

NWCRG Sept. 25th 2018 Interim Meeting Agenda

Marie-Jose and Vincent, agenda version 1

Practical details:

Fully virtual meeting. Josu Bilbao (Ikerlan) will provide Webex support (details to be provided). Thanks!

Start time: 8:30 am EST/Boston time (i.e., 2:30pm Paris time)

Estimated duration: 2h20 (to be updated to reflect the agenda construction)

Goal of the Interim: get feedback, discuss freely beyond agenda items, make new ideas emerge. The agenda below can be updated when starting the meeting, according to the participants suggestions.

1 New work items for the group

1.1 IETF103 Hackathon (20')

(Vincent) Goals and set up of the hackathon. This item is in fact closely related to the Generic FEC API I-D.

1.2 FEC and NC performance evaluation (20')

(Vincent) Idea is to have a common benchmarking framework (cf. IETF102 meeting minutes). It may consider:

- Metrics
- Methodology
- Communication channels considered
- Tools

1.3 Facilitating FEC and Network Coding adoption (40')

1.3.1 FEC and NC for dummies

Goal is to give very simple hints on how FEC/NC may work and their potential. It follows IETF102 comment (see meeting minutes):

"99% of people using TCP don't know how it works but think the opposite. We need a "network coding for dummies" document. It's really important to have people think they understand how NC works for them to adopt the technology."

1.3.2 FEC/NC and Congestion Control

(Marie-Jose) Goal is to explain why FEC/NC can be CC friendly. An I-D that explains why would be appreciated. What can we do, what are the main arguments?

1.4 Additional topics (10')

(Marie-Jose)

2 Progress on existing I-Ds (10' or more depending on authors)

[<https://datatracker.ietf.org/rg/nwcrg/documents/>] Any news? Authors please...

- (RG-Item I-D) NC for CCN/NDN: requirements and challenges
- (RG-Item I-D) NC and satellites
- RLNC I-D (expired)
- Generic FEC API for sliding window codes. See Hackathon item.
- FEC for QUIC (the two I-Ds)
- New I-D to be submitted for IETF103: BATS code, something else?

3 About our NWCRG group

3.1 A Github repo for the group (20')

(Vincent) Another, more open manner to work together. [<https://github.com/irtf-nwcrg/>]

3.2 NWCRG milestones update (10')

[<https://datatracker.ietf.org/rg/nwcrg/about/>] (bottom of page).

Review and discuss them. NB: this discussion is preliminary, no definitive decision will be taken.

3.3 Something else?

4 Wrapup and actions for IETF 103, Bangkok (10')

(Chairs) <http://ietf.org/how/meetings/103/>
