

ICN BOF Discussion

ICNRG @ IETF-96

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ICN WG BOF Discussion

- There seems to be interest to move ICN closer to deployment
- There was a proposal for an ICN WG BOF for IETF-96
 - Not approved, several reasons
 - Questions on maturity, scope, level of consensus, security, IPR concerns, etc.
- This meeting today:
 - Discuss about the goal and possible next steps
 - Clarification: this is a general community discussion – not an ICNRG activity
 - But we want to facilitate it by sponsoring the time time slot

Level of Consensus

- So far, we have been working with the CCNx specs as RG documents
 - ICNRG ownership of change control
 - Technical discussion in phone meetings between ICNRG meetings
 - Not excluding additional proposals for protocol specs
 - but there have not been contributions so far
- Concern: Not a healthy signal for ICN if we keep developing two different, incompatible sets of specs (CCNx and NDN)
- Idea: Start collaborative effort to overcome this

Convergence Effort

- CCNx and NDN teams had first discussions
- Proposal for moving on:
 - Understand and document current differences
 - Not only syntax and mechanisms – also semantics and motivation for design decisions
 - Try to resolve differences – goals:
 - One set of specifications
 - Sufficient evolvability for new ideas in the future
- Intended outcome
 - Set of (Experimental) RFCs that represent community consensus on one combined NDN/CCNx design
 - Basis for more experiments and potentially deployment in selected scenarios

Thoughts on the Process

- Documenting differences would be a good ICNRG activity
 - Could kick-off a focused team that frequently reports to and collects feedback from ICNRG
- Specification effort – two options:
 - Done in ICNRG as analysis of differences becomes solid
 - Propose WG BOF on this
 - Should be based on a good understanding of scope, applicability