
The Security-by-Contract (SC) framework has recently been proposed to support software evolution in open multi-application smart cards. The key idea lies in the notion of contract, a specification of the security behavior of an application that must be compliant with the security policy of the smart card hosting the application. In this demonstration we show (SC)2 (Secure Communication over Smart Cards), a system developed to address a key issue of the SC framework, namely the secure outsourcing of the SC contract-policy matching service to a Trusted Third Party (TTP). (SC)2 secures the communication between a smart card and the TTP that provides the SC matching service.

General information
State: Published
Organisations: Embedded Systems Engineering, Department of Informatics and Mathematical Modeling
Contributors: Dragoni, N., Lostal, E., Papini, D.
Pages: 186-187
Publication date: 2011

Host publication information
Title of host publication: 2011 IEEE International Symposium on Policies for Distributed Systems and Networks (POLICY)
Publisher: IEEE
ISBN (Print): 978-1-4244-9879-6
DOIs:
10.1109/POLICY.2011.22
URLs:
http://www.policy-workshop.org/
Source: orbit
Source-ID: 283681
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011