

# Real-time Communication Service

## RTC definition?

Real-time communications (RTC) is **any mode of telecommunications in which all users can exchange information instantly or with negligible latency or transmission delays**. In this context, the term real-time is synonymous with live. In RTC, there is always a direct path between the source and the destination.

## RTC MEANING?

### (RTC API) ?

Real-time communication application programming interface

### (RTCOP) ?

A signaling and resource reservation protocol

## Guaranteed-QoS communication

What is Three primary architectural requirements for guaranteed-QoS communication?

- (i) Maintenance of per-connection qos guarantees
- (ii) Overload protection via per-connection traffic enforcement
- (lii) Fairness to best-effort traffic

## Real-Time Channel

Real-time channels used author of year?

Ferrari and Verma, 1990, Kandlur et al., 1994

## Software Level

Who is levels of software?

High-level software architecture of our guaranteed-qos service