

## **ABSTRACT**

### **A method for streaming an audio video content**

This document describes an adaptive bitrate streaming method allowing streaming an audio video (AV) content to a client device using a multi content delivery network (CDN) approach. Each CDN stores multiple versions of a content that can be requested in the form of a succession of consecutive files using HTTP requests. The method is based on a use of an intermediate module, called diversity module, between an AV player of the client device and each CDN of a plurality of CDN. For each file of a version of a content requested by the AV player, the diversity module requests a manifest file to each CDN and estimates a bitrate of each CDN using reception performances of the manifest files. Each file is requested by the diversity module in the form of a succession of groups of segments structured according to a pattern comprising a predetermined number of segments. Each group comprises one set of segments for each CDN, each set comprising a number of segments intended to be requested to the CDN to which they correspond proportional to the bitrate of this CDN.

[Figure 1]