DNS Bake-Off
Los Angeles, ICANN - 51

Canadian Internet Registration Authority (CIRA)

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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?

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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?

<u>Thanks Duane for the input!</u>

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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?

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