TrustCB Scheme Procedures
for GSMA eSA
Version 1.0

Contents

1 GSMA eSA Scheme

This document an annex to TrustCB Shared Scheme Procedures (current version) [TrustCB_SP] detailing specific details for the GSMA eSA certification scheme.

1.1 Introducing the eSA scheme

The GSMA eUICC Security Assurance (eSA) Scheme aims to provide Common Criteria based evaluation and certification for embedded UICCs (eUICCs) that have been designed to meet the GSMA eUICC architectures.

The scheme owner is the GSMA. The scheme is operated in accordance with the provisions and expectations of ISO17065 [7]. It includes a certification function with the Certification Body (CB) role, appointed by GSMA.

The purpose of this document is to describe additional operational processes applied by TrustCB in its role as GSMA appointed Certification Body for the scheme.

The primary source of eUICC design documents and Protection Profiles can be found via the GSMA webpage: https://www.gsma.com/esim/

The primary source of TrustCB managed operational documents for the scheme can be found at https://trustcb.com/gsma/esa/

1.2 eSA Contact details

Scheme contact address at TrustCB is gsma@trustcb.com.

1.3 eSA TOE-type overview

This scheme applies to a TOE implementing embedded UICC functionality as described by either GSMA SGP.01 or GSMA SGP.21.

The TOE may be one of three configurations:

1. eUICC on certified hardware, certified crypto library and certified JavaCard with Minor Changes.

2. eUICC on certified hardware and certified crypto library

3. eUICC on certified hardware

1.4 eSA Process

An overview of the eSA evaluation and certification process can be found in GSMA [SGP.06]

Prior to the submission phase, the developer has contracted a TrustCB licensed evaluation lab and together with that lab has filled in the application form. A signed copy of the application form, together with a draft Security Target and GSMA Registration confirmation, must be sent by email to gsma@trustcb.com.

> Note: the GSMA Registration confirmation is received as the result of a GSMA process for eUICC manufacturer registration. For further details see https://www.gsma.com/services/euicc-manufacturer-registration/. If the GSMA Registration confirmation is not submitted then the application will typically be held until it is available.

TrustCB will respond to the received application form with a quotation for certification for acceptance by the certification sponsor. Upon receipt of acceptance of the quotation, TrustCB will issue an invoice for the payment of the certification fee.

The evaluation phase can commence once that quotation has been accepted and the TrustCB certification fee paid.

1.4.1   Evaluation Phase

The evaluation methodology is described in GSMA [SGP.07]

1.4.2   Certification Phase

The result of a successful certification assessment is a certificate that is jointly signed by GSMA, as scheme owner, and TrustCB as Certification Body for the scheme.

Issued certificates are posted on the TrustCB eSA certificates webpage and also on a GSMA webpage for eSA certificates.

1.5   Certification Marks and Logos

Use of the GSMA eSA marks, including any certification marks, is managed as part of the GSMA process for eUICC manufacturer registration. For further details see https://www.gsma.com/services/euicc-manufacturer-registration/.

1.6   Reference Materials

Unless otherwise stated, the latest published version applies.

Table 1 eSA Documents

Title	Source	Reference
GSMA SGP.06	3	[SGP.06]
GSMA SGP.07	3	[SGP.07]
TrustCB Application Form - eSA	1	[eSA-AF]
TrustCB Shared Procedures	2	[TrustCB_SP]

Key:

1 = https://trustcb.com/gsma/esa/

2 = https://trustcb.com/about-us/policies-procedures/

3 = https://www.gsma.com/esim/esim-specification/

Annex A Revision History

Version	Date	Description of change	Editor
1.0	2022-06-30	Initial version capturing GSMA specific requirements	VT