







Root Scaling Study

- Requested by ICANN Board
- Study team assembled early May 2009
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- Announcement and public comments
 - http://www.icann.org/en/public-comment/#root-scaling
- Draft report 31 August 2009
 - public review and comment prior to ICANN annual meeting in late October 2009

How will root zone expansion affect the operation of the root server system?

- Model-based analysis of root zone scaling issues
 - Compile a description of the complete root server system
 - Provisioning side (update) and query side (lookup)
 - Technical infrastructure and operational procedures
 - Model the relationships among different parts of the system
 - · How does changing something in one part affect each other part?
 - Goal is quantitative model (as timeframe of study allows)
- Factual/analytical tool for resolving concerns about root server system security and stability as the root grows





