



RIPE NCC ENUM Update

Anand Buddhdev
DNS Services Manager



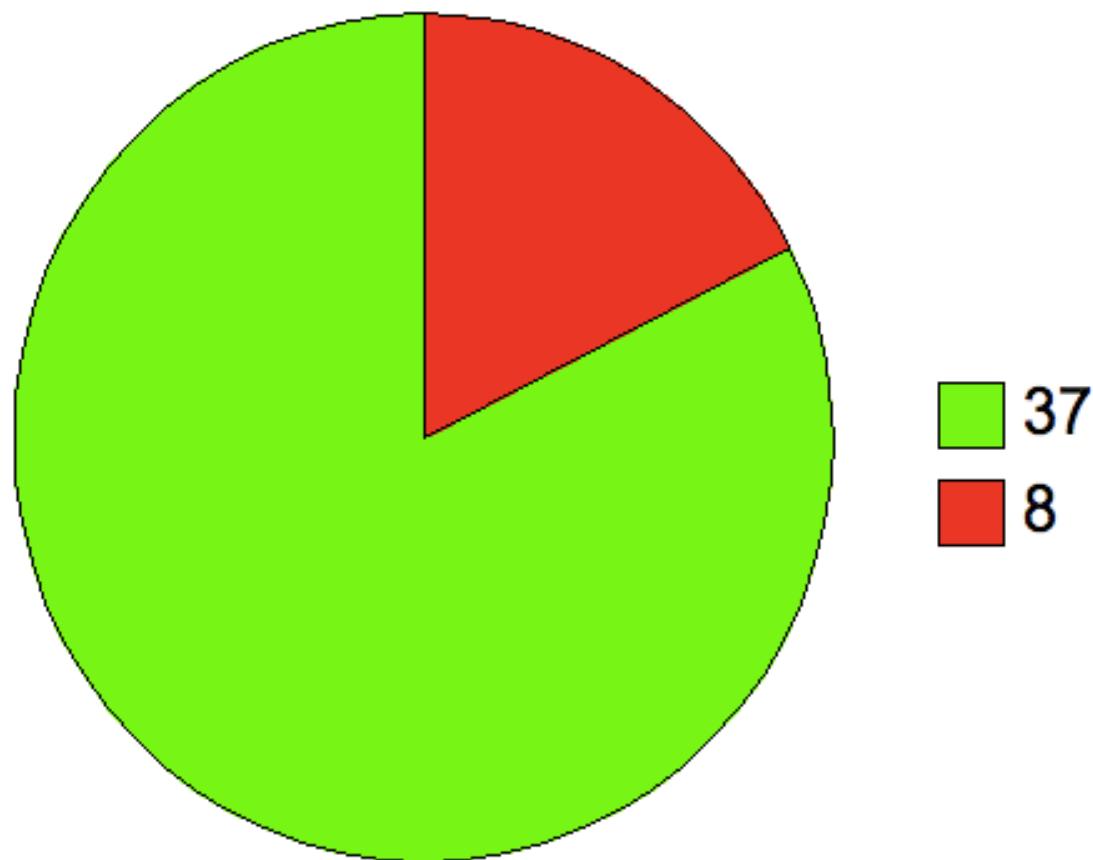
Stable Operations

- RIPE NCC has maintained stable operations for the ENUM zone since 2002
- Zone signed on 26 November 2007
- Secure delegations accepted since 25 March 2008
- **NO changes in delegations since RIPE 56**
- **Currently 45 delegations, of which 2 are secure**



Lameness in the ENUM zone

- Data extracted from the lameness project
- 8 zones have at least one lame server



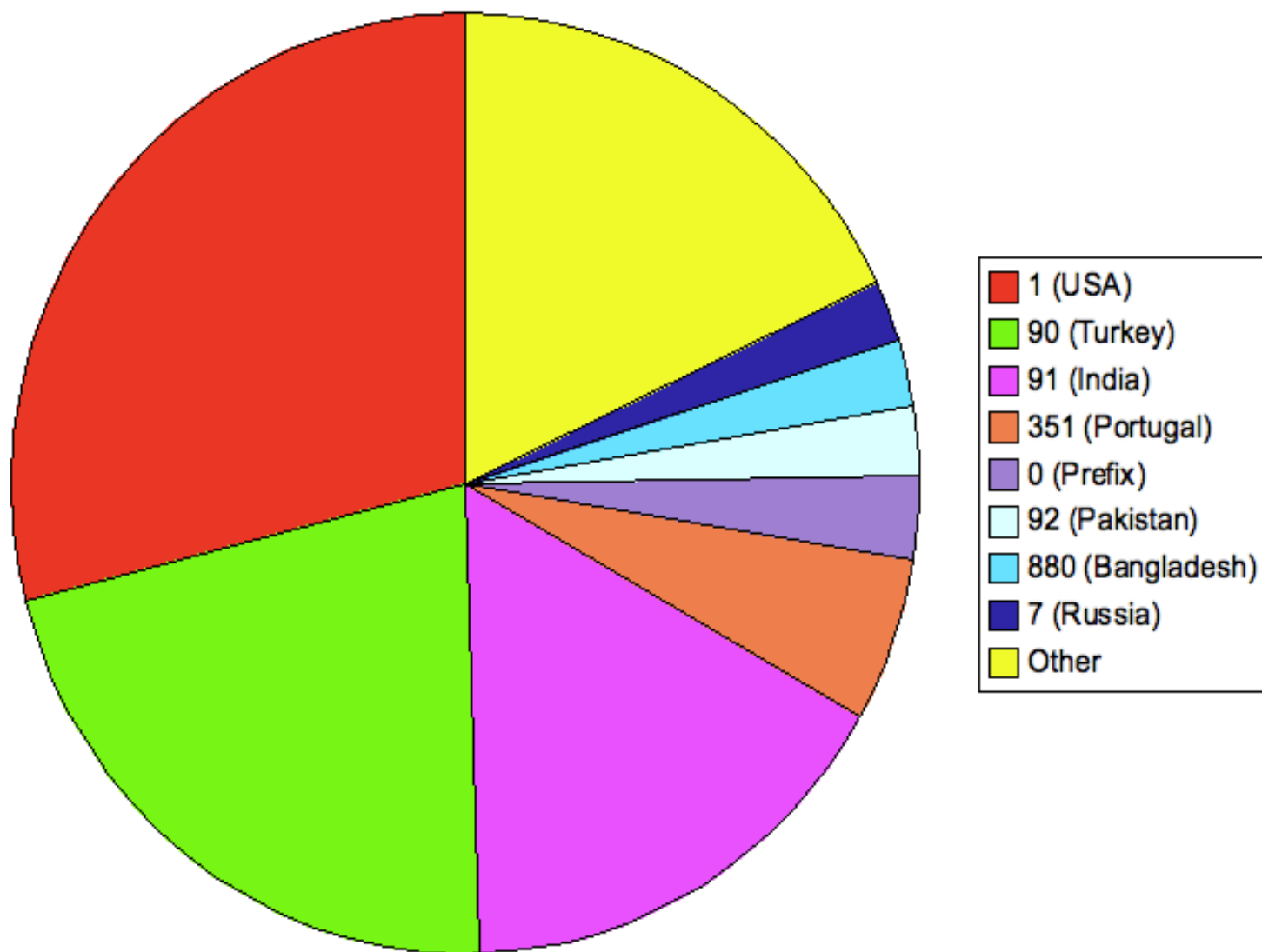


Undelegated country code queries

- Data captured between 8 and 21 October 2008
- Tools:
 - dnscap -e x -x *.e164.arpa
 - dnstop
- The top few include USA, Turkey, India and Portugal
- USA (1.e164.arpa) was previously delegated, but removed in February 2008



Undelegated country code queries





DNSMON Enhancements

- Improved stability
- IPv6 support
- Single sign-on
- More probe locations (Australia, Russia, Brazil)
- Real-time alarms (packet loss, response time)
- Monitoring for tier-1 ENUM domains
 - New ENUM category: €500 per year
 - Contact dnsmon-sales@ripe.net



Questions?

