



TLD-OPS Standing Committee

ccNSO Update

June 28, 2016
ICANN56, Helsinki

Cristian Hesselman, .nl (chair)

TLD-OPS

- Technical incident response community *for and by ccTLDs*
- Brings together folks who are responsible for the overall security and stability of their ccTLD
- Goal: facilitate further increased level of security and stability of ccTLDs' services and of the Internet as a whole
- Approach: increase (i) reachability of ccTLD incident response contacts and (ii) level of shared knowledge on security alerts
- Open to *every* ccTLD, irrespective of ccNSO membership
- Oversight by TLD-OPS Standing Committee
 - ccTLD reps and Liaisons (SSAC, IANA, ICANN's security team)

TLD-OPS Mailing List

- Contact repository
 - Regular automated emails with incident response contact info of ccTLDs
 - Names, phone numbers, email addresses (no role-based accounts)
 - Info of *all* subscribed ccTLDs in *one* email
 - Easily and quickly look up contact through (local) inbox
 - Low entrance barrier using IANA admin contact as “trust anchor”
- Hub for exchanging security alerts
 - Attacks (DDoS, reflection attacks, phishing, etc.)
 - Software vulnerabilities, malware
 - Flag alerts (red, amber, green, white) to signal disclosure level
 - Trusted community of peers
- Check our leaflet for details!
 - Arabic, Chinese, English, French, Russian, Spanish, and Russian
 - <http://ccnso.icann.org/resources/tld-ops-secure-communication.htm>

TLD-OPS Membership Stats

All	Members	%	Missing	%	Total
Total	178	61%	112	39%	290

ASCII	Members	%	Missing	%	Total
Total	149	61%	95	39%	244
AF	23	46%	27	54%	50
AP	43	52%	39	48%	82
EU	64	98%	1	2%	65
LAC	16	38%	26	62%	42
NA	3	60%	2	40%	5

IDN	Members	%	Missing	%	Total
Total	29	63%	17	37%	46

Last update: Jun 15, 2016

Progress Since ICANN55

- Three security alerts
 - Spear-phishing attacks against ccTLD operators
 - Large malvertising campaign targeting popular .nl websites
 - A ransomware that used domain names of various ccTLDs
- Membership
 - New: San Marino (.sm, EU), Vanuatu (.vu, AP), Faroe Islands (.fo, EU), and Morocco (.ma/.المغرب, AF)
 - Updated contact info of 5 members
- Outreach
 - Translated leaflet (Arabic, Chinese, English, French, Russian, Spanish)
 - Met with APTLD General Manager at CENTR Jamboree
 - Attended African Internet Summit (May-June)
 - Shared translated leaflets with RO Managers and ICANN Regional VPs

Targets ICANN56

- Increase the number of ASCII ccTLDs subscribed to the list to 185 by targeting specific ccTLDs with the help of ICANN's Regional VPs
- Get the list to be used more often through our collaboration with ICANN's security team (package and share security alerts)
- ~~Develop a simple procedure for members to update their contact information (320 people on the list)~~
- Find a ccTLD representative from the Asia-Pacific region by approaching APTLD

Objectives ICANN57

- Increase the number of ASCII ccTLDs members by 5% to 187 through various outreach activities
- Get the list to be used more often through our collaboration with ICANN's security team (package and share security alerts)
- Draft TLD-OPS terms of use

Q&A

TLD-OPS Members

Frederico Neves, .br

Jacques Latour, .ca

Erwin Lansing, .dk

Ali Hadji Mmadi, .km

Cristian Hesselman, .nl (chair)

Jay Daley, .nz

Abibu Ntahigiye, .tz

Warren Kumari (Liaison to SSAC)

John Crain (Liaison to ICANN's security team)

Kim Davies (Liaison to IANA)

ICANN Staff

Kim Carlson

TLD-OPS Home

<http://ccnso.icann.org/resources/tld-ops-secure-communication.htm>

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