REMOTELY PRECONFIGURING A COMPUTING DEVICE

CROSS REFERENCE TO RELATED APPLICATIONS

[0001] This application claims priority to co-pending U.S. non-provisional application entitled "REMOTELY PRECONFIGURING A COMPUTING DEVICE," assigned Serial Number 13/191,585 and filed July 27, 2011, the entirety of which is hereby incorporated by reference herein.

BACKGROUND

[0002] Computing devices such as desktop computers, laptops, tablet computers, electronic book readers, smartphones, and so on are typically shipped with a default configuration. In some cases, customers may choose from a variety of hardware and software options which are then used in generating a customized default configuration for a purchased computing device. Nonetheless, customers often spend time customizing and personalizing their computing device after taking possession of it.

SUMMARY OF INVENTION

[0002a] According to a first aspect of the present invention, there is provided a non-transitory computer-readable medium embodying a program executable in a computing device, the program comprising: code that executes a virtualized version of a computing device; code that encodes a video signal and an audio signal generated by the virtualized version of the computing device into a media stream; code that generates a user interface that includes a graphical representation of a physical interface of the computing device, wherein a screen of the graphical representation is

configured to show the video signal of the media stream, and the graphical representation includes a representation of at least one input device of the physical interface of the computing device; code that sends the user interface and the media stream to the client; code that obtains input data from a user at the client and provides the input data to the virtualized version of the computing device, wherein the input data corresponds to a user manipulation of the representation of the at least one input device, and at least a portion of the input data effects a change to a configuration of the virtualized version of the computing device; code that obtains an order for the physical version of the computing device from the user at the client; code that initiates a copying of the configuration of the virtualized version of the computing device to the physical version of the computing device, the configuration being adopted by the physical version of the computing device; and code that initiates a shipment of the physical version of the computing device to an address associated with the user.

[0002b] According to a second aspect of the present invention, there is provided a system, comprising: at least one computing device; and at least one application executable in the at least one computing device, the at least one application comprising: logic that executes a virtualized version of a computing device; logic that encodes a visual display generated by the virtualized version of the computing device into a media stream and sends the media stream to a client; logic that generates a user interface that includes a graphical representation of a physical interface of the computing device, wherein a screen of the graphical representation is configured to show the visual display of the media stream, and the graphical representation includes a representation of at least one input device of the physical interface of the computing

device; logic that sends the user interface to the client; logic that obtains input data from the client and provides the input data to the virtualized version of the computing device, wherein the input data corresponds to a user manipulation of the representation of the at least one input device, and at least a portion of the input data effects a change to a configuration of the virtualized version of the computing device; and logic that initiates a copying of the configuration of the virtualized version of the computing device to a physical version of the computing device, the configuration being adopted by the physical version of the computing device.

[0002c] According to a third aspect of the present invention, there is provided a method, comprising the steps of: obtaining, in at least one computing device, a visual display generated by a computing device corresponding to a screen of the computing device; encoding, in the at least one computing device, the visual display into a media stream; sending, in the at least one computing device, the media stream to a client; generating, in the at least one computing device, a user interface that includes a graphical representation of a physical interface of the computing device, wherein a screen of the graphical representation is configured to show the visual display of the media stream, and the graphical representation includes a representation of at least one input device of the physical interface of the computing device; sending, in the at least one computing device, the user interface to the client; obtaining, in the at least one computing device, input data from a user at the client, the input data corresponding to a user manipulation of the representation of the at least one input device, and; providing, in the at least one computing device, the input data to the computing device, at least a portion of the input data effecting a change to a configuration of the

computing device; and initiating, in the at least one computing device, fulfillment of an order by the user for the computing device having the configuration that is changed.

BRIEF DESCRIPTION OF THE DRAWINGS

[0003] Many aspects of the present disclosure can be better understood with reference to the following drawings. The components in the drawings are not necessarily to scale, emphasis instead being placed upon clearly illustrating the principles of the disclosure. Moreover, in the drawings, like reference numerals designate corresponding parts throughout the several views.

[0004] FIG. 1 is a drawing of a networked environment according to various embodiments of the present disclosure.