



DNSSEC Plans - .INFO Registry & .ORG Update

ICANN DNSSEC Panel

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GLOBAL REGISTRY SERVICES

Technical Issues Under Review

Tree walking

- Zone access today is governed under an acceptable use agreement
- Legal/policy evaluation on what it takes to get to “acceptable use” limitations on tree walkers
- Key rollover
 - Closely observing plans of other registries (.BR, .SE, etc)

Business – Policy Issues Under Review

- Pricing
 - Review of whether registry should charge a fee for DNSSEC names within a zone on a per-name basis
 - Current thought process is to not charge a fee
- Multiple signature storage
 - Registry could receive multiple signatures, with instructions to apply them in sequence as they expire
 - Implementation plans, fee (if any) under review
- Expired Signature zone removal
 - High-end security registrants may desire their names to go dark (removed from the zone) if the signature expires
 - Feasibility, implementation, fee (if any) under review
- Registrar and/or Registrant Signature Expiration Notification
 - Should registrar and/or registrant be notified if their signature is about to expire?
 - What is an acceptable way of notification that does not prompt edge-security leaks?
 - Is this a registry function, or a registry-then-registrar function?
 - Fees?

2005 Plans

● INFO

- Launch testbed
- Observe other registry implementations
- Work with community on standardizing EPP-DNSSEC extensions

● ORG

- DNSSEC Committee formed, under leadership of Barbara Fraser
- DNSSEC deployment a strategic goal for PIR
- Testbed launch in 2005