

# MQTT Bandwidth Estimation with Multiple Architecture

Simone Bernabè, Mat. number 207485  
simone.bernabe@studenti.unitn.it

**Abstract**—Originally based on UDP connections, VoD (Video on Demand) and live streaming has started to move forward TCP (Transport Control Protocol). In the past, UDP allowed to have a low latency connection without protocol overhead. This was granted from the simplicity of the protocol itself, which has no control on the packet flow and on congestion behavior. TCP, on the other hand, has several systems to maintain the connection stable, secured and to control the congestion. This allowed the protocol to obtain the dominance on the internet and its success in maintaining Internet stability has led, in fact, to several TCP-based media-streaming approaches.

## I. INTRODUCTION

## REFERENCES