

Network Coding Research Group (NWCRG)

Introduction

IETF 92

Dallas, Texas

IPR Notewell

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Agenda

- *Dynamic Network Coding, policy-based NC, coded transport for many-to-many video streaming* - Marie-Jose Monpetit, Vincent Roca, Jonathan Detchart – 15 Min
 - <http://www.ietf.org/internet-drafts/draft-montpetit-dynamic-nc-00.txt>
- *IPR around Network Coding* - Vincent Roca – 15 min
- *Update on Impact of Virtualization and SDN on Emerging Network Coding* - Bhumip Khasnabish, Senthil Sivakumar, Evangelos Haleplidis, and Cedric Adjih – 15 min
 - <http://datatracker.ietf.org/doc/draft-khasnabish-nwcr-g-impact-of-vir-and-sdn/>
- *Distributed Wireless Broadcast Protocols with Network Coding for Single/Multiple Sources* - Cedric Adjih, Ichrak Amdouni, Oliver Hahm (Inria), Claudio Greco, Michel Kieffer (CentraleSupélec) – 15 min
 - <http://www.ietf.org/archive/id/draft-amdouni-nwcr-g-cisew-00.txt>
- *Combining TCP with coding in wireless network* - Jinzhu Wang – 10 min
 - <http://www.ietf.org/internet-drafts/draft-wang-tsvwg-tcp-coding-00.txt>
- *Latest Advancements and Use Cases for Network Coding* - Morten Pedersen and Frank Fitzek – 25 min
 - - NC for software defined networks (SDN)
 - - Reliable Synchronous Multicast with NC (and NORM)
 - - RLNC for Storage and Cloud Solutions
- *Updates about our (patent free) on-the-fly network coding protocol draft* - Jonathan Detchart – 15 min
 - <https://tools.ietf.org/html/draft-detchart-nwcr-g-tetrys-01>
- *Network Coding Architecture, Building Blocks and Signaling* - Group discussion – 30 min
 - Inputs to NC architecture - Vincent Roca, Marie-José Montpetit, Jonathan Detchart.
 - Network Coding Architecture and Building Blocks - Victor Firoiu, Brian Adamson, with inputs from Cedric Adjih, Jonathan Detchart, Marie-Jose Monpetit, Morten Pedersen, Vincent Roca.

Jabber room: nwcr-g@jabber.ietf.org