



# Deployment of DNSSEC in e164.arpa

Andrei Robachevsky  
CTO  
RIPE NCC



# History

- Technical administration of the e164.arpa zone since 2002
  - Tier-0 ENUM registry
  - Following the IAB instructions <http://www.ripe.net/enum/instructions.html>
- Deployment of DNSSEC in the DNS we administer, end of 2005
  - RIPE NCC zones, reverse delegations for IPv4 and IPv6
  - 50+ zones signed, xx secure delegations
  - Mature infrastructure, operational and key maintenance procedures
- Next step - e164.arpa
  - Informed the IAB (June 2007)
  - The IAB informed the ITU
  - The IAB endorsed the RIPE NCC proposal
  - Details in the correspondence  
<http://www.iab.org/documents/correspondence/>



# The plan

- Same operational and key maintenance procedures
- Sign the zone 26 November 2007
  - Publish the KSK
  - Key rollover twice a year
- Accept secure delegations (DS records) 25 March 2008
  - Provisioning system already supports this
- The plan was announced on 27 September 2007
  - ENUM-WG, DNS-WG

# Questions?

