

Edge Network Operational Considerations for Streaming Media

[draft-jholland-mops-taxonomy](#)

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Doc Status

- On milestones list but not adopted?
- how sure are we this is useful?
 - A couple of supportive comments
 - A couple of offline “why bother”-ish comments

Updates since Montreal

- (this space intentionally left blank)

Known To-dos

- Suggestions from Ali:

- Audio & Pointcloud bandwidth numbers
- Live vs. on-demand contrast section
- Asymmetric link considerations
 - especially upload/personal broadcast/twitch & similar streaming
 - conferencing?

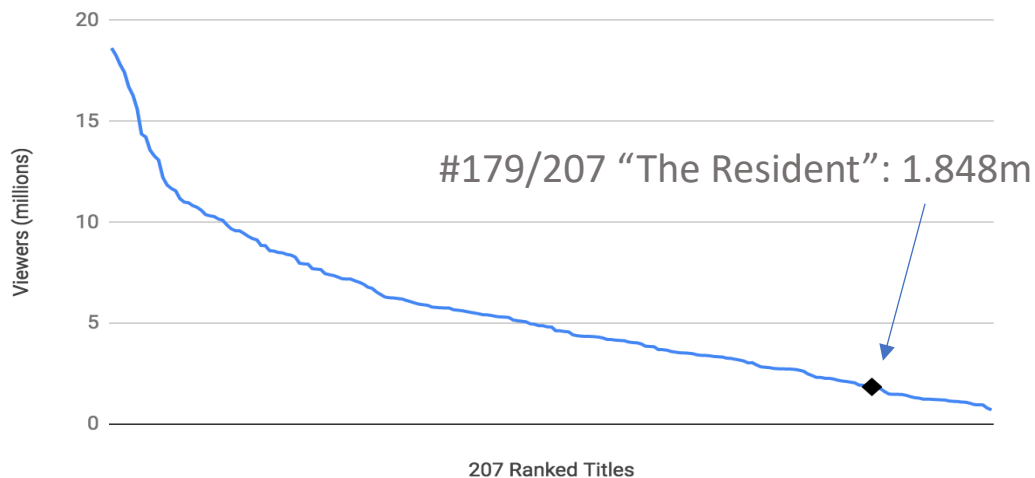
- Name-change

- taxonomy -> streaming-opcon

Unknown To-dos

- Explain the demand vs. capacity disconnect somehow
 - CAGR?
 - Better ideas? (with improved archival value?)

Nielsen Audience Size by Title 2017-2018



Unicast Arithmetic

- 72 tbps = Akamai Traffic Record, Dec 2018*
- 40 mbps = 4k standard frame rate (35-45 mbps, 24-30fps)

$$72 \times 10^{12} / 40 \times 10^6$$

=> 1.8m simultaneous 4k viewers @record rate

- Others?