DNSSEC status

16 March 2011, San Francisco, ccNSO meeting, ICANN
Short history of DNSSEC

- 2005 – first TLD signed - .se
- 2006 - .pr
- 2007 - .bg, .br
- 2008 - .cz, .museum
- 2009 - .gov, .th, .org, .na, .ch/.li, .nu, .lk, .tm
- 2010 - .pt, .uk (not co.uk), .eu
- 2010 Jul 15 – root zone signed
- ....
Deployment levels vary

- Status unknown (red)
- TLD zone signed (yellow)
- DS records put into root zone (green)
- Registry accepts DS records for friends and family – testing
- Registry accepts all DS records – full deployment
Status – ccTLD - Europe
Status – ccTLD - Africa
Status – ccTLD – Asia-Pacific
Status – ccTLD – Americas
Current status - gTLD

- Signed gTLDs:
  - .arpa
  - .biz
  - .edu
  - .gov
  - .info
  - .museum
  - .net
  - .org
- .com signed but not in root zone
Penetration

- Low percentage of penetration in majority of signed domains
- One exception – cz. - 15% (118,000 of 781,000)
- Number are increasing