

# DNSSEC.CZ

CZ.NIC - <http://www.nic.cz>

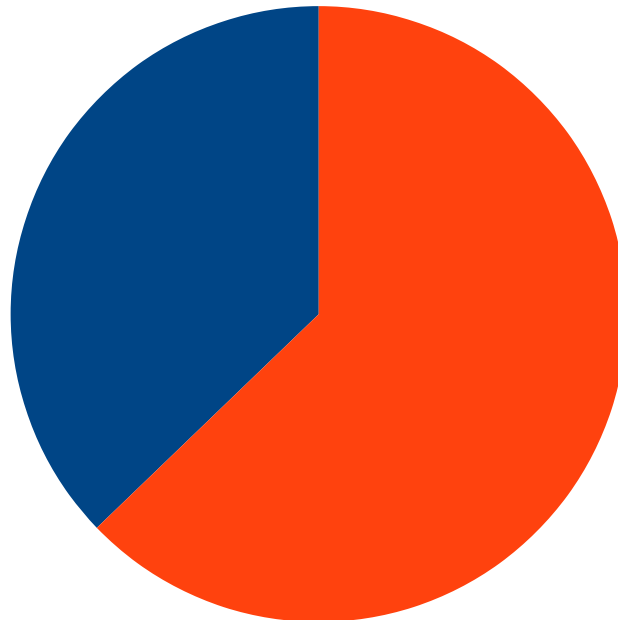
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# DNSSEC penetration



- About 37,2% domains is signed
- That means ~ **367.000** domains! (of ~ 987.000)
- Check numbers at <http://www.nic.cz>



# What hasn't worked



(Or at least has worked worse than expected)

- Huge end user oriented marketing campaigns – but if it is done smart way... - use simple words like “secure domain” etc.
- Too technical tools – Open DNSSEC Validating Resolvers (ODVR)
- DNSSEC hardware tester – End user validation testing



# What has worked

(Or at least we believe so)

- Incentives for registrars – technical (DNSKEY vs DS), economical (co-marketing programme)
- Direct communication with registrars, ISPs, and Government – support (broken domains)
- Open source supporting tools – Firefox, Chrome/IE DNSSEC add-on; DNSSEC HTML Widget – check <http://labs.nic.cz>
- Long term PR
- DANE (?) - SSL certificates in DNS

# Current situation



- 37,2% of all Czech domains - growing
- All major registrars (with 90% of market share) support DNSSEC – many of them by sign default
- Many major ISPs validate (2 of 3 cell phone operators – Telefonica and Vodafone; majority of B2B; major xDSL provider
- Many important sites signed
- DNSSEC in government strategy draft – Digital Czech 2.0

# Thank you!



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<http://www.dnssec.cz>