TLD Monitoring Tools

The TLD-OPS standing committee is sharing this list of TLD Monitoring tools. These tools may be useful in the advent of a security incident to remotely assist in determining the status of a TLD. Note: Some of the URL are .CA specific and should be replaced with your TLD.

If you have a TLD monitoring tool that is not on the list below, please share with the committee and we will gladly add.

Please take some time to look at the tools below, some you might like, some not, some provide real time status, some have history, some are commercial that offer free services to TLDs, but knowing what is available before a security incident occurs can save valuable time in isolating the root cause and developing a response plan.

DNS TLD STATUS:
- TLD MONITOR   https://tldmonitor.blipp.com/
- DNS-OARC TLD Monitoring   https://tldmon.dns-oarc.net/nagios/
- RIPE Atlas DNS Monitoring   https://atlas.ripe.net/dnsmon
  - For a fee RIPE can perform advanced TLD monitoring.
- Thousand Eyes   https://www.thousandeyes.com/

DNSSEC Status Checker:
- DNSvis   http://dnsviz.net/d/ca/dnssec/
- DNSSEC Early warning   http://www.dnssek.info/
- DNSSEC Deployment Report   http://rick.eng.br/dnssecstat/

ZONEMASTER Implementations:
- Zonemaster   https://www.zonemaster.net/
- Zonalizer   https://zonalizer.makeinstall.se

Various DNS Configuration:
- ROBTEX   https://www.robtex.com/?dns=ca or
                                           https://www.robtex.com/?dns= [your TLD]
- ENDSO Compliance Tester: https://ednscomp.isc.org/

SECURITY TOOLS/REPORTS:
- Secure Domain Foundation   http://www.securedomain.org/
      Need an API key to query SDF reputation database
      https://api.securedomain.org/intel/json?key=YOURKEY4&email=jacques@jack.ca
- DDoS Mon (alerting)   https://ddosmon.net/ (need account)
- DNSDB   https://www.dnsdb.info (need account and fees apply)
- Shadowserver Compromised Websites
      https://www.shadowserver.org/wiki/pmwiki.php/Services/Reports
- OpenPhish Premium
      https://openphish.com/phishing_feeds.html (need account)
- VirusTotal   https://www.virustotal.com/

This list is available online at : http://ccnso.icann.org/resources/tld-ops-secure-communication.htm

TLD-OPS Standing Committee