# DNS @ IANA
## Istanbul, Turkey
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# Overview

- What IANA Does (and Doesn't) Do
- Root Zone Management
- .ARPA and .INT
- Internationalized Domain Names
- Other Stuff

# A Quote

"Why are you here?  RIPE doesn't do DNS."
-- RIPE-NCC Luminary

# DNS @ IANA

- What IANA Does and Doesn't Do
  - IANA administers the root zone
    - But we don't edit or publish it (Verisign does)
  - IANA is the registry for .INT and .ARPA
    - But we don't run the name servers (ICANN does)
  - In theory, "coordinates root name servers"
    - See "Herding Cats"
    - IANA doesn't run "L" (ICANN does)
- We also have a small roll in DNS protocol specs
  - Assigning DNS protocol parameters (e.g., RR types, etc.)

# Root Zone Management
## Requests/Month

# .INT Requests
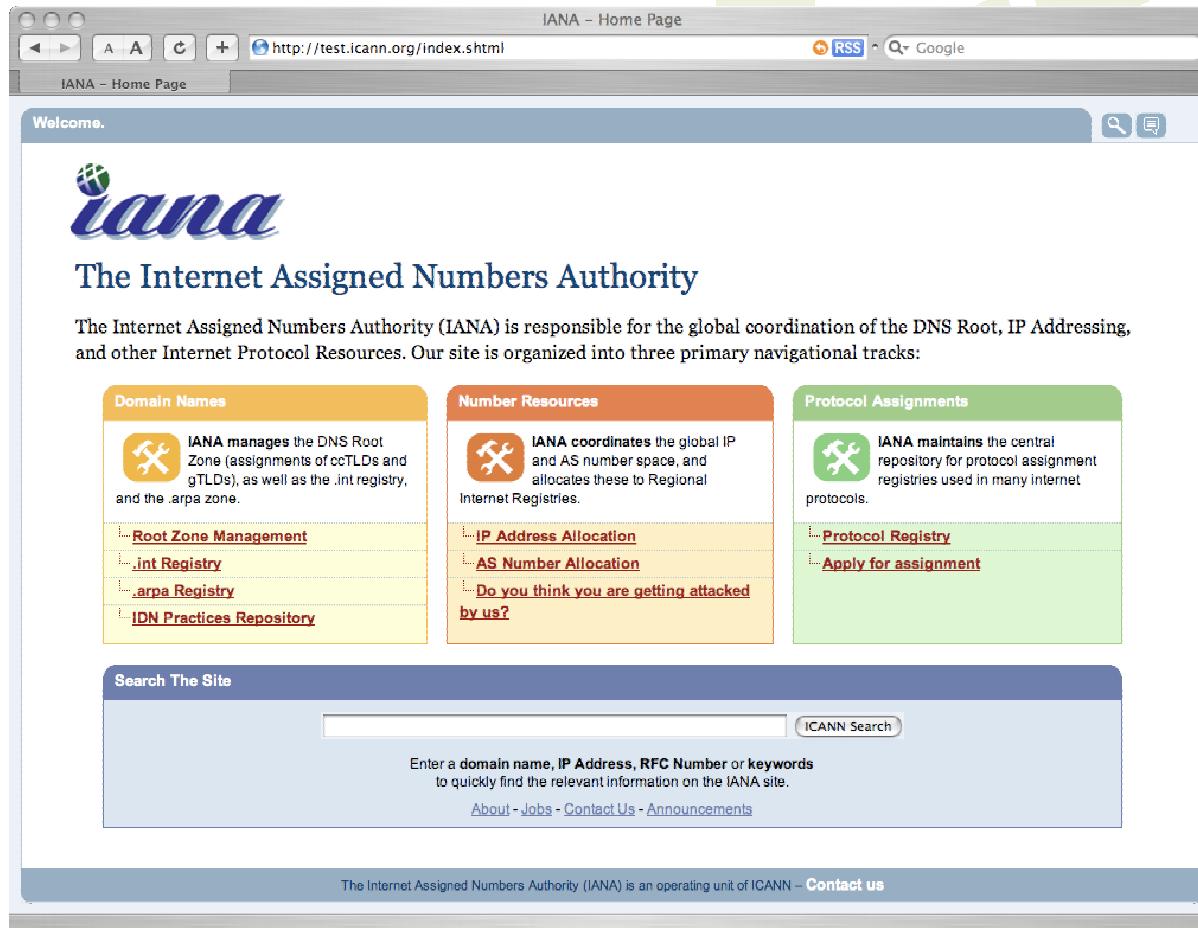## Requests/Month

# .ARPA Requests

- IANA .ARPA on behalf of the IAB
  - Acts as registry for .ARPA, ip6.arpa, urn.arpa, and a couple of others
- No interesting statistics
- IANA will be moving .ARPA (and select sub-zones) management to an automated system

# International Domain Names

- IANA is (or will be) involved in IDN at the root
  - Current plans are:
    - April, 2006: Project plan released for public review
    - May, 2006: Public comment period
    - June, 2006: Plan submitted to ICANN Board/US DoC
    - July, 2006: Applications for participation in public technical test accepted
- Technical test will likely include
  - Test-specific TLD(s)
  - Use of NS RRs and DNAME RRs

# <u>Draft</u> Proposed IANA Home Page

## http://test.iana.org

# Questions?