

CDS Scanning rollout at CentralNic

Gavin Brown, Technical Fellow, CentralNic Group PLC

ICANN 76, Cancún, Mexico, March 2023

Overview

- CDS scanning enabled in .SK on **January 1st, 2020**
 - .SK now has over 50% DNSSEC adoption, driven significantly by CDS scanning
- CDS scanning enabled in .FO on **November 14, 2022**
 - .FO now has around 33% DNSSEC adoption
- CDS scanning enabled under SLDs on **January 24, 2023**
 - Levels of DNSSEC adoption haven't changed much on a very low base (0-5%)

Future plans

- Enabling CDS scanning on other ccTLDs (hopefully H2 2023)
- ...on gTLDs in 2024?
- CentralNic is engaging with ICANN org to discuss the best way to achieve this

Unresolved questions

- How should CDS records be handled if the domain has the **clientUpdateProhibited** status code?
- How should CDS records be handled if the domain has **serverUpdateProhibited** status code?
- Should the registrant/DNS operator be notified if a CDS rrset cannot be processed because of one of the above status codes?
- Should CDS records take precedence over data received through EPP, or vice versa?
- Should registrars have an opt-out?
- Should registrars be notified of CDS record processing?
- What are the potential security risks?

Questions?

Email: gavin.brown@centralnic.com

Mastodon: [@gbxyz@noc.social](https://noc.social/@gbxyz)