



# No Need to Re-Invent the Wheel

-

## ccTLD cooperation in Europe

**Wim DEGEZELLE**  
**CENTR**

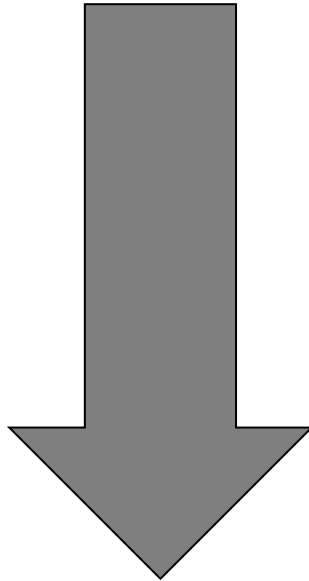
8 September 2010

3<sup>rd</sup> International Conference for ccTLD Administrators and Registrars of the  
CIS, Central and Eastern Europe  
Samara, Russian Federation

1. Short History
2. CENTR anno 2010
3. CENTR meeting structure
4. Thematic workshops
5. ccTLD surveys and statistics
6. Invitation -> IGF
7. Recent activities

# 1983: Development of the Domain Name System

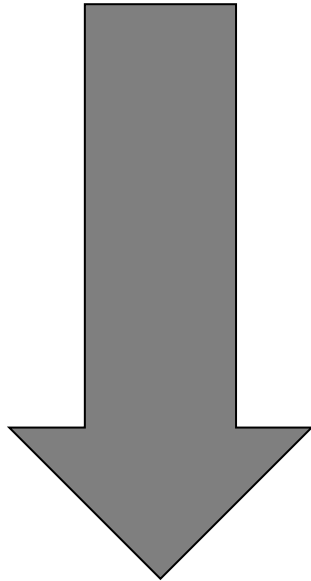
To replace the 'host.txt file' of network node names and their associated IP addresses



Administration/DNS of the few domains mostly by universities or individuals on a voluntary basis



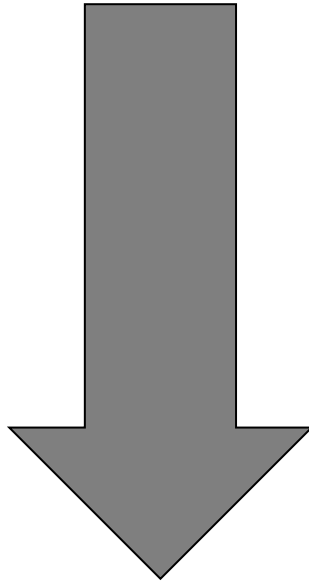
Early 1990'ies: Rapid growth of the number of domain names



Local stakeholders from the Internet community professionalise and organise the administration of their ccTLDs

foundation of DENIC (.de), Nominet (.uk), SIDN (.nl), ...

second half 90ties : Cooperation and Coordination  
on DNS relates issue



### **TECHNICAL issues**

Root server access, Broadband

**ccTLD POLICY** related issues

**1999 CENTR to facilitate the DIALOGUE and the EXCHANGE OF  
INFORMATION among European operators of registry  
services**

## **CENTR Passport**

*Full name :* **C**ouncil of **E**uropean **N**ational **T**op Level Domain **R**egistries

*Membership:* **48** Full members (ccTLD registries from Europe and beyond)

**10** Associate members (gTLD registries, ccTLDs outside Europe)

**12** Observers

CENTR Members account for over 62 million ccTLD domain name registrations which is 80% of the total number of ccTLD names registered world wide

*Staff:* Brussels based secretariat with **4** staff

# General Assembly

Management level  
3 meetings / year

# Thematic workshops



# ***CENTR Thematic workshops***

## **TECHNICAL**

- DNS infrastructure
- DNSSEC
- OpenDNSSEC
- DNSSEC signing methods
- EPP
- Detection of Fast Flux Botnets
- Security Audit of a ccTLD registry
- Conficker monitoring
- ...

## **MARKETING**

- ccTLD market analysis
- Growth prognosis for ccTLDs
- ccTLD awareness
- Promoting domain names
- Communication strategies
- Social networks
- ...

## **ADMINISTRATIVE**

- Registrar relations
- EPP
- Registration systems
- DNSSEC implementation
- Public Relations
- Registrant data verification
- customer satisfaction
- ...

## **LEGAL**

- Registry policy
- DNSSEC
- Dispute Resolution
- National legislation
- Whois policy
- Court cases
- ...

## **RESEACH AND DEVELOPMENT**

- Registry's R&D activities
- ONS Platform
- Certificates in DNS
- Internet Healthcheck
- ...





## **Extended Survey Library**

**Topics: every relevant question!**

- What dispute resolution system does your registry offer?
- Do registrars pay a pre-paid fee?
- Do you have a partnership with your national CERT?
- How do you verify the registrant's contact information?
- Which measures assure that your services can cope with sudden increases in demand?
- ...

AUGUST  
2010

## MONTHLY ROUND UP

this issue



Member News  
Upcoming Events  
Statistics  
Member spotlight: SIDN

### MEMBER NEWS (click title for full article)

**[.be]**  
**DNS.be launches DNSSEC in the .be zone**  
On the 17<sup>th</sup> of August in Leuven, Belgium, DNS BE launched the DNSSEC protocol. From the press release: "DNS BE has always put a high priority and focus on the safety aspects on management of DNS for .be. From now on, and just a few weeks after the rollout of DNSSEC from ICANN, the infrastructure name servers DNS BE supports the DNSSEC protocol."  
[Full press release \(French/Dutch only\)](#)

**[.cz]**  
**DNSSEC protects more than one seventh of the Czech Internet**  
The Czech Republic is maintaining its leading position in the number of domains secured by DNSSEC technology. To this day, 100 024 of .CZ domains have been protected from misuse and forgery (the 100,000th DNSSEC-secured .CZ domain was registered on July 29). In August .cz hit 700,000 domains.

**[.eu]**  
**Distribution of .eu registrations among registrars**  
EURid has taken a closer look at the distribution of .eu registrations among its registrars and has found that 65 % of domain name registrants chose a registrar from their own country, 18 % chose a registrar from a different country in the European Union, and 17% chose a registrar located outside the EU.

**[.fi]**  
**The first phase of the Domain Name System Security Extension (DNSSEC) for Finnish domain names in use**  
FICORA will introduce the Domain Name System Security Extension (DNSSEC) for Finnish domain names in two phases. The first phase, signing the .fi root, began on 18 August.

**[.is]**  
**30,000 .IS Domains**  
The number of .IS Domains has now reached 30,000. The ccTLD .IS is one of the "smallest" Top Level Domains in the whole DNS Society, but also one of the most secure ones according to McAfee report.

**[.ie]**  
**Best performing 2nd quarter for .ie domain registrations to date.**  
1.1% year on year increase in Q2 registrations  
The IE Domain Registry (IEDR) today reported the best performing second quarter for .ie domain registrations in Ireland since records began.

**[.lv]**  
**Rise in Latvian botnets prompts Spamhaus row**  
Article detailing the recent dispute and problems between Anti-Spam organisation Spamhaus and NIC.lv after Spamhaus added a large chunk of Latvian IP addresses to their anti-spam list  
[Read open letter and report here \(CERT NIC.LV\)](#)

**[.nl]**  
**SIDN has successfully implemented DNSSEC for the .nl zone**  
In Arnhem (23 August), SIDN successfully signed the .nl zone with DNSSEC. Signing the zone is the first step towards a large-scale roll-out of DNSSEC. SIDN has also hit 4 million domains in late August.

**[.ru]**  
**Internet grows in Russia**  
Internet usage is growing rapidly in Russia, with over 43.3 million people, or around 30% of the population, now accessing the web at least once a month.

**[.se]**  
**Putting .SE's DS records into the root zone**  
Since the root zone is now signed, SE has submitted its DS records to the root zone.

**[uk]**  
**Nominet Chief tells Domainers to grow up.**  
Article from a recent "MeetDomainers" conference in Manchester where Nominet Chief Executive spoke on the impacts of domainers on the DNS community and reputation.

### ACTIVE CENTR SURVEYS

(click to access)

Redemption and Droppatching (ends 20 September)  
Evaluation Survey on GA42, Dublin, Ireland, June 2010

**An overview on  
the key mechanisms that provide  
security and stability**

## **Resilience and contingency planning in DNS**

... Are registry managers, governments, the private sector and other DNS operators ready to cope with contingencies?

The workshop aims to address how DNS Security is dealt with at various levels to guarantee continuity of the services and features our life has become deeply linked to and relying on.

A partnership will be officially established among the TLD regional organizations. To this end the cooperation will concentrate on exchanging best practices on a regular basis and to set a site for their members where concrete contingency scenario cases are presented and analysed.

**Room 1  
Tuesday, 14 September 2010  
11.30 – 13.30**

Workshop by the regional ccTLD organisations  
AfTLD – APTLD – CENTR – LACTLD  
IGF 2010 – Vilnius, Lithuania

**DNS security**

## **DNS-CERT comment**

CENTR reminds that ccTLD registries are deeply involved in maintaining security and stability of the DNS, often beyond the scope of their own activity as top level domain managers. The comment supports the renewed focus on security in the ICANN strategic plan and in the mean time highlights some concerns in relation to the DNS-CERT initiative.

The comment can be found at

<https://www.centr.org/main/news/5548-CTR.html>

## **CENTR A-level survey**

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2 yearly survey amongst CENTR members,  
General overview of the practices and domain name  
registration principles

- 2002: 37 CENTR Members participated
- 2005: 36 CENTR Members participated
- 2008: 43 CENTR Members participated
- 2010: **48 CENTR Members participated**

### **DNS movie**

With over 32,000 YouTube downloads is *CENTR's 'DNS Explained'* a great success. In the mean time some members have translated the movie. DNS is now also explained in Catalan, Dutch, Finnish, French, German, Norwegian and Spanish. A voice over is added to the original movie.

<https://www.centri.org/main/5418-CTR.html>

THIS IS HOW THE DOMAIN NAMES SYSTEM WORKS:



Thank you for your attention!

More about CENTR at  
<http://www.centri.org>

[wim@centri.org](mailto:wim@centri.org)