TLD-OPS Update
ccNSO Meeting

March 12, 2018
ICANN64, Kobe

Jacques Latour, .ca (Chair)
Régis Massé, .fr (Vice Chair)
TLD-OPS introduction

• Global technical incident response community for and by ccTLDs, open to all ccTLDs (ASCII and IDN)

• Brings together 380+ people who are responsible for the operational security and stability of 200+ different ccTLDs

• 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

"John Doe, #1, .nl, +31 123456789"  john.doe@nic.nl, john@oarc.net
"Jane Doe, #1, .vn, +84 123456789"  jane.doe@nic.vn, jane@oarc.net
## Security Alerts and Workshops

<table>
<thead>
<tr>
<th>Description (a few example)</th>
<th>Month</th>
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<tbody>
<tr>
<td>Malicious Activity Targeting the DNS</td>
<td>Feb-19</td>
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<td>Vulnerability in DNS software</td>
<td>Oct-18</td>
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<td>Alert: Malware use DNS to steal personal info</td>
<td>Feb-18</td>
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<td>Two DDoS attacks on a registry’s name servers</td>
<td>Mar-17</td>
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<td>Registry front-end compromise due to 0-day vulnerability</td>
<td>Mar-17</td>
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<td>Queries on latency problems with DNS anycast operator</td>
<td>Dec-16</td>
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<tr>
<td>Security warning regarding large volumes of Cutwail Traffic</td>
<td>Nov-16</td>
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<tr>
<td>Alert: several members reporting large DNS traffic spikes</td>
<td>Nov-16</td>
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<tr>
<td>Security warning for a ccTLD that was hacked</td>
<td>Aug-16</td>
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- Disaster Recovery / BCP Workshop @ ICANN63 Barcelona
- DDoS Mitigation Workshop @ICANN58 Copenhagen
TLD-OPS Operations Since ICANN64

- Security alerts
  - Two notifications

- Membership updates - Kim
  - Joined: 1 new
    - .SX added
  - Contact updates: 8 updates
TLD-OPS all over the world

ASCII 173 (+1 / 71%) & IDN: 29 (63%)

5 (100%)

65 (100%)

27 (53%)

51 (62%)

Total: 202 (+1 / 69%)
Disaster Recovery Workshop Update

ICANN 62 – TechDay Presentation

ICANN 62 - ccNSO Presentation

ICANN 63 Workshop

ICANN 64 – Draft playbook delivery?

We are here (exactly :)

TLD-OPS Standing Committee
DR/BCP - Drafting Team Status Report

• TLD Ops Document Drafting Face to face meeting on Sunday

• Agreed on Playbook Goals
  – How to bring DR, BCP, BIA discipline to a 1 or 2 person ccTLD
  – Focus only on ccTLD relevant activities
  – Simple templates for top 5 major DR/BCP scenarios
  – Simple event/initiation process

• The TLD-OPS Standing Committee assessment is we’re making good progress and have a good level of collaboration 😊

• Need to define leads (volunteers / TLD-OPS) to ensure momentum
  – Dirk Jumpertz, EU, unanimously approved as our fearless leader ;-)
Objectives for ICANN64 / ICANN65

• Objectives for ICANN64

  – Develop sufficient content for the Drafting team workshop
  – DR/BCP Drafting Team Workshop at Kobe – Block 5
  – Increase membership by 3 to 203 (not achieved, added 1)

• Objectives for ICANN65

  – Ensure coherence between web site and contact repository
  – First Draft of DR/BCP Playbook
  – Increase membership by 3 to 204
It’s time to join the TLD-OPS community

- Easy: Just send an email to join
- Secure: Identified and trusted contacts
- Helpful: Community help in case of an incident
TLD-OPS Standing Committee

- Jacques Latour (ca / Chair)
- Régis Massé (fr / Vice Chair)
- Frederico Neves (br / Member)
- Erwin Lansing (dk / Member)
- Ali Hadji Mmadi (km / Member)
- Abibu Ntahigiye (tz / Member)
- Brett Carr (uk / Member)
- Warren Kumari (SSAC Liaison)
- John Crain (SSR Liaison)
- Kim Davis (IANA Liaison)
- Kimberly Carlson (ICANN Staff)
Ressources & Contacts

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

Jacques Latour  
Standing Committee Chair  
+1.613.291.1619  
jacques.latour@cira.ca

Régis Massé  
Standing Committee Vice Chair  
+1.6.83.12.43.49  
regis.masse@afnic.fr
Thank you!