



The TLD Specialists



DNSSEC in .au

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AusRegistry

- Located in Melbourne, Australia
 - Involved in Domain Name Industry since 1999
 - ICANN Accredited Registrar since 2000
 - .au Registry Operator since 2002
- Domain Name Registry Services
 - Registry Systems and Software Provider
 - Consultancy Services
 - Our software and consultancy services have been used by several other TLDs including some IDN enabled ccTLDs

DNSSEC for Domain Name Registries

- Can be broken into two parts:
 - DNSSEC signing your zone(s)
 - Enabling Registrants to publish DS records in the zone(s)
- Proceeding independently of each other
- Both are required, to have a fully functional, useful implementation of DNSSEC in .au

Current Work

DNSSEC signing the .au, and the 2LD zones

- Experimentation & Research
- Key management
 - Tools
 - HSMs
- Key rollover policies
- Dynamic updating

Enabling Registrants to publish DS records in the 2LD zone files

- Experimentation & Research
- IETF EPP DNSSEC Extensions
- Registry Portal
- Registrar Toolkits
- Sending DS records in dynamic updates

Next Steps

Plan from here...

- Complete research into HSMs
- Sign off from auDA on management policies
- Registrar education campaign(s)
- Government and ISP campaign(s)
- Public Education campaign(s)
- Publish signed version of zones on alternative servers (Q3 - 2009)
- Go-Live (Q4 - 2009)

Quick Demo



The TLD Specialists

.who

오렌지

.where

.why

.fonts

.light

.pet

.when

.what

.which

.art

.cars

廚房

.time

.fox

.libri

पुस्तक

que

.jeans

.gion

.jewellery

ευθερία

.circus

.opera

.books
.gymnastics

.balance

.sports

.apple

mascher

.eyes

.organisation

.ausregistry

.paper

.parfum

.money

.property

.auto

mascher

.card

.how

.stationery

.beds

.stationery

.buy

.lawyer

.clothes

.trivia

.hat

.chiropractor

.auteur

.stationery

.stationery

.lawyer

.time

.clothes

.trivia

.chiropractor

.piano

.dog

.dog

.dog

.dog

.band

.win

.pap

.dance

.sell

.sell

.sell

.sell

.shoes

.shoes

.pap

.tortas

