



**RIPE NCC**  
RIPE NETWORK COORDINATION CENTRE

# CDS scanning at RIPE NCC

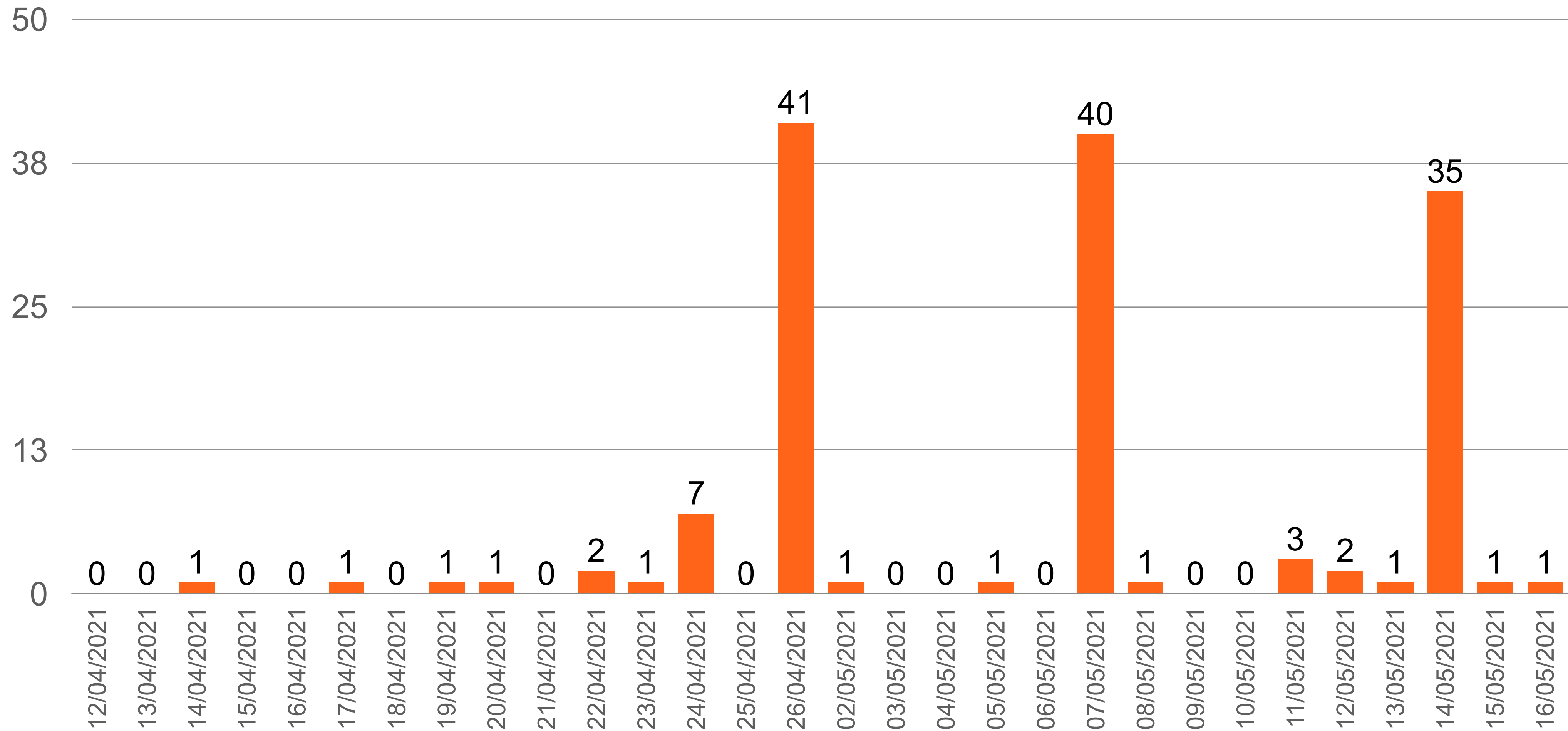
Ondřej Caletka | 14 June 2021 | ICANN 71

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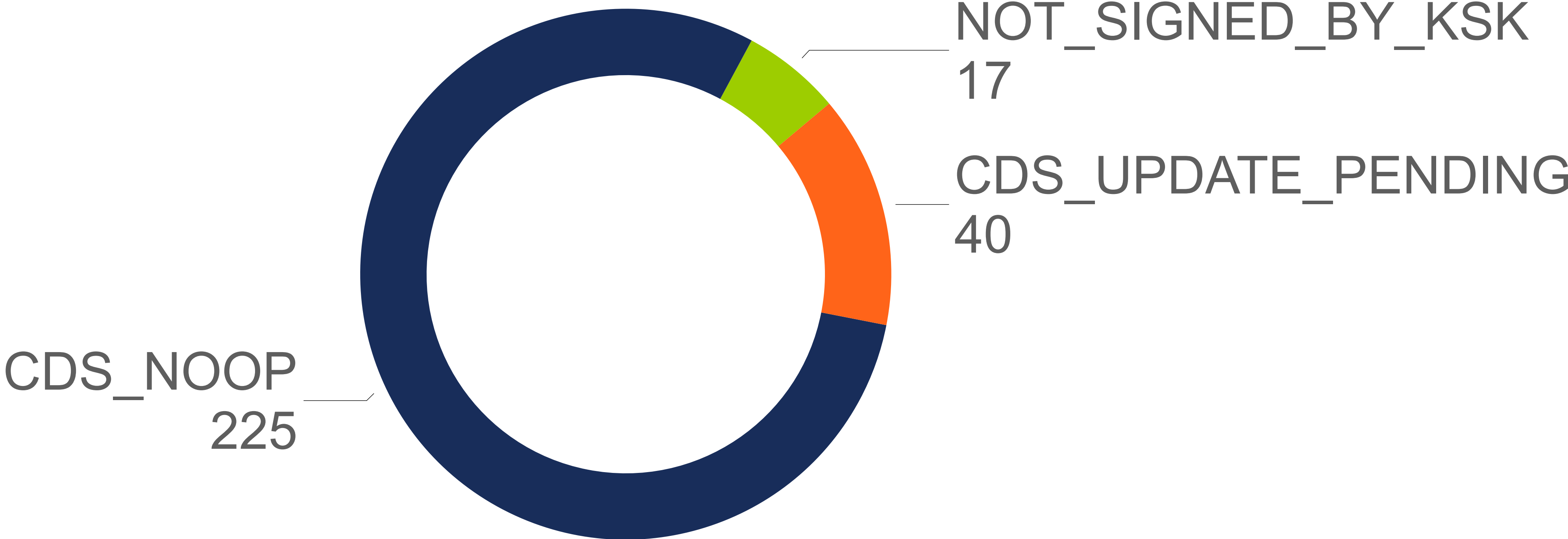


- Daily scans of CDS records since 25 March 2021
  - Multithreaded scanner in Python (<https://github.com/RIPE-NCC/rcdss>)
  - Only **secure delegations** are scanned
  - Only CDS records are considered
  - All **special validation requirements** by RFC 7344 fulfilled
- Changes are pushed into the RIPE Database
  - Current **safety limit** of 100 domain object updates without manual intervention
- No artificial restrictions on DNSSEC algorithms
  - Depends on algorithm support in the resolver and dnspython library
  - EdDSA not supported by the resolver at the moment

# CDS updates



# CDS Scan Results





# Questions



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