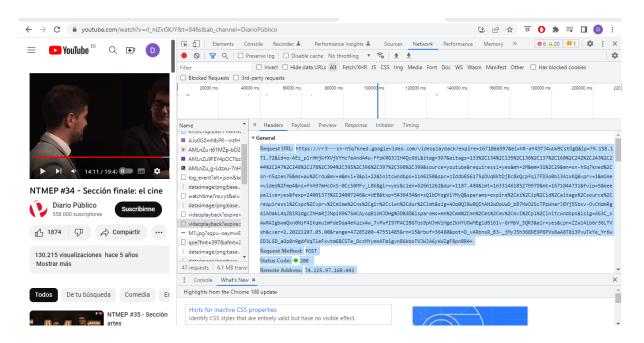
Report question 4 of Lab 3 Daniel de Vargas Medina NIA 233273



This is the information we found in the header of the video container:

- Its seems that is encoded in mp4, I marked in red, so it must use MPEG-DASH, as HLS doesn't support this format and DASH does.

Request URL:

https://rr3---sn-h5q7kned.googlevideo.com/videoplayback?expire=1671066597&ei=hR-aY43TJ4uUW9CstOgG&i p=79.158.171.72&id=o-AEz_plrHHjKfXVjVYHc7eAndA4u-FFpKRG3JIH4Qc66L&itag=397&aitags=133%2C134%2C135%2C136%2C137%2C160%2C242%2C243%2C244%2C247%2C248%2C278%2C394%2C395%2C396%2C397%2C398%2C399&source=youtube&requiressl=yes&mh=2M&mm=31%2C29&mn=sn-h5q7kned%2Csn-h5qzen76&ms=au%2Crdu&mv=m&mvi=3&pl=22&initcwndbps=1146250&spc=zlddbBS6175pOUq8KtDjBc8kQcpfql7FD3o0bl3AzxKQ&vprv=1&mime=video%2Fmp4&ns=Fhh97mHcOxS-0CcS0MFv_L8K&gir=yes&clen=62661262&dur=1187.480&lmt=1633146185279979&mt=1671044731&fvip=5&keepalive=yes&fexp=24001373%2C24007246&c=WEB&txp=5436434&n=sQ1bOYqgViYMyQ&sparams=expire%2Cei%2Cip%2Cid%2Caitags%2Csource%2Crequiressl%2Cspc%2Cvprv%2Cmime%2Cns%2Cgir%2Cclen%2Cdur%2Clmt&sig=AOq0QJ8wRQlhAN2wOoUwD_bB7MeO2ScTPpWnarJ8Yj55bxv-OvCHdmRgAiAOakL4qZBiR2dgcZhHaRjJNp1X967SmCAyoqB1UNJDHg%3D%3D&lsparams=mh%2Cmm%2Cmm%2Cms%2Cmv%2Cmvi%2Cpl%2Cinitcwndbps&lsig=AG3C_xAwRAlgbwaQxn0NsF4lKqmu1mFdeDqa4eKqzx4w_7vPwfl97PAClB6Tos9pNJmViHgeZkWYUOwMEgldBi61v-GrMbV_5QR3&alr=yes&cpn=ZZwl4ib6r36LTVxh&cver=2.20221207.05.00&range=47285200-47551485&rn=15&rbuf=36480&pot=D_vARbnsR_B3-_jMyJ5h36GNE9PGPVs8aA8T8i3PvuTkYe_Yr6wED3LSD_aOp8n9gdfVqTleFxvtmGBCSTe_OczMYymnATmigvnB6kboTVJWJA6ykWZgF8pnBR4=

Request Method: POST

Status Code: 200

Remote Address: 74.125.97.168:443

Referrer Policy: strict-origin-when-cross-origin

Response Headers

accept-ranges: bytes

access-control-allow-credentials: true

access-control-allow-origin: https://www.youtube.com

access-control-expose-headers: Client-Protocol, Content-Length, Content-Type, X-Bandwidth-Est, X-Bandwidth-Est2, X-Bandwidth-Est3, X-Bandwidth-App-Limited,

X-Bandwidth-Est-App-Limited, X-Bandwidth-Est-Comp, X-Bandwidth-Avg,

X-Head-Time-Millis, X-Head-Time-Sec, X-Head-Segnum, X-Response-Itag,

X-Restrict-Formats-Hint, X-Sequence-Num, X-Segment-Lmt, X-Walltime-Ms

alt-svc: h3=":443"; ma=2592000,h3-29=":443"; ma=2592000,h3-Q050=":443";

ma=2592000,h3-Q046=":443"; ma=2592000,h3-Q043=":443"; ma=2592000,quic=":443";

ma=2592000; v="46,43"

cache-control: private, max-age=21278

client-protocol: quic
content-length: 266286
content-type: video/mp4

cross-origin-resource-policy: cross-origin date: Wed, 14 Dec 2022 19:10:19 GMT expires: Wed, 14 Dec 2022 19:10:19 GMT

last-modified: Sat, 02 Oct 2021 03:43:05 GMT

server: gvs 1.0

timing-allow-origin: https://www.youtube.com

vary: Origin

x-content-type-options: nosniff
x-restrict-formats-hint: None

Request Headers

:authority: rr3---sn-h5q7kned.googlevideo.com

:method: POST

:path:

/videoplayback?expire=1671066597&ei=hR-aY43TJ4uUW9CstOgG&ip=79.158.171.72&id=o -AEz plrHHjKfXVjVYHc7eAndA4u-FFpKRG3JIH4Qc66L&itag=397&aitags=133%2C134%2C 135%2C136%2C137%2C160%2C242%2C243%2C244%2C247%2C248%2C278%2C394% 2C395%2C396%2C397%2C398%2C399&source=youtube&requiressl=yes&mh=2M&mm=3 1%2C29&mn=sn-h5q7kned%2Csn-h5qzen76&ms=au%2Crdu&mv=m&mvi=3&pl=22&initcwn dbps=1146250&spc=zlddbBS6175pOUq8KtDjBc8kQcpfql7FD3o0bl3AzxKQ&vprv=1&mime= video%2Fmp4&ns=Fhh97mHcOxS-0CcS0MFv L8K&gir=yes&clen=62661262&dur=1187.48 0&Imt=1633146185279979&mt=1671044731&fvip=5&keepalive=yes&fexp=24001373%2C2 4007246&c=WEB&txp=5436434&n=sQ1bOYqqViYMyQ&sparams=expire%2Cei%2Cip%2Ci d%2Caitags%2Csource%2Crequiressl%2Cspc%2Cvprv%2Cmime%2Cns%2Cgir%2Cclen% 2Cdur%2Clmt&sig=AOq0QJ8wRQIhAN2wOoUwD bB7MeO2ScTPpWnarJ8Yj55bxv-OvCHd mRgAiAOakL4qZBiR2dgcZhHaRjJNp1X967SmCAyoqB1UNJDHg%3D%3D&lsparams=mh% 2Cmm%2Cmn%2Cms%2Cmv%2Cmvi%2Cpl%2Cinitcwndbps&lsig=AG3C_xAwRAlgbwaQx n0NsF4lKqmu1mFdeDqa4eKqzx4w 7vPwfl97PAClB6Tos9pNJmViHgeZkWYUOwMEgldBi6 1v-GrMbV 5QR3&alr=yes&cpn=ZZwl4ib6r36LTVxh&cver=2.20221207.05.00&range=472852 00-47551485&rn=15&rbuf=36480&pot=D vARbnsR B3- jMyJ5h36GNE9PGPVs8aA8T8i3P

```
vuTkYe_Yr6wED3LSD_aOp8n9gdfVqTleFxvtmGBCSTe_OczMYymnATmigvnB6kboTVJWJA
                  6ykWZgF8pnBR4=
                  :scheme: https
                  accept: */*
                  accept-encoding: gzip, deflate, br
                  accept-language: es-ES,es;q=0.9
                  content-length: 2
                  origin: https://www.youtube.com
                  referer: https://www.youtube.com/
                  sec-ch-ua: "Not?A_Brand";v="8", "Chromium";v="108", "Google Chrome";v="108"
                  sec-ch-ua-arch: "x86"
                  sec-ch-ua-bitness: "64"
                  sec-ch-ua-full-version: "108.0.5359.99"
                  sec-ch-ua-full-version-list: "Not?A Brand";v="8.0.0.0", "Chromium";v="108.0.5359.99",
                  "Google Chrome";v="108.0.5359.99"
                  sec-ch-ua-mobile: ?0
                  sec-ch-ua-model
                  sec-ch-ua-platform: "Windows"
                  sec-ch-ua-platform-version: "0.3.0"
                  sec-ch-ua-wow64: ?0
                  sec-fetch-dest: empty
                  sec-fetch-mode: cors
                  sec-fetch-site: cross-site
                  user-agent: Mozilla/5.0 (Windows NT 6.3; Win64; x64) AppleWebKit/537.36 (KHTML, like
                  Gecko) Chrome/108.0.0.0 Safari/537.36
CJC2yQEIo7bJAQjEtskBCKmdygElxuzKAQiTocsBCP7EzAEI7/LMAQjN+cwBCOH5zAEI4/rMAQjv/8wBCIaBzQEI
message ClientVariations {
 // Active client experiment variation IDs.
 repeated int32 variation_id = [3300112, 3300131, 3300164, 3313321, 3323462, 3330195, 3351166, 3357039,
3357901, 3357921, 3358051, 3358703, 3358854, 3359023];
                  }
```

x-client-data:

r4LNAQ== Decoded: