ICN: Evaluation Methodology
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Draft Goals

• ICN experimental and evaluation methodology (tools, metrics) develops alongside ICN architectures
  – Survey currently-available evaluation tools
  – Document the current corpus of performance metrics

• Provide suggestions regarding methodology and metrics
  – Same goal with “scenarios”, i.e. equal ground for comparison
  – No established evaluation methodology
  – For example, we do not have real-world deployments to obtain representative traffic traces

• Discuss ICN Security Aspects with respect to system evaluation
IETF 87: Split and Adopt

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Information-centric Networking: Evaluation Methodology
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This document surveys the evaluation tools currently available to
researchers in the information-centric networking (ICN) area and
provides suggestions regarding methodology and metrics. Finally,
this document sheds some light on the impact of ICN on network
security.
Draft Updates since IETF 87

• Editorial
  – Repositioning the draft after the split, and
  – Consistency checks
Next Steps

• The point of the document split was to put more effort on developing the evaluation methodology part
• Consider IPPM metrics for ICN and, if needed, define new metrics suitable for ICN
• We expect to advance the draft in the months till IETF 89, aiming for 2 releases in this period

Please contribute
Thank You