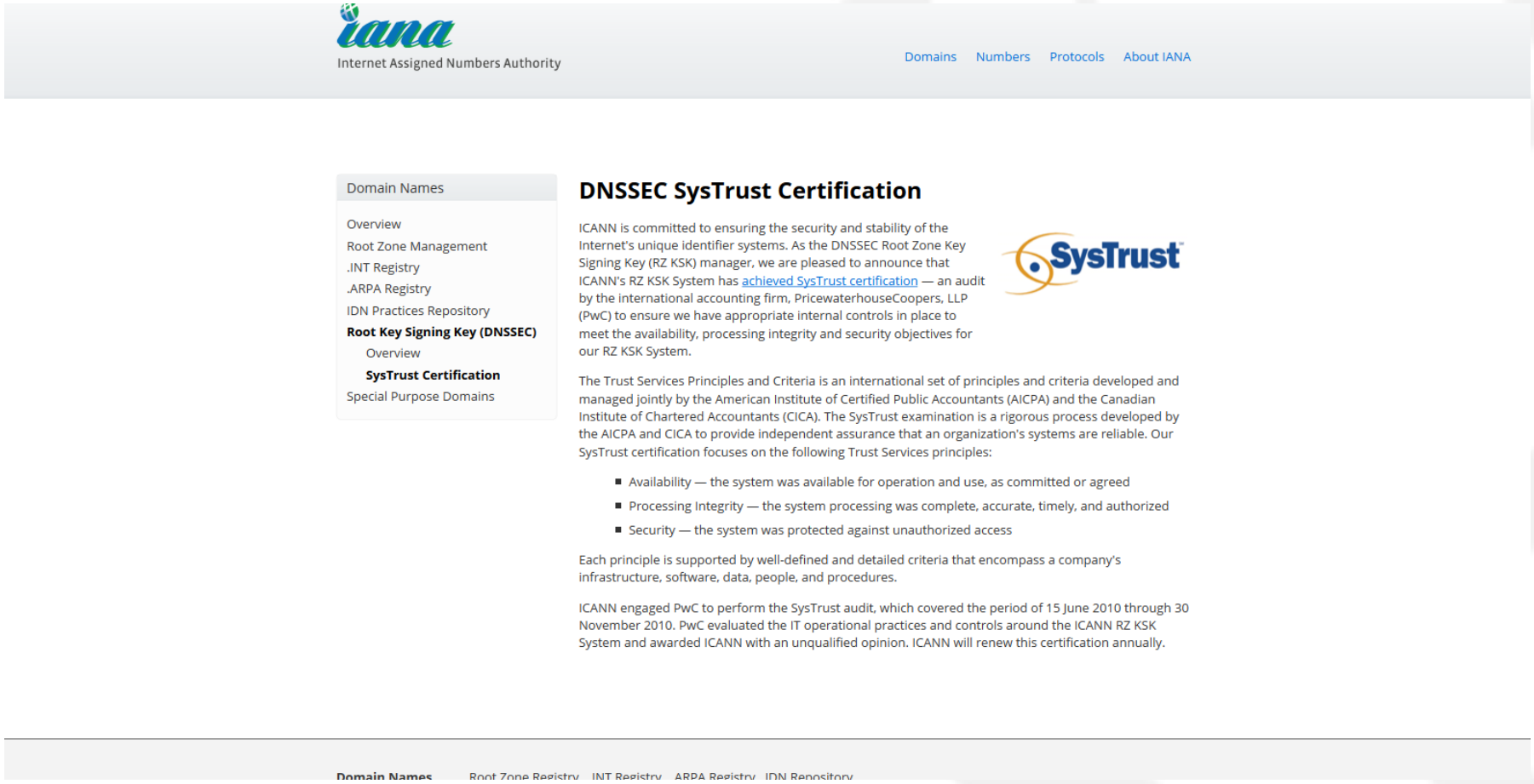
Reliable Operations

Recent key ceremonies

- Ceremonies 7 & 8 were successfully completed
- Full transcripts & logs are published on the dns.icann.org web site

SysTrust certification renewed



iana
Internet Assigned Numbers Authority

Domains Numbers Protocols About IANA

Domain Names

- Overview
- Root Zone Management
- .INT Registry
- .ARPA Registry
- IDN Practices Repository
- **Root Key Signing Key (DNSSEC)**
  - Overview
  - **SysTrust Certification**
- Special Purpose Domains

DNSSEC SysTrust Certification

ICANN is committed to ensuring the security and stability of the Internet's unique identifier systems. As the DNSSEC Root Zone Key Signing Key (RZ KSK) manager, we are pleased to announce that ICANN's RZ KSK System has achieved SysTrust certification — an audit by the international accounting firm, PricewaterhouseCoopers, LLP (PwC) to ensure we have appropriate internal controls in place to meet the availability, processing integrity and security objectives for our RZ KSK System.

SysTrust

The Trust Services Principles and Criteria is an international set of principles and criteria developed and managed jointly by the American Institute of Certified Public Accountants (AICPA) and the Canadian Institute of Chartered Accountants (CICA). The SysTrust examination is a rigorous process developed by the AICPA and CICA to provide independent assurance that an organization's systems are reliable. Our SysTrust certification focuses on the following Trust Services principles:

- Availability — the system was available for operation and use, as committed or agreed
- Processing Integrity — the system processing was complete, accurate, timely, and authorized
- Security — the system was protected against unauthorized access

Each principle is supported by well-defined and detailed criteria that encompass a company's infrastructure, software, data, people, and procedures.

ICANN engaged PwC to perform the SysTrust audit, which covered the period of 15 June 2010 through 30 November 2010. PwC evaluated the IT operational practices and controls around the ICANN RZ KSK System and awarded ICANN with an unqualified opinion. ICANN will renew this certification annually.

Domain Names Root Zone Registry .INT Registry .ARPA Registry IDN Repository

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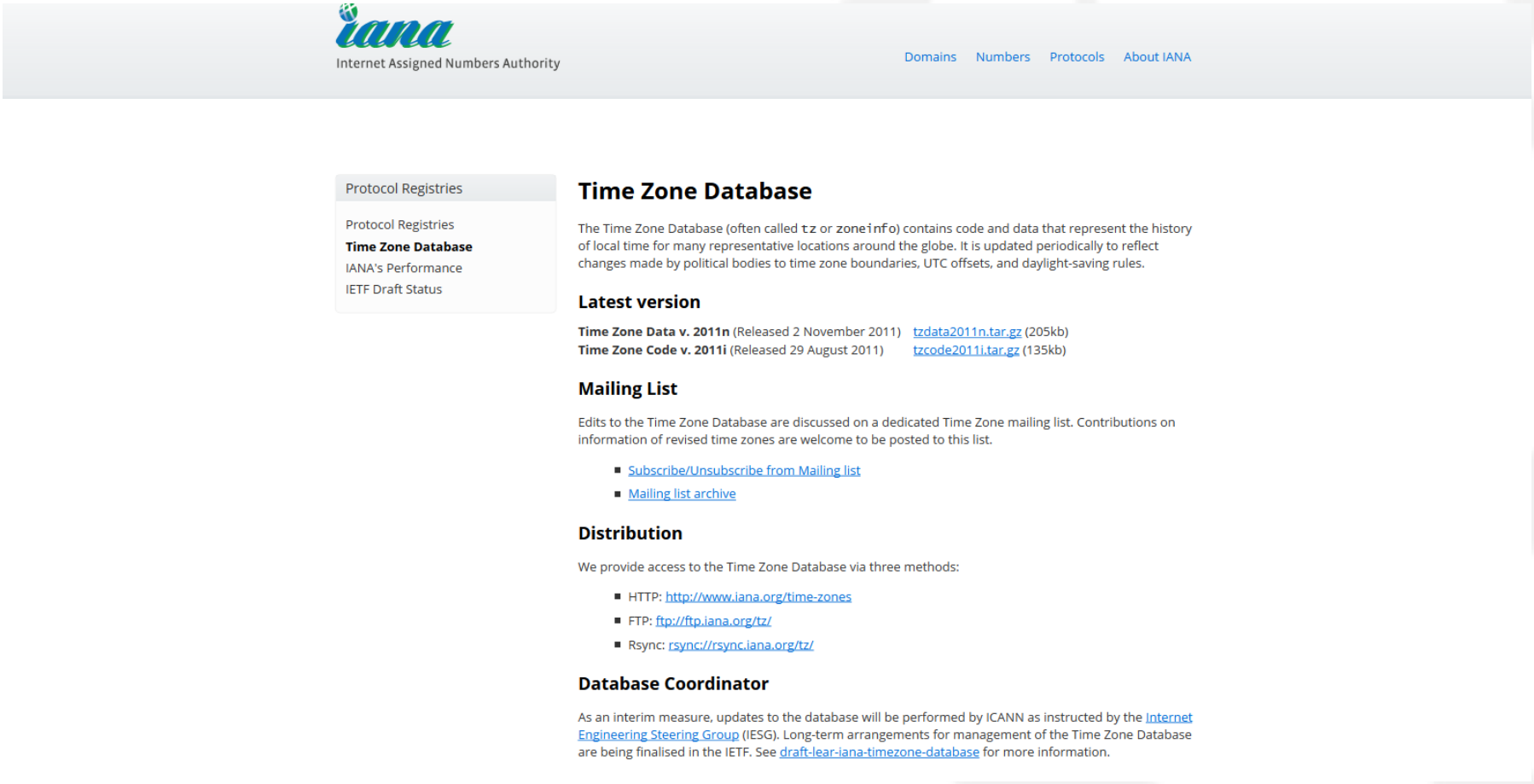
New Service

Time Zone Database



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Protocol Registries

Protocol Registries
Time Zone Database
IANA's Performance
IETF Draft Status

Time Zone Database

The Time Zone Database (often called `tz` or `zoneinfo`) contains code and data that represent the history of local time for many representative locations around the globe. It is updated periodically to reflect changes made by political bodies to time zone boundaries, UTC offsets, and daylight-saving rules.

Latest version

Time Zone Data v. 2011n (Released 2 November 2011) tzdata2011n.tar.gz (205kb)
Time Zone Code v. 2011i (Released 29 August 2011) tzcode2011i.tar.gz (135kb)

Mailing List

Edits to the Time Zone Database are discussed on a dedicated Time Zone mailing list. Contributions on information of revised time zones are welcome to be posted to this list.

- Subscribe/Unsubscribe from Mailing list
- Mailing list archive

Distribution

We provide access to the Time Zone Database via three methods:

- HTTP: http://www.iana.org/time-zones
- FTP: ftp://ftp.iana.org/tz/
- Rsync: rsync://rsync.iana.org/tz/

Database Coordinator

As an interim measure, updates to the database will be performed by ICANN as instructed by the Internet Engineering Steering Group (IESG). Long-term arrangements for management of the Time Zone Database are being finalised in the IETF. See draft-lear-iana-timezone-database for more information.

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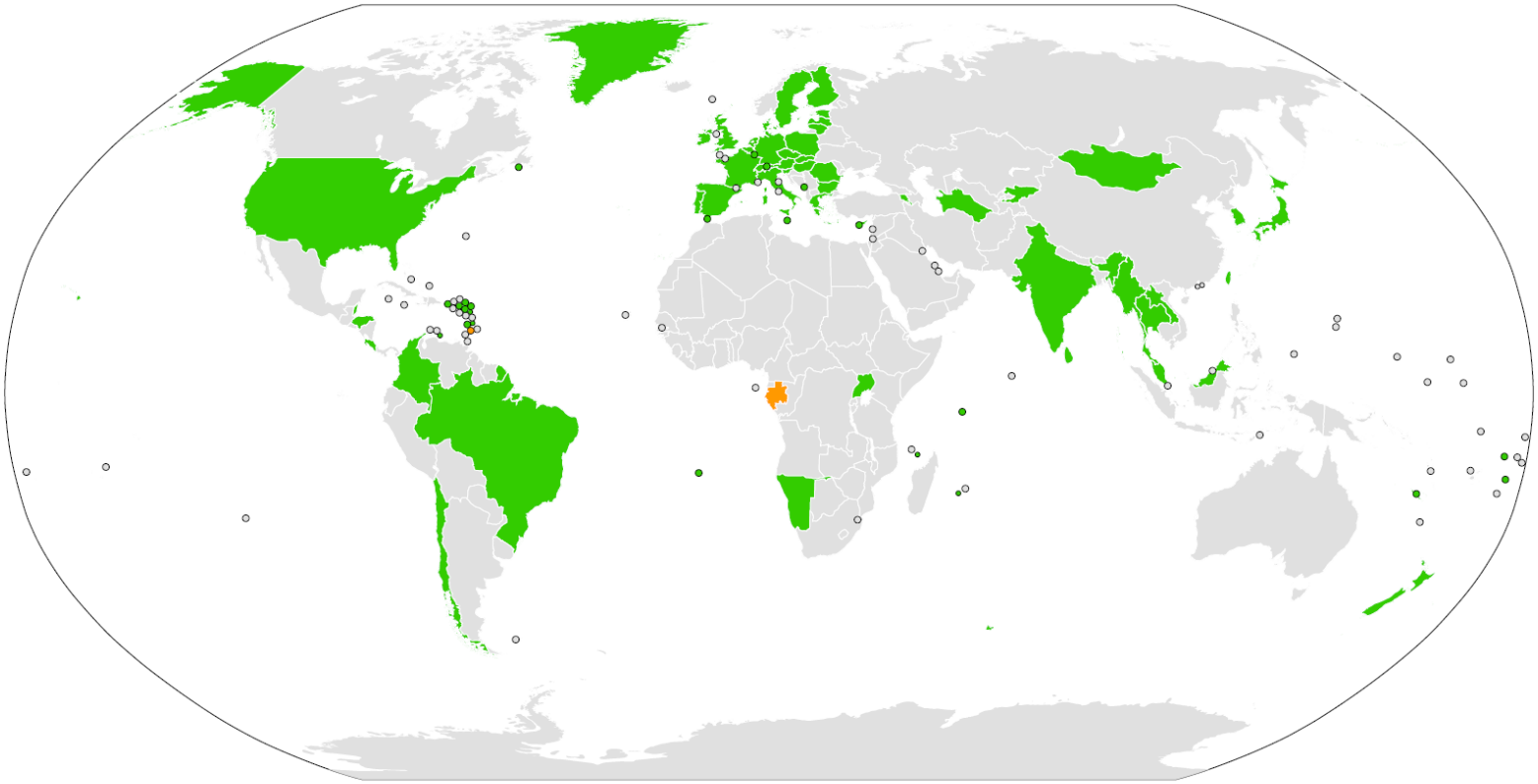
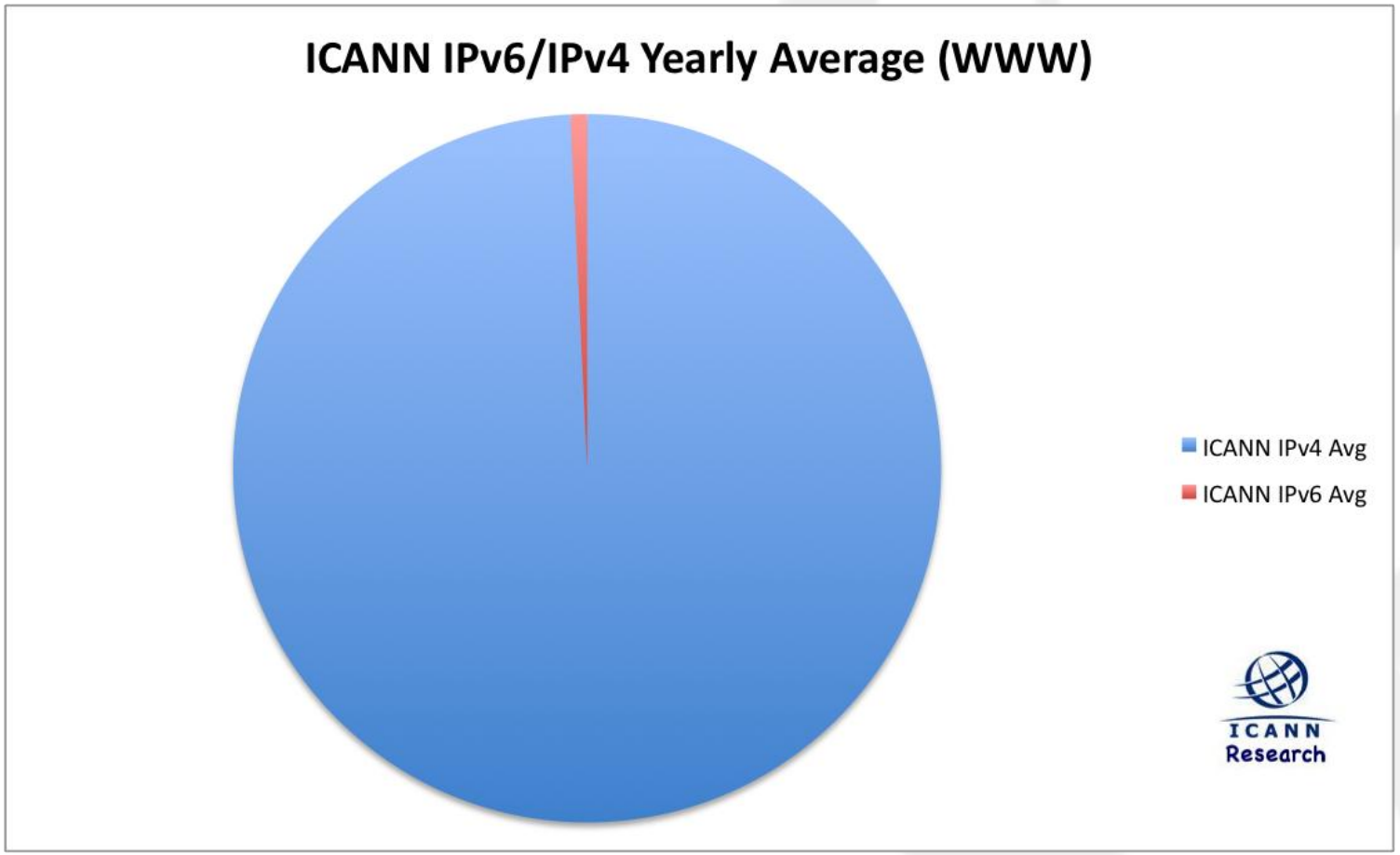
Statistics

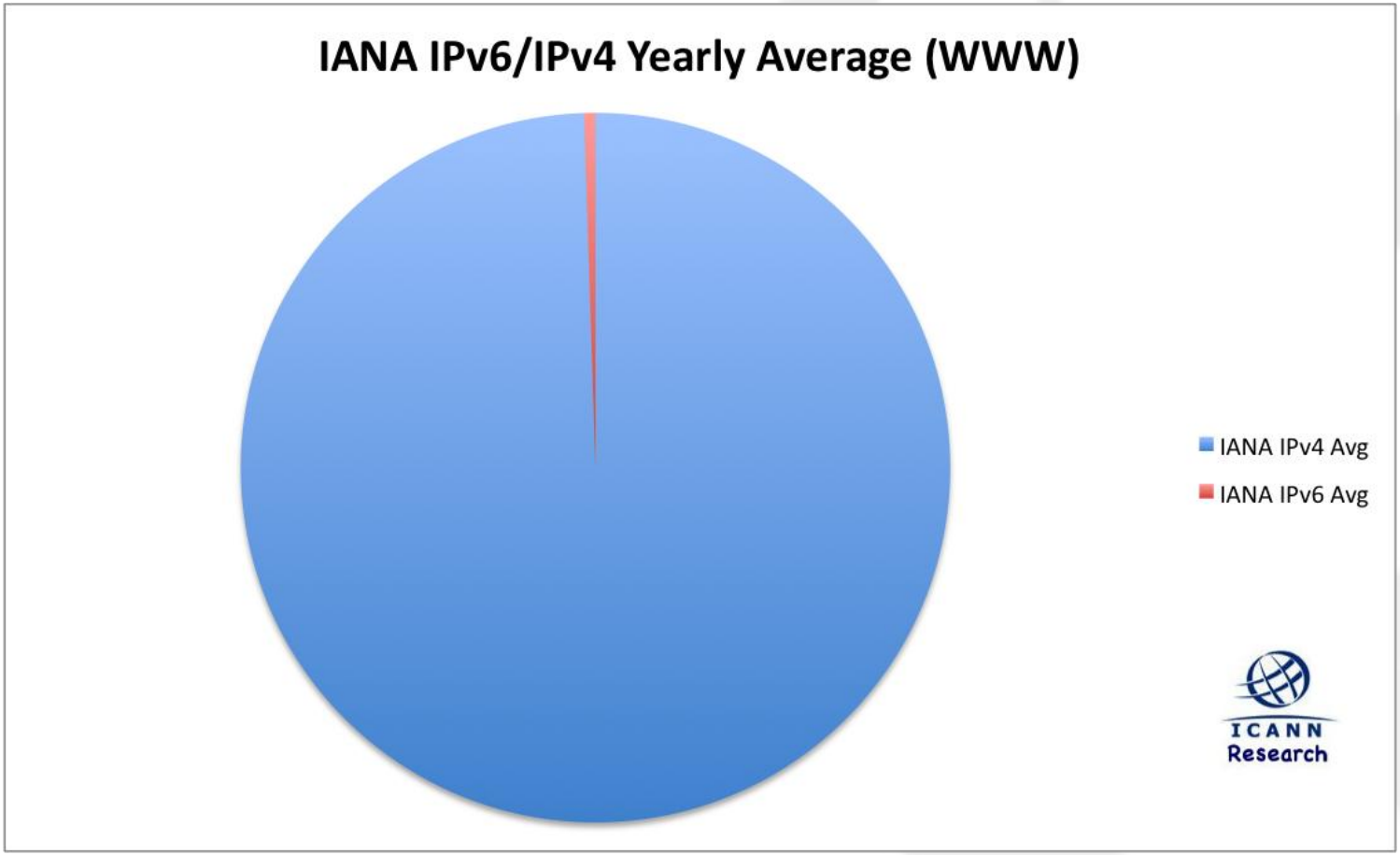
ccTLD DNSSEC map – Mar 2012



IPv6 web stats (1/3)



IPv6 web stats (2/3)



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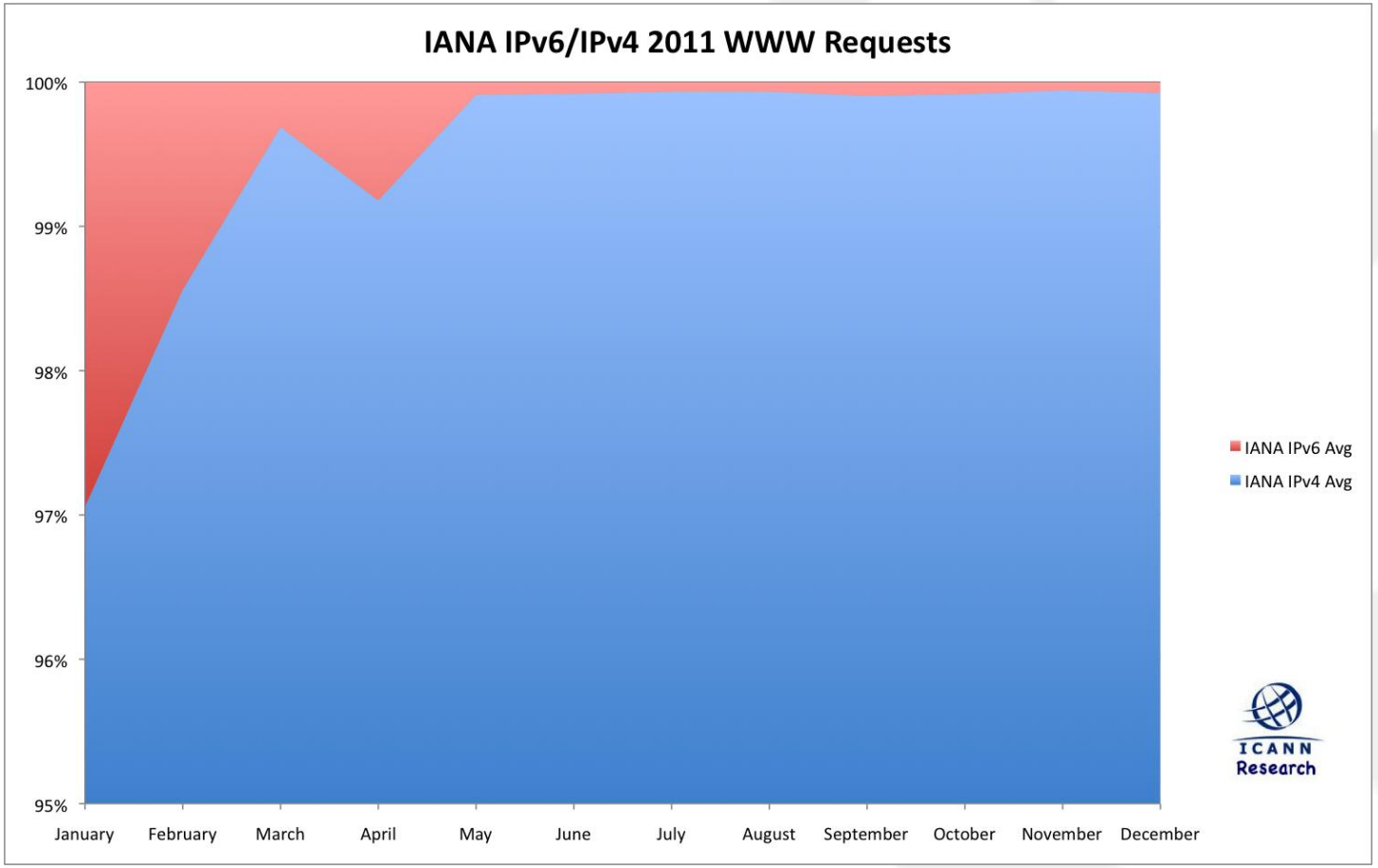
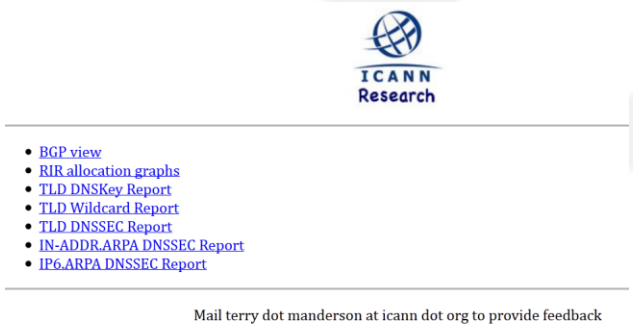


But wait, there's more!

Too much to report here

Check out our research web site for a series of daily reports on the health of Internet resources

http://stats.research.icann.org



Thank You

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Questions