

.br dnssec implementation

SLD Safe Havens

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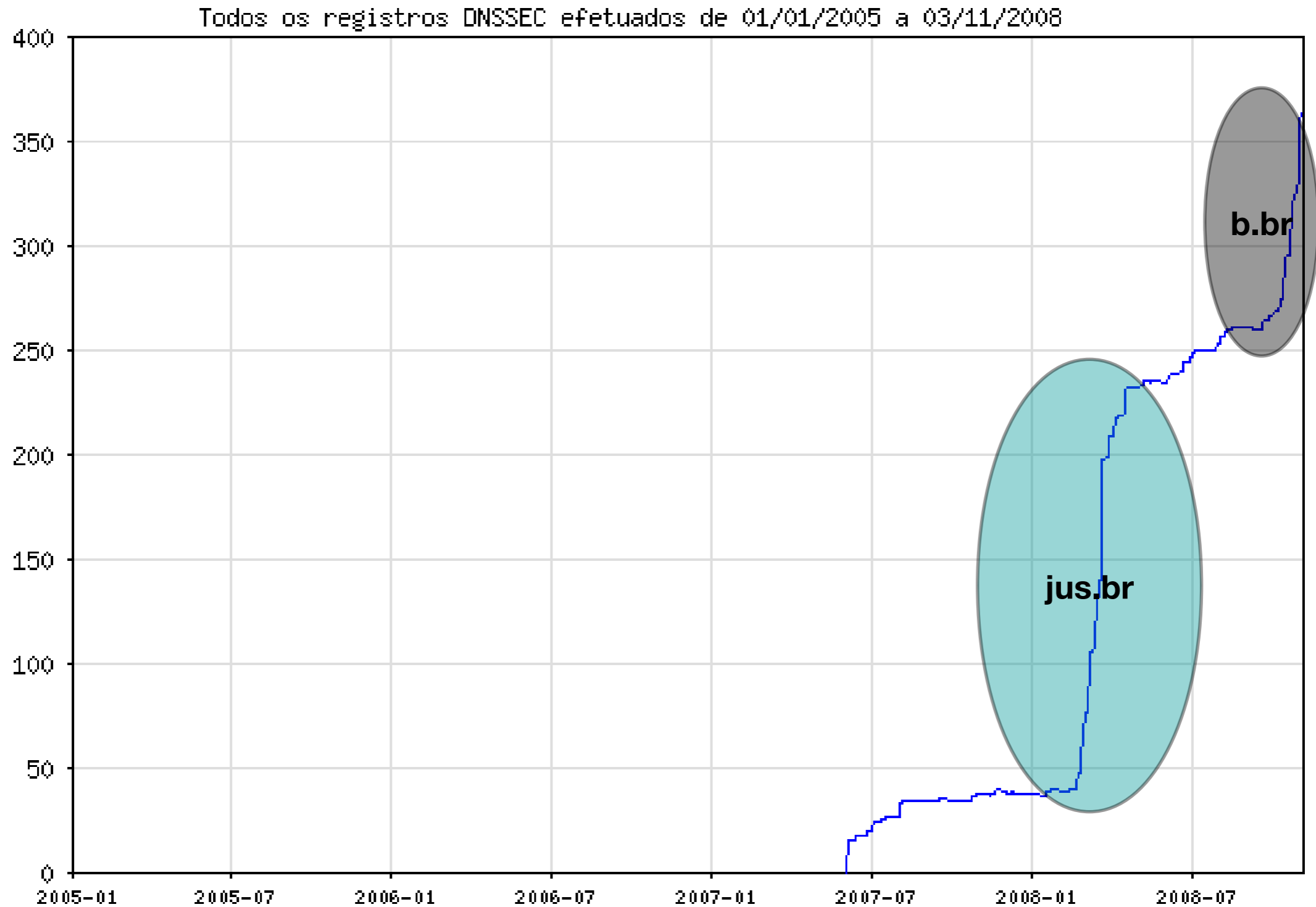
Availability

- Beginning - 2007/06/04 within 5 small zones
 - .br
 - blog.br
 - eng.br
 - eti.br
 - gov.br
- Today available in almost all SLD
- <http://registro.br/info/dpn.html>
- .br KSK info
- <http://registro.br/ksk/>

Strategy of deployment - SLD safe havens

- Strategy to deploy DNSSEC as mandatory to new chartered SLDs for special/critical applications
 - The Judiciary (JUS.BR)
 - oct/2007
 - Banks (B.BR)
 - sep/2008
- Fostering the adoption of validating caching resolvers among ISPs because of the direct perceived gain and paving the way for the next deployment steps

Growth - <http://registro.br/stat/dnssec.html>



jus.br

```
domain:          stf.jus.br
owner:           SUPREMO TRIBUNAL FEDERAL
ownerid:         000.531.640/0001-28
responsible:    Erick Dantas Rotole
address:         Praca dos Tres Poderes - Anexo I, 000, Sala 107
address:         70175-900 - Brasilia - DF
country:        BR
phone:           (61) 32173480 []
owner-c:         EDR194
admin-c:         EDR194
tech-c:          EDR194
billing-c:       EDR194
nserver:         londrina.stf.jus.br 201.41.100.168
nsstat:          20081104 AA
nslastaa:        20081104
nserver:         corona.stf.jus.br 201.41.100.145
nsstat:          20081104 AA
nslastaa:        20081104
dsrecord:        63019 RSA/SHA-1 B7024B13BDC52714E680642A9357A12D62322A21
dsstatus:        20081104 DSOK
dslastok:        20081104
created:         20071015 #3991825
changed:         20080402
status:          published
```

b.br

```
domain:      bradesco.b.br
owner:       BANCO BRADESCO SA - MATRIZ
ownerid:     060.746.948/0001-12
responsible: Cristiano Bezerra dos Santos
address:     Cidade de Deus, SN, Vila Yara
address:     06029-900 - Osasco - SP
country:     BR
phone:       (11) 36848407 []
owner-c:     CBDSA
admin-c:     CBDSA
tech-c:      JRH16
billing-c:   DORZE
nserver:     ns001.bradesco.com.br
nsstat:      20081104 AA
nslastaa:    20081104
nserver:     ns004.bradesco.com.br
nsstat:      20081104 AA
nslastaa:    20081104
dsrecord:    37843 RSA/SHA-1 AC2F59FCFDB9125B6C0389F0133A1CC3DCAB4BF5
dsstatus:    20081104 DSOK
dslastok:    20081104
created:     20080919 #4878714
expires:     20090919
changed:     20080930
status:      published
```

Next Steps

- .com.br and .org.br
 - biggest .br zones representing 95% of all .br delegations
 - optional DS
- When
 - As soon as BIND 9.6 ships with NSEC3 support
 - Planned for 1q/2009
- NSEC3 testbed currently running at sec3.br zone
 - More information available at:
 - <http://www.iepg.org/2008-03-iepg71/br-nsec3.pdf>

Questions ?

- Thanks !