

MOBILE EDGE COMPUTE DYNAMIC ACCELERATION ASSIGNMENT

ABSTRACT

Embodiments of a system and method for dynamic hardware acceleration are generally described herein. A method may include identifying a candidate task from a plurality of tasks
5 executing in an operating environment, the operating environment within a hardware enclosure, the candidate task amenable to hardware optimization, instantiating, in response to identifying the candidate task, a hardware component in the operating environment to perform hardware optimization for the task, the hardware component being previously inaccessible to the operating environment, and executing, by the operating environment, a class of tasks amenable to the
10 hardware optimization on the hardware component.

Fig. 1