



DNSSEC Status Flash for DE

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DNSSEC Workshop

ICANN58

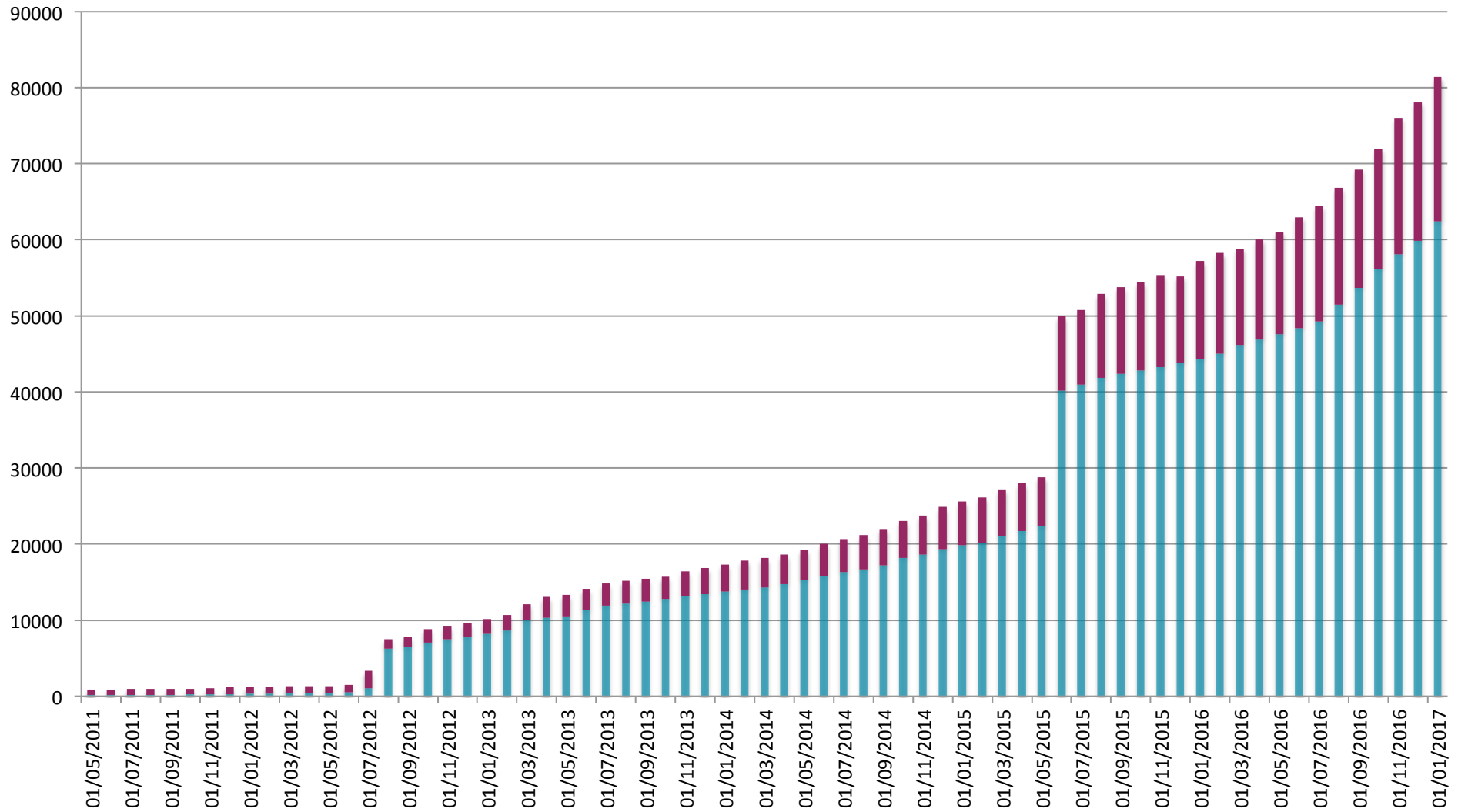
København, 2017-03-15



DNSSEC Cornerstones

- DNSSEC fully deployed for DE as of May 2011
- Based on registration of DNSKEY RR
 - Up to 5 keys
 - Validation check at registration time
 - DS RR generated by registry (alg 2 only)
- Operator change even easier than RFC 8063
 - not EPP based
- No accreditation/sign-up necessary for registrars

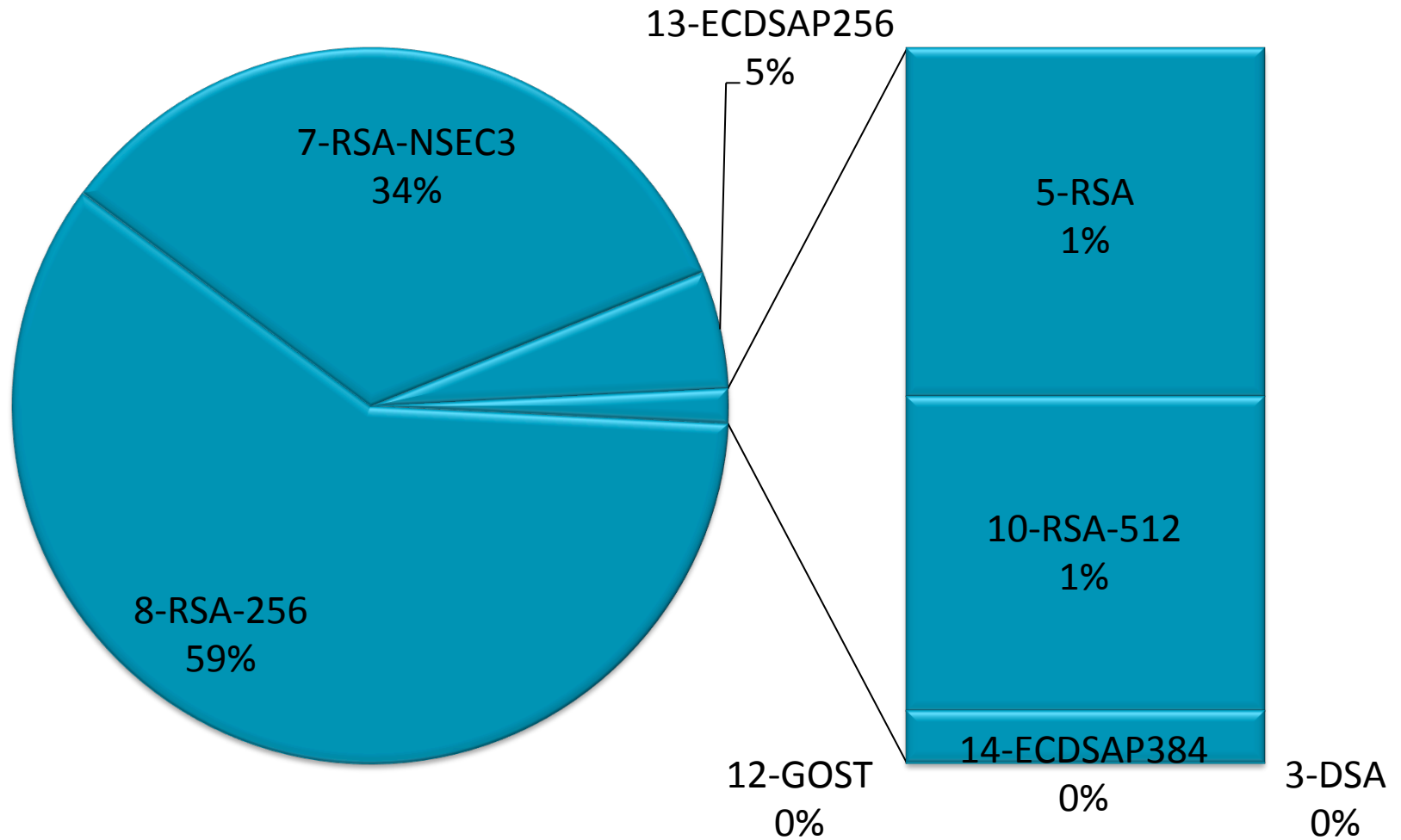
Signed Zones vs Zones with Registered Key(s)



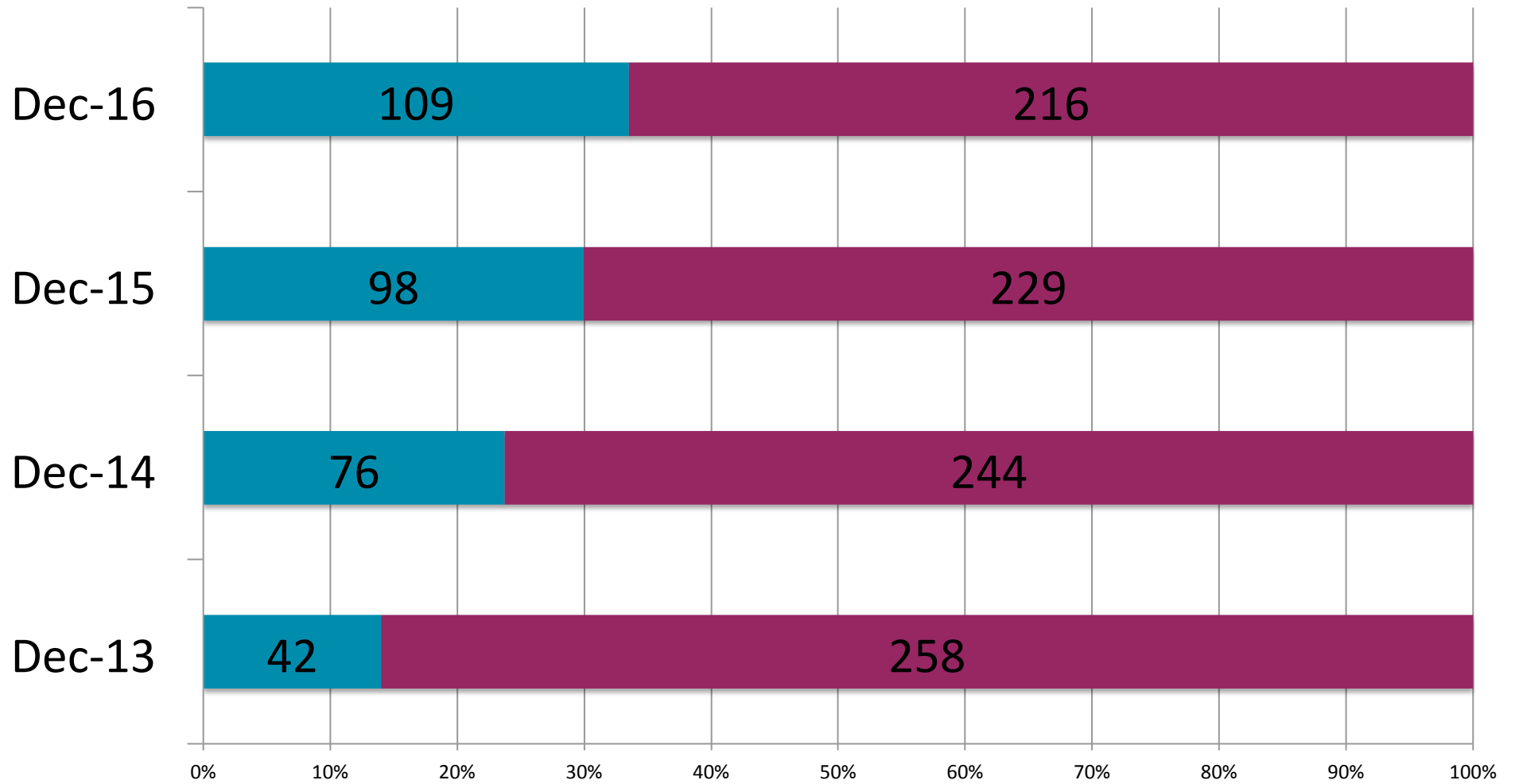
Latest Activities & Numbers

- Migration of HSM (KSK and ZSK)
 - SCA6000 -> Luna (gemalto)
 - implied KSK rollover (Aug 2016)
- 64,200 signed delegations (Feb 2017)
 - plus >230,000 domains with auth data in TLD zone
 - out of approx 16,200,000
- R'ar driven deployment, still with KSK/ZSK split

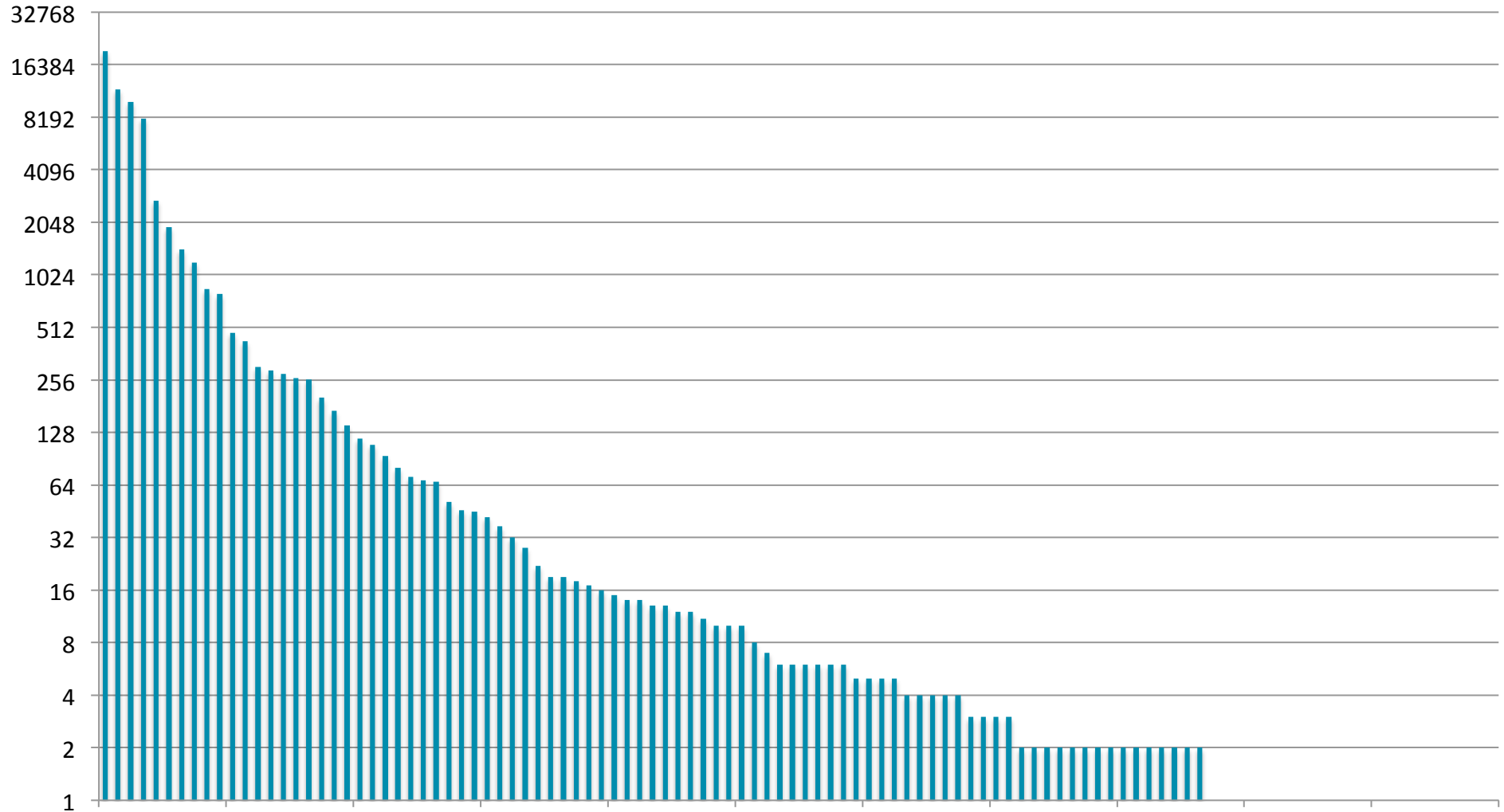
DNSKEY Algorithms supported and used



DNSSEC Support by Registrars



Signed Delegations per Registrar (March 2017)



DANKE !

FRAGEN ?

KONTAKT

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