FCAST update

“FCAST: Scalable Object Delivery for the ALC and NORM Protocols”
draft-ietf-rmt-fcast-03

IETF 80 – Prague, March 2011

V. Roca (INRIA)
B. Adamson (NRL)
I-D update summary

- Lorenzo WG chair review of the document
  - several good comments
  - two document updates

- -02 revision (October 2010)
  - many clarifications
  - updated an erroneous figure
I-D update summary... (cont’)

-03 revision (February 2011)
  - added 2-bit version number (there was none)
    - may be critical for future evolutions...

  - two compound object header field size increases
    - MetaData Format field: now 4-bit long (instead of 2)
      - 1 value reserved for HTTP1.1 meta information format
    - MetaData Encoding field: now 4-bit long (instead of 2)
      - 2 values reserved for plain text and gzip

  - new “compound object header” format
    - to accommodate above changes
    - better word alignment

  - IANA section totally re-written
I-D update summary... (cont’)

● open question
  ● should the intended status be Experimental or Proposed Standard?
    ○ currently I-D targets Experimental

○ RFC2026 says, concerning Experimental
  • “[…] is published for the general information of the Internet technical community and as an archival record of the work, subject only to editorial considerations […]”

○ our goal is not to publish FCAST and switch to something else!

○ INRIA has no implementation yet…
  • but intends to support FCAST in their FLUTE/ALC product

○ NRL has no implementation yet…
  • but intends to support FCAST in their NORM distribution