Operational Considerations for Streaming Media

draft-ietf-mops-streaming-opcons
Status update @2021-07 mops, IETF 111
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Year’s Commit History

IETF 109

IETF 110

IETF 111
Proposed Classifications for Remaining Issues

- **Blocking:**
  - Advertisements (#31)
    - Work in progress & converging (see PR #85 for details)

- **Non-blocking but “nice-to-haves” with no proposed text:**
  - Further Reading (#14)
  - Segment size and keyframe intervals (#86)
  - Sources of Bandwidth Constraints (#12)
  - Consequences of Poor Bitrate choice (#77)
  - Chart sample bitrate distribution (#52)
  - Chart historical usage (#26)
One New Issue, and Not Developed Enough to Include: Cloud-based encoding/packaging/origin workflows (#81)

- **Use cases**
  - Redundant encoding from different (delayed) sources
  - Protection against source/encoder/packager failures
  - Multiple encoders pushing full/partial presentations to multiple origins

- **Work has recently started:**
  - [https://sites.google.com/view/encodersyn](https://sites.google.com/view/encodersyn)
  - [https://lists.aau.at/mailman/listinfo/synched-encoding](https://lists.aau.at/mailman/listinfo/synched-encoding)

- **Important, but no specific recommendations yet**

 Proposed resolutions for this issue:

- Do this in another document instead of holding this doc

 and/or

- Add a pointer in this document and say “likely to be important, watch this space”
Next Steps

- Proposed: last call starting in 2 weeks
  - Wait for blocker, if it’s still blocking
  - Editors and other interested parties look at non-blockers, but don’t wait for them

- Your thoughts?
  - On non-blockers
  - On Cloud-based encoding/packaging/origin workflows

- This IS, of course, a working group document …