DNS Bake-Off
Los Angeles, ICANN - 51

Canadian Internet Registration Authority (CIRA)
Jacques Latour
Session Objectives

• Name Server Invited:
  – KnotDNS, NSD, Yadifa, Bind, Nominum, PowerDNS, Microsoft

• Talk focused on;
  – Authoritative name servers
  – Relevant to small and large ccTLD and gTLD operators
  – Present on latest development initiatives, why?
  – Performance vs. functionality, what is important?
  – New feature decision process;
  – Independent performance measurement?
Independent Performance/Compliance Management

- How much work should we put in developing a community based vendor-neutral platform?

- Should we develop a framework to test the test platforms in addition of DNS server implementations?

- Should we develop a community-driven description and discussion of how a performance/compliance test should look and operate.
  - How sophisticated should the workload be?
  - What are the important compliance aspects to test?
  - What are the important performance metrics to meet?

- And from there, how can we as an industry develop some proper vendor neutral testing software?

Thanks Duane for the input!

DNS Implementer presentations
Independent Performance/Compliance Management

(with time remaining)

• Panel:
  – Question:
    • Should we focus on compliance or performance?
    • Can performance be a compliance requirement?