Offline Content Distribution Networks

ABSTRACT OF THE DISCLOSURE

Approaches, techniques, and mechanisms are disclosed for the secure distribution of media content to devices having minimal or no Internet connectivity. Computing devices referred to herein as "local servers" are strategically deployed at various locations, such as stores and other public locations. Packages of media contents are stored on the local servers, and may be updated using various online and/or offline data transfer techniques. Portable devices may directly connect to the local servers via various types of proximity-based connections, such as by wireless local area networks, by wired connections over Universal Serial Bus cables, or by sharing of removable media such as Secure Digital cards. The local servers may copy their media contents to authorized devices when such connections are established. The contents on a device may be automatically be updated the next time the device connects to one of the local servers, so as to include newly selected and/or available content.

Figure 1