



CDNSKEY in TANGO Registry Services CORE Registry Software

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TANGO Registry Services / CORE Registry Software

- TANGO Registry Services (Knipp Medien und Kommunikation GmbH)
 - Backend Operator for TLDs, including own anycast DNS service ironDNS
 - Brand TLDs (e.g., .sap)
 - GeoTLDs (e.g., .bayern)
 - Generic TLDs (e.g., .whoswho)
- CORE Registry Software (CORE Association)
 - Registry for IDN TLDs (e.g., .онлайн, .بازار)
 - Backend Operator for TLDs, also using ironDNS
 - Brand TLDs (e.g., .mango)
 - GeoTLDs (e.g., .cat, .swiss)
 - Generic TLDs (e.g., .sport)

CDS/CDNSKEY Support

- TANGO Registry Services (Knipp Medien und Kommunikation GmbH)

.whoswho

- CORE Registry Software (CORE Association)

.swiss

CDNSKEY vs CDS

- Due to IDN variant management, TANGO currently requires DNSKEY records.
- Consequently, only CDNSKEY records are considered.

Accept (Initialise DNSSEC)

- Two possibilities
 - Accept from Inception (CDNSKEY record must exist during domain registration)
 - Accept with Authenticated Signals from the Zone's Operator (according to draft-ietf-dnsop-dnssec-bootstrapping-03 via _dsboot)

Update/Deactivation

- According to RFC8078 and its predecessor RFC7344

Interaction with EPP

- Every change via CDNSKEY generates a Change Poll Message (RFC8590).
- Every change via EPP “freezes” SOA serial, i.e., CDNSKEYs are ignored until the zone’s SOA serial number is increased.
- CDNSKEY scanning is deactivated for domains
 - without name servers
 - with EPP state client/server updateProhibited.