



TLD-OPS Standing Committee

ccNSO Update

November 6, 2016
ICANN57, Hyderabad

Cristian Hesselman, .nl (chair)

TLD-OPS

- Technical incident response community *for and by ccTLDs*
- Folks 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
- Guidance by TLD-OPS Standing Committee
 - ccTLD reps and Liaisons (SSAC, IANA, ICANN's security team)

TLD-OPS Mailing List

- Contact repository
 - Monthly email with incident response contact info of *all* member ccTLDs
 - Names, phone numbers, email addresses (no role-based accounts)
 - Readily available through inbox, even offline
 - Low entrance barrier through IANA admin contact as “trust anchor”
- Hub for exchanging security alerts
 - Such as on DDoS attacks, phishing, 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	185	64%	105	36%	290

ASCII	Members	%	Missing	%	Total
Total	156	64%	88	36%	244
AF	23	46%	27	54%	50
AP	47	57%	35	43%	82
EU	65	100%	0	0%	65
LAC	17	40%	25	60%	42
NA	4	80%	1	20%	5

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

Last update: August 15, 2016

Progress Since ICANN56

- Three security alerts
 - Helped one ccTLD with problems with their DNS anycast service
 - Security warning for a ccTLD that got hacked
 - Security warning on DDoS attack on DNS root of June 25, 2016
- New members
 - .ax (Åland Islands)
 - .tt (Trinidad and Tobago)
 - .bn (Brunei)
 - .fj (Fiji)
 - .pr (Puerto Rico)
 - .ki (Kiribati)
 - .la (Laos)
 - Updated contact info of 3 members
- TLD-OPS newsletter (September)

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

Objectives ICANN58

- Increase the number of ASCII ccTLDs members by 5% to 194 through webinars for LAC and AF and possibly AP regions
- Organize a TLD-OPS workshop at ICANN58 to discuss how ccTLDs collaboratively detect and mitigate DDoS attacks

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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