

ABSTRACT

Disclosed in the present application are an audio/video conference implementation method, an audio/video conference system and a related apparatus. The present application relates to a plurality of device groups, each of the device groups comprises a plurality of interface machines, and each interface machine is connected to a conference access terminal, such that the conference access terminal accesses a conference room by means of the interface machine. Conference access terminals are distributed to different interface machines, and load sharing is performed by means of a plurality of interface machines, so as to support a largescale conference. There is an origin-pull device in each device group, and the origin-pull device accesses a conference room by means of a second interface machine and generates a media data stream. An origin-pull device in each device group, e.g. a first device group, receives a stream pull application from a first interface machine in the first device group, and then forwards a media data stream corresponding to first identifier information to the first interface machine, such that the first interface machine forwards the media data stream to a corresponding conference access terminal. The data delivery pressure is shared by means of an origin-pull device, which is conducive to supporting a super-large-scale conference, such that microphones or cameras can be turned on at the same time, redirection is not required, and the experience is smooth.