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

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<thead>
<tr>
<th>All</th>
<th>Members</th>
<th>%</th>
<th>Missing</th>
<th>%</th>
<th>Total</th>
</tr>
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<tbody>
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<td>61%</td>
<td>112</td>
<td>39%</td>
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<table>
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<td>54%</td>
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<tr>
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<td>17</td>
<td>37%</td>
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</tbody>
</table>

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

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TLD-OPS Home
http://ccnso.icann.org/resources/tld-ops-secure-communication.htm

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