

CPA Logging Data Element Minimums

This Specification Update Bulletin describes changes to the EMV Common Payment Application (CPA) Specification for Payment Systems. These changes specify minimum sizes for data elements used in logging transactions.

The changes in this bulletin will be incorporated into version v1.0.c of the CPA Card Type Approval documentation (that is, Test Cases, Card Images, and Implementation Conformance Statement). Testing will be effective 1 February 2008.

This bulletin is optional for all CPA cards submitted for testing commencing on or after 1 February 2008.

This bulletin is mandatory for all CPA cards submitted for testing to version v1.0.e of the CPA Card Type Approval documentation.

Applicability

This Specification Update Bulletin applies to:

- *EMV Integrated Circuit Card Specifications for Payment Systems Common Payment Application Specification Version 1.0 December 2005*

Related Documents

- The CPA card approval test cases will be modified in accordance with the final Specification Update bulletin.
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Description

This Specification Update Bulletin describes changes to the *EMV Integrated Circuit Card Specifications for Payment Systems Common Payment Application Specification*. These changes specify minimum sizes the application must be able to support for data elements used in logging transactions.

This change clarifies that the application must at least support personalisation of 15 bytes in each Log Data Table, and 40 bytes in Log Format.

Specification Change Notice

Please add the following new sections 21.3.14 and 21.3.15 immediately after section 21.3.13:

21.3.14 Log Format

The Log Format data element contains the tags and lengths of the data elements logged in the Transaction Log.

Req 21.74 (Minimum supported size for Log Format):

At a minimum, the CPA shall support a Log Format of up to 40 bytes.

21.3.15 Log Data Tables

The Log Data Tables are used to locate data received by the application in the first and second GENERATE AC command data that is to be added to the transaction log if the transaction is logged.

Req 21.75 (Minimum supported size for First GEN AC Log Data Table):

At a minimum, the CPA shall support a First GEN AC Log Data Table of up to 15 bytes.

Req 21.76 (Minimum supported size for Second GEN AC Log Data Table):

At a minimum, the CPA shall support a Second GEN AC Log Data Table of up to 15 bytes.

Req 21.77 (Minimum supported size for First GEN AC Unchanging Log Data Table):

At a minimum, the CPA shall support a First GEN AC Unchanging Log Data Table of up to 15 bytes.

In the Log Data Tables row of Table 21-11 on page 21-15, add a footnote to the "Var."s in the Length column with the following text:

"Each Log Data Table supports, at a minimum, up to 15 bytes in the value field for each tag in the template."