

NWCRCG milestones update

<https://datatracker.ietf.org/rg/nwcrg/about/>

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Current milestones

dates for “RG Last Call passed” status

- 8- Mar. 2019 Draft: NC and robust tunnelling (MJM/DC/VR and others) (status: informational)
- 7- Nov. 2018 Draft: NC and ICN: an overview and associated research challenges (CW/HA) (status: informational)
- 6- Nov. 2018 Draft: NC and Congestion Control (MJM editor) (status: informational)
- 5- Nov. 2018 Draft: NC adoption challenges (VR/MJM) (status: informational)
- 4- Jul. 2018 Draft: Common coding API (VR editor, contributors ALL) (status: informational)
- 3- Jul. 2018 Draft: NC and satellite: an overview and associated research challenges (EL/NK) (status: informational)
- 2- Jul. 2018 Draft: NC and QUIC (MJM editor/IS) (status: informational)
- 1- Jul. 2018 Existing NC solutions (code + basic protocol if applicable) (status: informational) - 1 draft per solution: Draft: RLNC (who volunteers? VR can help), Draft: Tetrys (EL/JD) to update and adopt as RG item, Draft: DragonCast (CA) to update and adopt as RG item

Proposals for each milestone (TBD)

M1- Jul. 2018

Existing NC solutions (code + basic protocol if applicable) (status: informational) - 1 draft per solution: Draft: RLNC (who volunteers? VR can help), Draft: Tetrys (EL/JD) to update and adopt as RG item, Draft: DragonCast (CA) to update and adopt as RG item

- we are still waiting for inputs and several I-Ds
- BATS needs to be added
- proposal: discuss with respective champions and decide (abandon/re-schedule)

Proposals for each milestone (TBD)

M2- Jul. 2018

Draft: NC and QUIC (MJM editor/IS) (status: informational)

- more complex than expected since it encompasses specifications + codec/quic source code + experiments
- proposal: re-schedule for July 2019

Proposals for each milestone (TBD)

M3- Jul. 2018

Draft: NC and satellite: an overview and associated research challenges (EL/NK) (status: informational)

- we're almost done 😊
- proposal: Dec. 2018? Authors?

Proposals for each milestone (TBD)

M4- Jul. 2018

Draft: Common coding API (VR editor, contributors ALL) (status: informational)

- heavy dependence on Hackathon project that just begun
- proposal: re-schedule to July 2019

Proposals for each milestone (TBD)

M5- Nov. 2018

Draft: NC adoption challenges (VR/MJM) (status: informational)

- in practice challenges have been distributed in several documents rather than being centralized in a single one
- proposal: give up this milestone (but not the idea)

Proposals for each milestone (TBD)

M6- Nov. 2018

Draft: NC and Congestion Control (MJM editor) (status: informational)

- status uncertain. We're looking for a champion.
- the exact goal may have to be reformulated...
- proposal: further discuss and decide

Proposals for each milestone (TBD)

M7- Nov. 2018

Draft: NC and ICN: an overview and associated research challenges (CW/HA) (status: informational)

- almost on time 😊
- proposal: small re-schedule. Authors, what do you think?

Proposals for each milestone (TBD)

M8- Mar. 2019

Draft: NC and robust tunnelling (MJM/DC/VR and others) (status: informational)

- idea abandoned as such, unless a new proposal/champion arrives
- proposal: remove as milestone

New milestones (TBD)

- **Milestone to be added: SWiF Codec hackathon project**
 - proposal: July 2019, assuming “reasonable” manpower
- **perhaps new milestones on active ideas presented**
 - FEC/NC performance evaluation
 - computing in the network for NC
 - proposal: wait some more and see what’s going on