

SYSTEM AND METHOD FOR SECURING INTER-COMPONENT COMMUNICATIONS IN AN OPERATING SYSTEM

ABSTRACT

A system and method for securing inter-component communications in an operating system is provided. The provided system and method secures inter-component communications in an operating system by selectively generating instances when inter-component communication requests occur, whereby each of the generated instances are attached to a newly created blocked permissions list. The system and method further manages the invocation of Application Programming Interfaces by applications or instances in the operating system by determining whether the invocation of the Application Programming Interface is allowed or declined based on the blocked permissions list and default permission list associated with each invoking application or instance.

FIGURE 1