Abstract

PROVISIONING OF AUTHENTICATION CREDENTIALS ON MOBILE DEVICES

A method for provisioning authentication credentials on a mobile device comprises receiving a provisioning request message comprising one or more authentication credentials of a smart card, including at least an identifier of the smart card, and a request for card personalization keys. The method further comprises determining a type of the smart card based on the identifier of the smart card; generating, based on the type of the smart card, a card personalization script comprising computer-readable instructions for configuring the mobile device to emulate the smart card; generating a token based on the authentication credentials or part thereof; generating one or more card personalization keys, respective card personalization keys being for different respective authentication types; and transmitting, to the mobile device, the card personalization script for execution by the mobile device; wherein the card personalization script comprises computer-readable instructions to cause the mobile device to retrieve the one or more card personalization keys and the token to thereby enable emulation of the smart card by the mobile device.

[FIG. 1]