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(57) Abstract :

The present disclosure provides a system (102) and a method for remote destruction of cipher keys, and a computing device (106) for remote destruction of cipher keys. The system (102) includes computing devices (106) and an authorised database of unique identifiers associated with the registered computing devices (106) for remote destruction of cipher keys. The system (102) receives an activation request for cipher key destruction from computing device(s) (106), authenticates the activation request by comparing the unique identifiers received with the authorised database, and transmits a destruct cipher key command to the computing device(s) (106) to authorize a cipher key destruction process and enable the remote destruction of cipher keys. The cipher key destruction process in computing device(s) (106) may include overwriting of a memory region storing cipher keys, or, execution of a self-destruct instruction to disable the computing device (106).

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