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(54) Title: MULTIMEDIA PLAYING METHOD AND SYSTEM FOR CLOUD DESKTOP, DEVICE AND STORAGE MEDIUM

(54) 发明名称: 一种云桌面的多媒体播放方法、系统、设备及存储介质

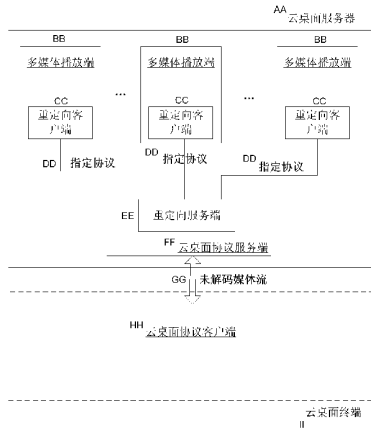


图 1

AA Cloud desktop server
BB Multimedia player-side
CC Redirection client-side
DD Specified protocol
EE Redirection server-side
FF Cloud desktop protocol server-side
GG Undecoded media stream
HH Cloud desktop protocol client-side
II Cloud desktop terminal

(57) Abstract: Embodiments of the present application provide a multimedia playing method and system for a cloud desktop, a device and a storage medium. A redirection server-side is deployed in a cloud desktop protocol server-side in a cloud desktop server, and redirection client-sides are deployed in various multimedia player-sides possibly used in a cloud desktop. Moreover, one-to-many communication can be performed between the redirection server-side and the redirection client-sides according to a specified protocol, and the specified protocol can be compatible with various players and various browsers. On the basis of such a system architecture, in various playing scenes in the cloud desktop, the redirection server-side can be compatible with the various multimedia player-sides, and redirects an undecoded media stream to a cloud desktop terminal for decoding and playing in the cloud desktop terminal. In this way, in the embodiments of the present application, the various playing scenes in the cloud desktop can be covered for multimedia redirection, and operations such as decoding in the cloud desktop server are not needed any more, thereby effectively reducing resource occupation of the cloud desktop server.

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NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW), 欧亚
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CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN,
TD, TG)。

根据细则4.17的声明:
— 关于申请人有权要求在先申请的优先权(细则
4.17(iii))

本国际公布:
— 包括国际检索报告(条约第21条(3))。

(57) 摘要: 本申请实施例提供一种云桌面的多媒体播放方法、系统、设备及存储介质。在云桌面服务器中的云桌面协议服务端中部署了重定向服务端, 并在云桌面中可能使用的各种多媒体播放端中分别部署了重定向客户端, 而重定向服务端和各个重定向客户端之间可按照指定协议进行一对多通信, 且指定协议可兼容各种播放器和各种浏览器。基于这种系统架构, 在云桌面中多样的播放场景中, 重定向服务端可兼容各种多媒体播放端, 并将未解码媒体流重定向至云桌面终端, 从而在云桌面终端中进行解码及播放。这样, 本申请实施例中, 可覆盖云桌面中多样的播放场景进行多媒体重定向, 不再需要在云桌面服务器中进行解码等操作, 可有效降低对云桌面服务器的资源占用。