ConEx Concepts and Abstract Mechanism

draft-ietf-conex-abstract-mech-02.txt
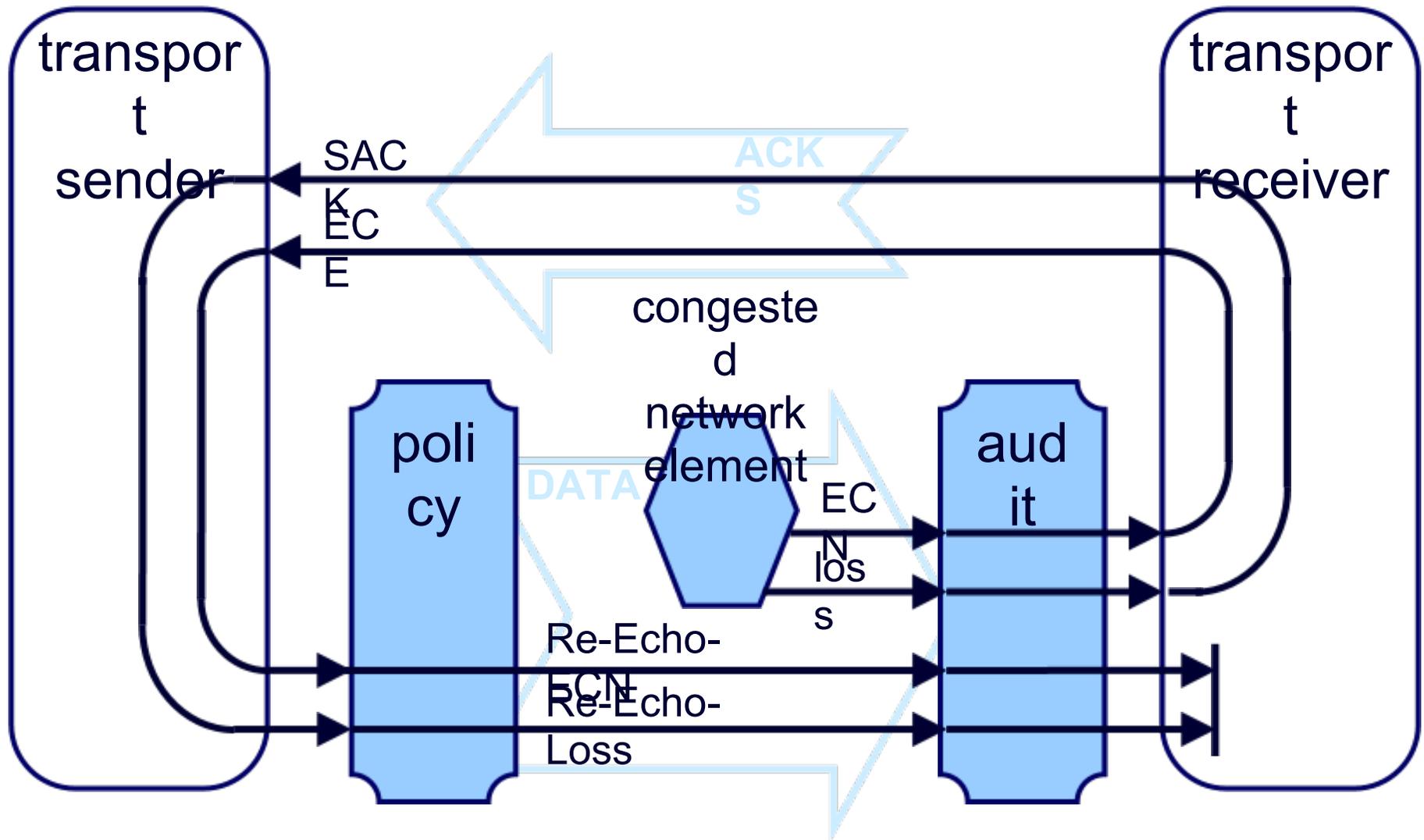
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IETF-81 ConEx July 2011

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- **working group draft:** draft-ietf-conex-abstract-mech-02.txt

- **intended status:** informational

- **immediate intent:** attract review comments, ready for WGLC

- **milestone target:** Jul 2011

  recall

- defer encoding to avoid obscuring underlying design

  - abstract design of algorithms & protocol

  - encoding in different protocol headers can follow (IPv6, v4)

- scope

  - loss-based (for incremental deployment), not just ECN

  - any transport, ConEx just using TCP as first concrete step

basic signals and functional units

improvements to draft -02

- Even more improved ascii art
  - Several iterations on the list
- New language on possible tweaks to existing components
  - optional improvements to senders/receivers/bottlneck
- extensive section on partial deployment
  - Consequences of legacy components
  - Movitation to upgrade

document todo items

- Some NITs that did not get fixed (oops)
- Add text on flowstate:
  - Flow state is not required in general
  - A few algorithms need it
- Add some text about time and influence scales
  - fine grained vs influencing decision making
- Edit very carefully

status & plans

- Finish doc todo items
  - new version well before draft deadline
- Push for wider review

- otherwise, it is in fairly good shape and close to WGLC

  - hold until concepts-uses solidifies(?)

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draft-ietf-conex-abstract-mech-01.txt

Q&A