



For confidence, click here.

Verisign DNSSEC Signing Service

DNSSEC Automation Panel

ICANN53 DNSSEC Workshop

DNSSEC Signing Service

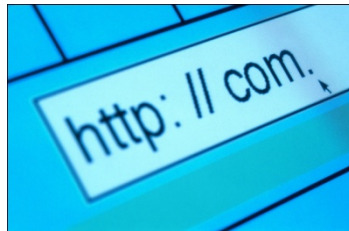
- Converts unsigned zones into signed zones
 - “Bump in the wire” architecture
 - Verisign signs the zone and the customer hosts it
- Requires no manual effort after setup
 - ...and setup takes minutes, not days
- Provides:
 - Entire zone signing
 - Key rollover management
 - Notifications of significant zone-signing events
 - 99.9% uptime
 - Tight SLAs for signing after zone updates
 - No sharing of keys between zones

DNSSEC Signing Service



Registrant

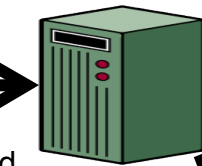
Register Domain
DNSSEC



**Registrar
Web Site**

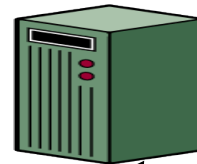
Enable
Signing

Create
Unsigned
Zone



**Unsigned
Zone
Master**

**Signed
Zone
Master**



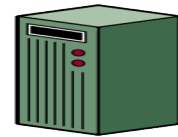
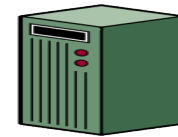
Publish
Signed
Zone

Signed Zone
Update

**Verisign DNSSEC
Signing Service**

Publish Unsigned Zone

**Public
DNS**



Why Does This Matter?

- DNSSEC is perceived as “too difficult”
- Signing and quarterly rollover are unfamiliar to most DNS administrators, and unlike most DNS, signing is not fire-and-forget
 - ...DNS fails if the rollovers fail
- As DANE comes along, more important than ever to make it easy, and also lessen this perception
- The signing service allows registrants to add DNSSEC while grappling with little that is unfamiliar. Set up slaves and AXFR - once
 - Verisign takes over from there and keeps the zone signed
- Change DNSSEC from “too difficult” to easy enough, easier than expected

DNSSEC Signing Service

- We'd love to see more registrars take advantage of Verisign's FREE DNSSEC signing service
- Write to info@verisign-grs.com for more information
- DPS at
<http://www.verisigninc.com/assets/dps-dnssec-v1.3.pdf>