IANA activities update
RIPE 64, Ljubljana

Filiz Yılmaz

Snr Dir, Participation & Engagement

Overview

- Making things better

- Continuous improvement

- New service

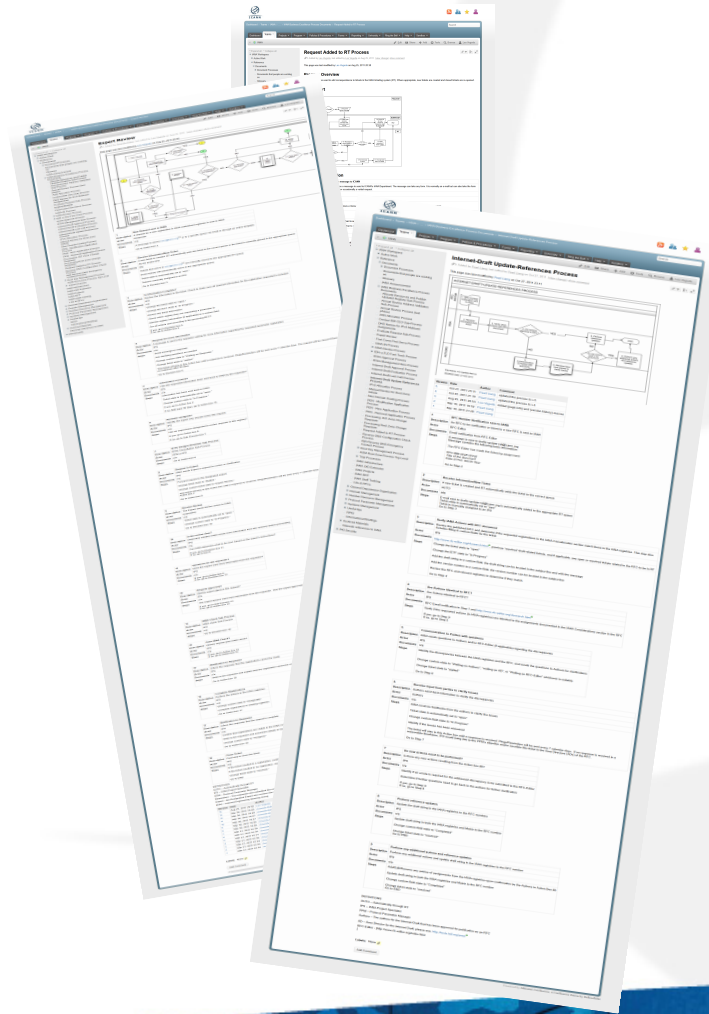- Statistics & more

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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

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.

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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Statistics

ccTLD DNSSEC map – Mar 2012

IPv6 web stats (1/3)

ICANN IPv6/IPv4 Yearly Average (WWW)

- ICANN IPv4 Avg
- ICANN IPv6 Avg

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IPv6 web stats (2/3)

IANA IPv6/IPv4 Yearly Average (WWW)

- IANA IPv4 Avg
- IANA IPv6 Avg

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IPv6 web stats (2/3)

IANA IPv6/IPv4 2011 WWW Requests

Legend:
- IANA IPv6 Avg
- IANA IPv4 Avg

Y-axis: 95%, 96%, 97%, 98%, 99%, 100%

X-axis: January, February, March, April, May, June, July, August, September, October, November, December
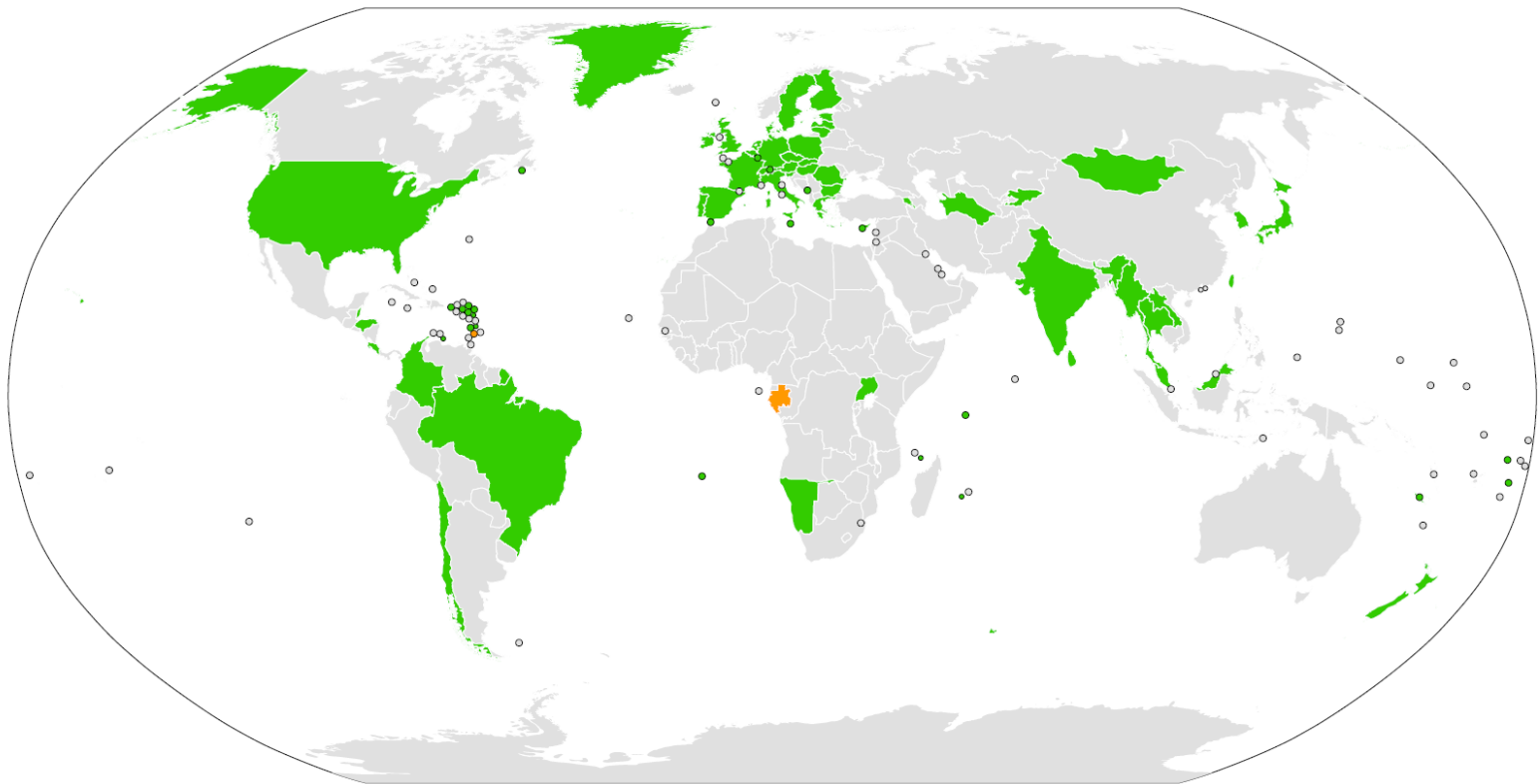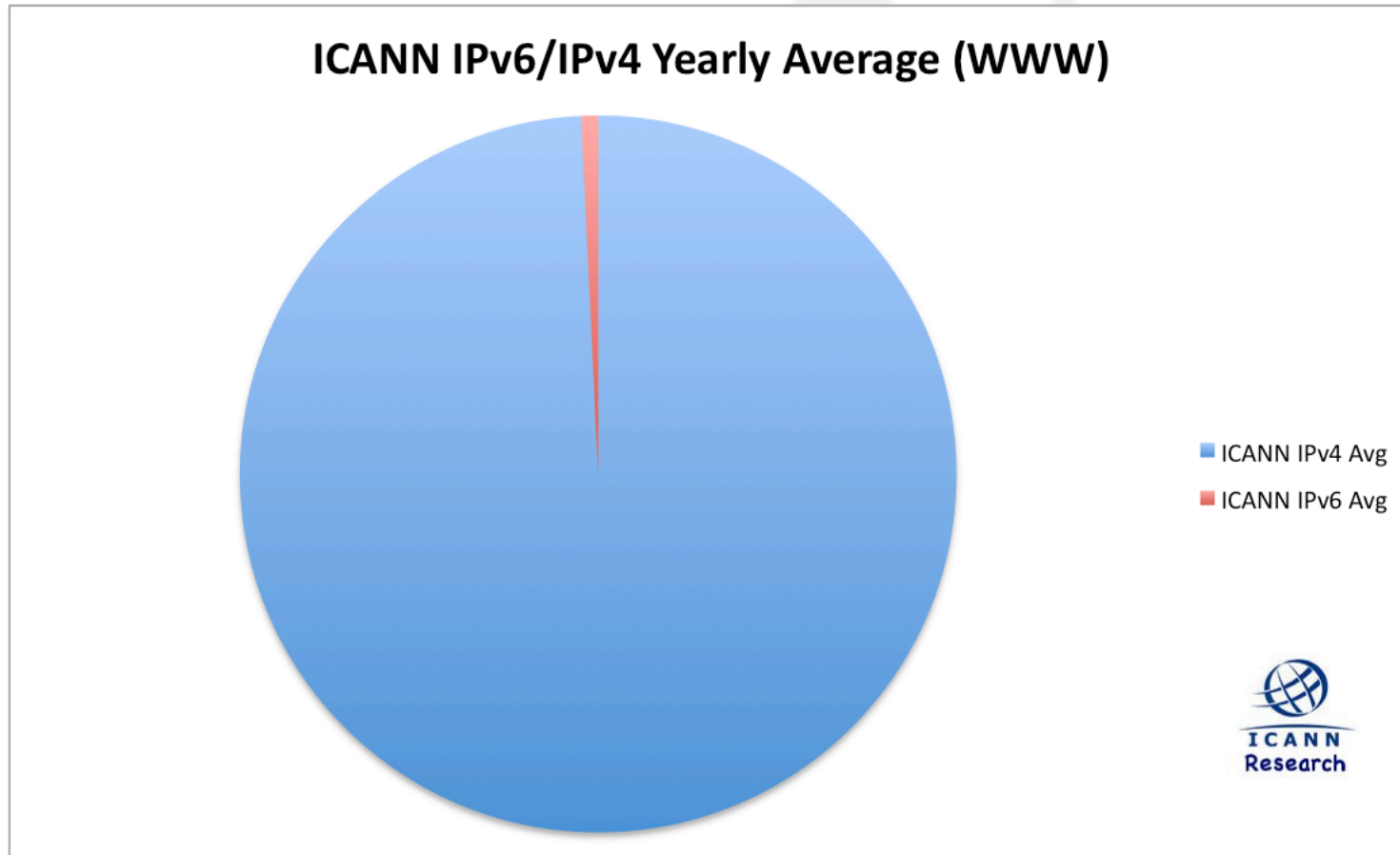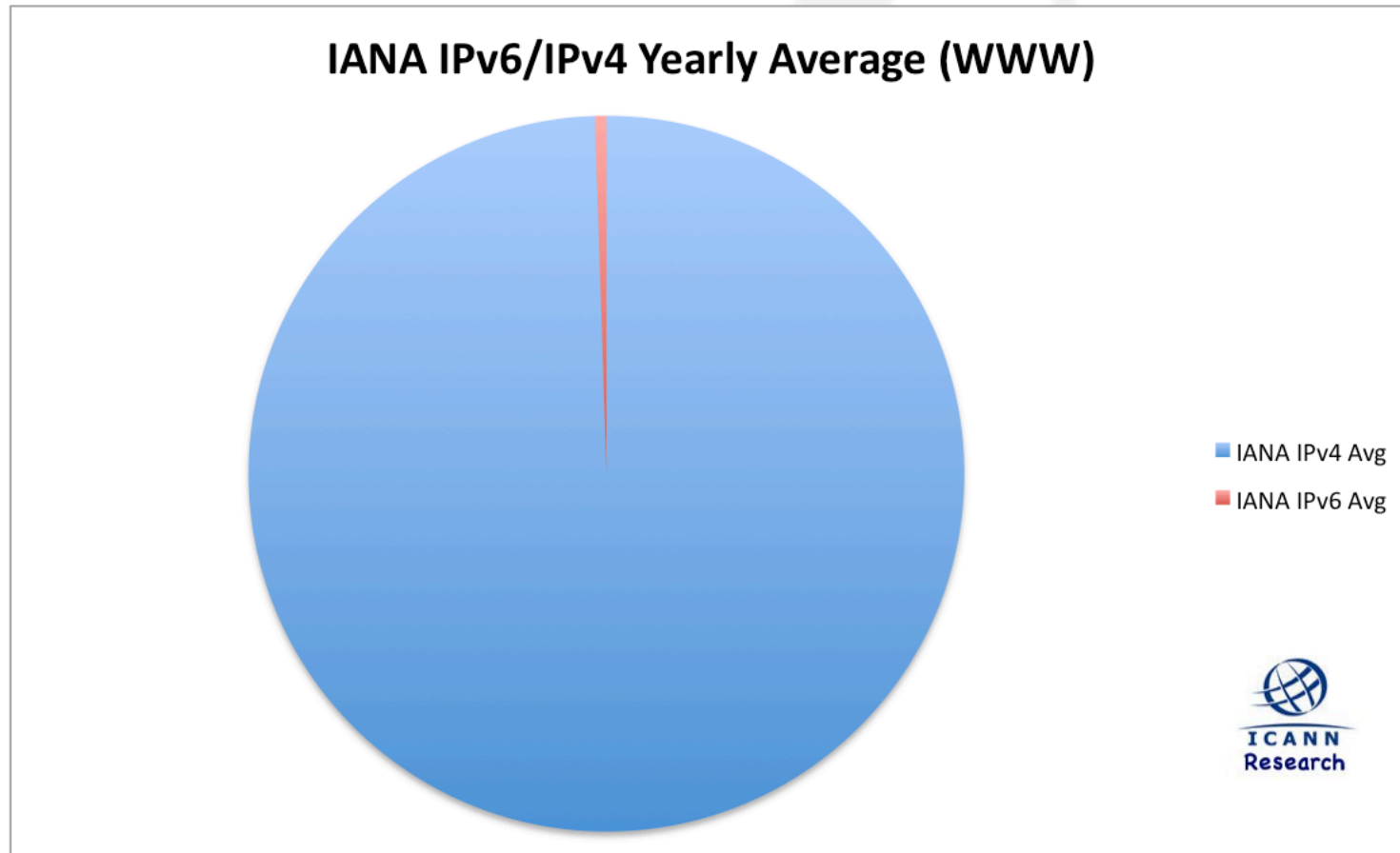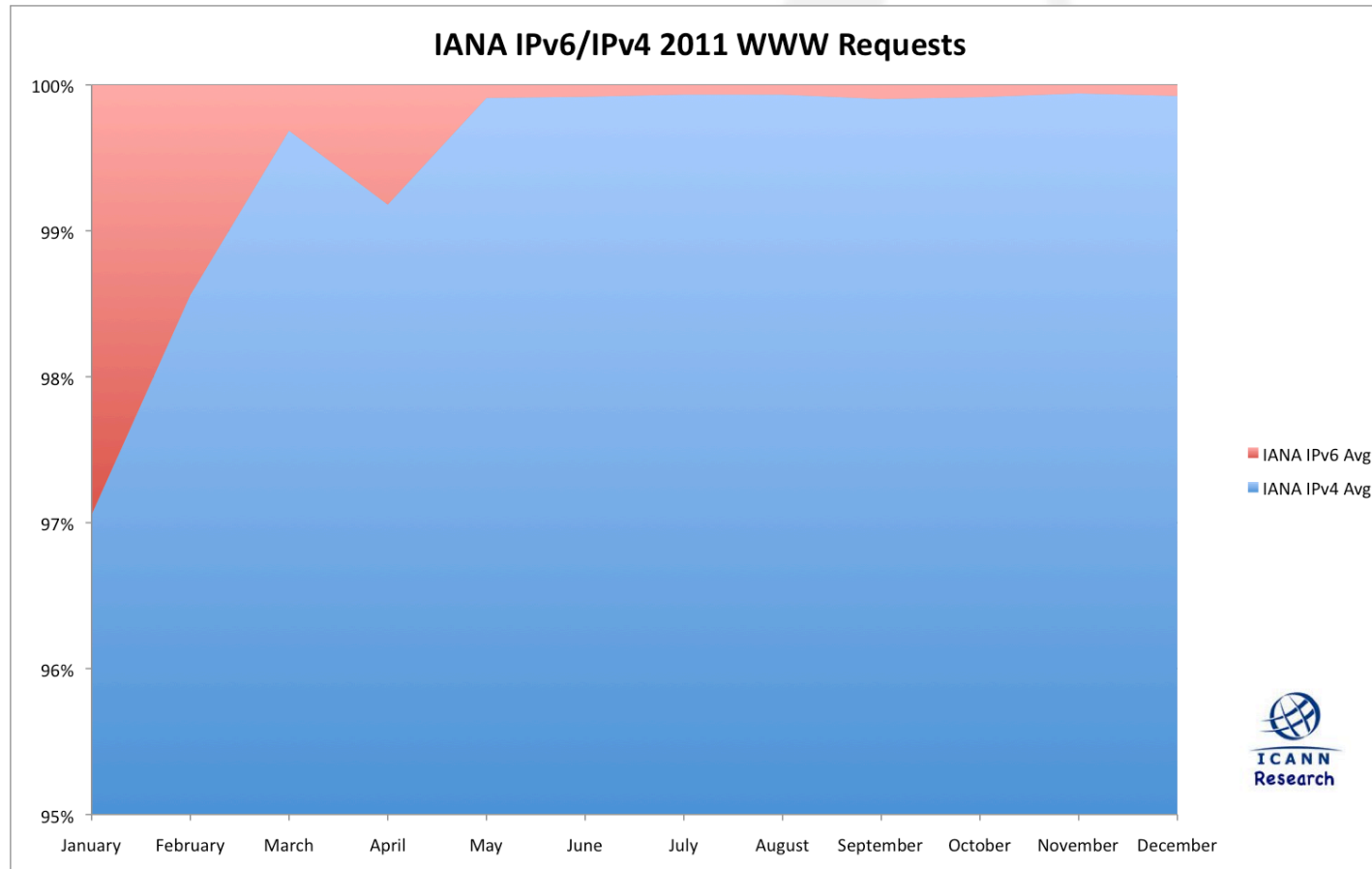
ICANN Research

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

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- BGP view
- RIR allocation graphs
- TLD DNSKey Report
- TLD Wildcard Report
- TLD DNSSEC Report
- IN-ADDR.ARPA DNSSEC Report
- IP6.ARPA DNSSEC Report

Mail terry dot manderson at icann dot org to provide feedback

Thank You

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Questions