



TLD-OPS Update

ccTLD Security and Stability Together

ccNSO Members Day

June 26, 2018

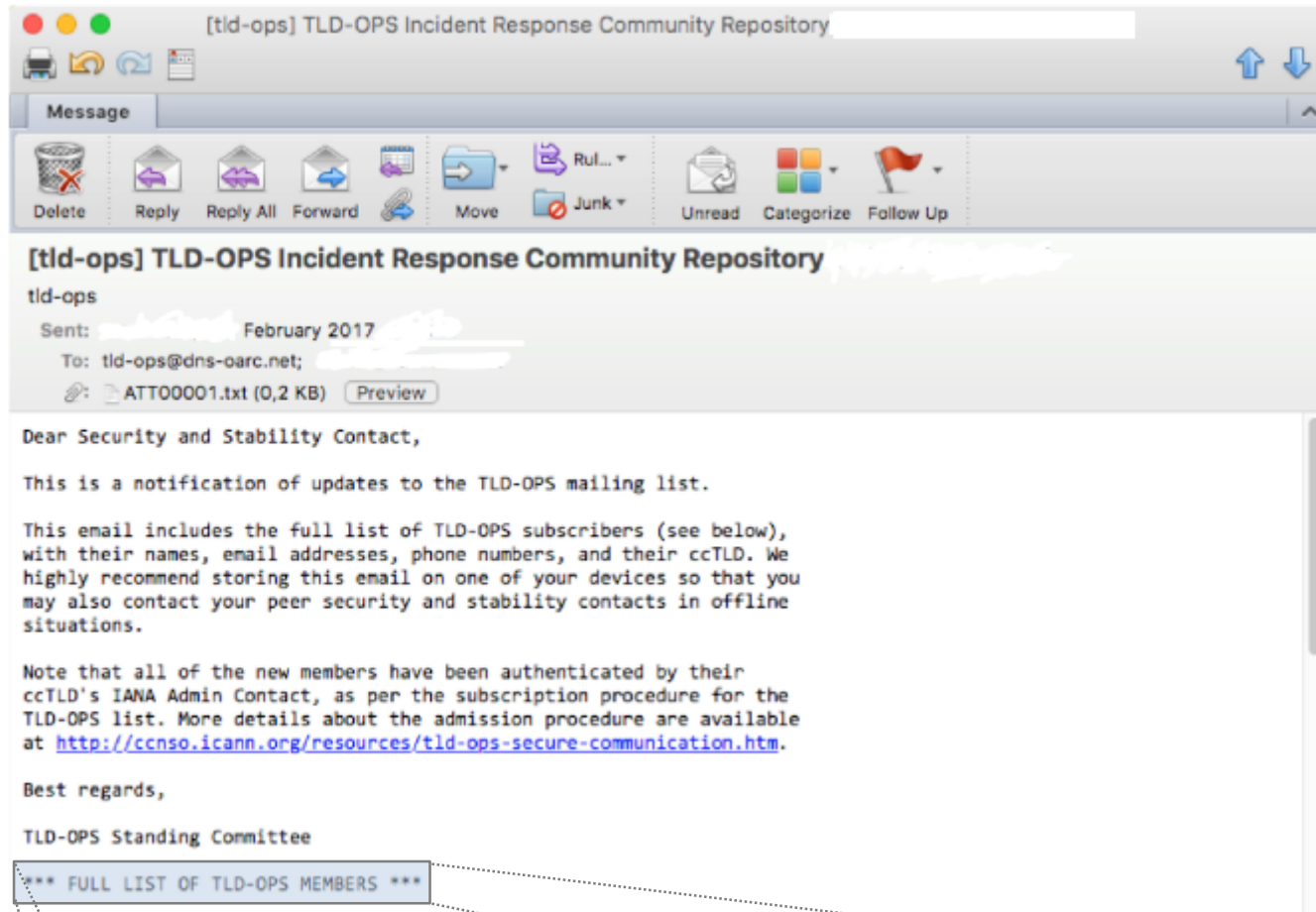
ICANN62, Panama

Jacques Latour, .ca (Chair)

TLD-OPS

- Global technical incident response community *for and by ccTLDs*, open to *all* ccTLDs
- Brings together 360 people who are responsible for the operational security and stability of 195 different ccTLDs / 166 countries
- Goal: enable ccTLD operators to collaboratively detect and mitigate incidents that may affect the operational security and stability of ccTLD services and of the wider Internet
- Further *extends* members' existing incident response structures, processes, and tools and *does not* replace them
- Guidance by TLD-OPS Standing Committee
 - ccTLD reps and Liaisons (SSAC, IANA, ICANN's security team)

Contact Repository Email



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“Jane Doe, #1, .vn, +84 123456789” jane.doe@nic.vn, jane@email.org

TLD-OPS Operations Since ICANN61

- Security alerts
 - Advisory from a ccTLD to assess the impact of stolen / hacked / leaked usernames/passwords on registry / DNS and registrars.
- Membership updates
 - Joined: .bo Bolivia and .hn Honduras (LAC)
 - Contact updates: 7 (new, removal)
- Active standing committee outreach to missing members

Security Alerts and Workshops

#	Description	Month
13	Alert: Advisory regarding stolen/hacked passwords	Apr-18
12	Alert: Malware use DNS to steal personal info	Feb-18
11	Two DDoS attacks on a registry's name servers	Mar-17
10	Registry front-end compromise due to 0-day vulnerability	Mar-17
9	Queries on latency problems with DNS anycast operator	Dec-16
8	Security warning regarding large volumes of Cutwail Traffic	Nov-16
7	Alert: several members reporting large DNS traffic spikes	Nov-16
	...	

- DDoS Mitigation Workshop @ ICANN59 and ICANN60
 - Draft DDoS mitigation playbook available

TLD-OPS Membership Stats

All	Members	%	Missing	%	Total
Total	195	67%	96	33%	291
ASCII	Members	%	Missing	%	Total
Total	166	68%	79	32%	245
AF	25	49%	26	51%	51
AP	50	61%	32	39%	82
EU	65	100%	0	0%	65
LAC	21	50%	21	50%	42
NA	5	100%	0	0%	5
IDN	Members	%	Missing	%	Total
Total	29	63%	17	37%	46
Date: June 4, 2018					

Standing Committee Results Since ICANN61

- ICANN59 and ICANN60 TLD-OPS DDoS Mitigation workshop outcome
 - Delivered : DDoS mitigation playbook

If you're here then you're not on TLD-OPS!

AF	AP	LAC
.ac Ascension Islands	.az Azerbaijan	.ai Anguilla
.ao Angola	.bd Bangladesh	.bs Bahamas
.bj Benin	.bt Bhutan	.bz Belize
.cd Congo, the Democratic Republic of	.ck Cook Islands	.cu Cuba
.cf Central African Republic	.cx Christmas Islands	.ec Ecuador
.cg Congo, Republic of	.dj Djibouti	.gf French Guiana
.ci Cote d'Ivoire	.gu Guam	.gs S. Georgia & the S. Sandwich Islands
.cm Cameroon	.hm Heard and McDonald Islands	.gy Guyana
.er Eritrea	.io British Indian Ocean Territory	.ht Haiti
.et Ethiopia	.kg Kyrgyzstan	.jm Jamaica
.ga Gabon	.kp Korea, Democratic People's Republic of	.kn Saint Kitts and Nevis
.gn Guinea	.kz Kazakhstan	.ky Cayman Islands
.gq Equatorial Guinea	.mh Marshall Islands	.mq Martinique
.gw Guinea-Bissau	.mm Myanmar	.ms Montserrat
.lr Liberia	.mp Northern Mariana Islands	.mx Mexico
.ml Mali	.mv Maldives	.pe Peru
.mr Mauritania	.nc New Caledonia	.sr Suriname
.ne Niger	.nf Norfolk Island	.sv El Salvador
.sd Sudan	.np Nepal	.sx Sint Maarten
.sl Sierra Leone	.nr Nauru	.tc Turks and Caicos Islands
.so Somalia	.om Oman	.vc Saint Vincent and the Grenadines
.st Sao Tome and Principe	.pf French Polynesia	
.sz Swaziland	.pk Pakistan	
.td Chad	.pw Palau	
.tg Togo	.tc Turks and Caicos Islands	
.zw Zimbabwe	.tj Tajikistan	
	.tk Tokelau	
	.tm Turkmenistan	
	.to Tonga	
	.tv Tuvalu	
	.ws Samoa	
	.ye Yemen	

Objectives ICANN62

- Collect feedback on Natural Disaster/DR/BCP initiative at ccNSO Workshop and TechDay
- Increase membership by 3 to 198

Q&A

TLD-OPS Standing Committee

Frederico Neves, .br

Jacques Latour, .ca (chair)

Erwin Lansing, .dk

Régis Massé, .fr (co-chair)

Ali Hadji Mmadi, .km

Abibu Ntahigiye, .tz

Brett Carr, .uk

Warren Kumari (SSAC contact)

John Crain (ICANN's security team contact)

Kim Davies (IANA contact)

ICANN Staff

Kim Carlson

TLD-OPS Home

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

TLD-OPS Leaflet

<https://ccnso.icann.org/workinggroups/tld-ops-enhanced-incident-response-capabilities-cctlds-14apr16-en.pdf>

Arabic, Chinese, English, French, Russian, Spanish, Russian

Contact

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