

ICNRG@IETF93

Prague

Information-Centric Networking Research Group
Monday, July 20, 2015

Chairs' Slides

Dirk Kutscher
Börje Ohlman
Dave Oran

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ICNRG Administrativa

- IRTF RG on Information-Centric Networking
- Mailing list: icnrg@irtf.org
- Web: <http://irtf.org/icnrg>
- Wiki: <http://trac.tools.ietf.org/group/irtf/trac/wiki/icnrg>
- Chairs
 - Dirk Kutscher (NEC Laboratories Europe)
 - Börje Ohlman (Ericsson Research)
 - Dave Oran (Cisco Systems)
- This meeting
 - **Note taker: Laura THANKS!!!**
 - MeetEcho
 - Etherpad: <https://neclab.titanpad.com/ICNRG-IETF93>

ICNRG Monday Agenda

- 09:00 **Welcome, Agenda Bashing, Minutes taker, Status** [Chairs] -- 10 min
- 09:10 **Report from ICNRG interim meeting on Sunday** -- 10 min
- 09:20 **Towards ICN-based data-locality in HPC** - Michael Alexander -- 15 min
- 09:35 **IP services over an ICN (over SDN)** -- Dirk Trossen -- 15 min
- 09:50 **Presentation of results from [NetInf](#) field trial** at the Ski World Cup in Falun - Börje Ohlman -- 15 min
- 10:05 **Interest-Notification** - Ravi Ravindran -- 15 min
- 10:20 **Update on PARC IPR disclosure** --10 min
- 10:30 **CCNx Semantics document** (WG update) - Marc Mosko / Nacho -- 15 min
- 10:45 **CCNx Format document** (WG update) - Marc Mosko / Nacho -- 15 min
- 11:00 **Using ICN in desaster scenarios** -- Jan Seedorf -- 15 min
- 11:10 **ICN and 5G discussion** in the light of ITU-T and 3GPP initiatives on this -- 15 min
- 11:25 **Wrap up, Next meetings**

Documents Update 1/2

- **ICN Baseline Scenarios**

- Published as RFC 7476: “ Information-Centric Networking: Baseline Scenarios”

- **ICN Research Challenges**

- <https://tools.ietf.org/html/draft-irtf-icnrg-challenges-01>
- no changes after Dallas
- had some discussion on Dallas comments
- authors think this is ready
- next steps: final review after IETF-93 and then publish

- **Evaluation Methodology**

- <https://tools.ietf.org/html/draft-irtf-icnrg-evaluation-methodology-02>
- submitted on July 6
- ready for RG review?

- **Video**

- <https://tools.ietf.org/html/draft-irtf-icnrg-videostreaming-03>
- Dallas status:
 - Had RG review (thanks to Marie-Jose and Niall Murray)
 - authors working on update

Documents Update 2/2

- IoT

- <https://tools.ietf.org/html/draft-zhang-iot-icn-challenges-01>
 - new revision December 24
 - reworked Naming and Name Resolution, Security & Privacy text
 - Update presentation yesterday
- <https://tools.ietf.org/html/draft-zhang-iot-icn-architecture-01>
 - Update presentation yesterday
- <https://tools.ietf.org/html/draft-lindgren-icnrg-efficientiot-02>
 - Update presentation yesterday
 - Data naming in streams of immutable data
- Try to converge on this and aim for publication?

Report from ICNRG Interim, July 19

- Full day meeting in Prague prior to IETF
- Topics
 - Name resolution
 - Packet format, fragmentation, link negotiation, etc.
 - ICN & IoT
 - Congestion
 - Privacy
 - Project presentations
- see [Wiki](#) for material and minutes

Wrap up

- Next Meeting
 - ICNRG Interim meeting in conjunction with ICN-2015, San Fransisco, Saturday October 3, 2015
 - at IETF-94, Yokohama, Japan, November 1-6, 2015
 - Interim in Yokohama?
- Other Events
 - NDN Community Meeting (NDNcomm) 2015 will be held at UCLA September 28-29 (with NDN Hackathon on September 27)
 - ACM ICN 2015, Sep 30 -- Oct 2, San Francisco
- Other business?