



EMV® Specification Bulletin No. 286
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Update for EMV Book C-5
Change to the Processing Requirement of Status Word '6F00'

Applicability

This Specification Bulletin applies to:

- *EMV® Contactless Specifications for Payment Systems, Book C-5 – Kernel 5 Specification, Version 2.9, March 2020*
- *EMV® Contactless Specifications for Payment Systems, Book C-5 – Kernel 5 Specification, Version 2.10, March 2021*

Related Documents

- *None*

Effective date

- *Immediate*
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Description

Currently, if the Status Word returned in the response to any command are different from '9000', the Kernel is required to terminate the transaction and provide a Select Next Outcome as described in section 3.12.10. This specification bulletin changes the requirements when the Status Word '6F00' is returned to Get Processing Options command as described below.

Details of Changes

- ✓ Replace the sections from 3.3.1.3 to 3.3.1.7 under "Requirement – GPO Response Analysis" with the following.

Requirement – GPO Response Analysis

3.3.1.3 **If the Status Word returned by the card is ‘6FO0’,**
Then the Kernel shall terminate the transaction and provide an *End Application* Outcome with the following Outcome parameter values:

End Application:

- **Start:** N/A
- **Online Response Data:** N/A
- **CVM:** N/A
- **UI Request on Outcome Present:** Yes
 - Message Identifier:** '06' ("CARD ERROR")
 - Status:** Ready to Read
- **UI Request on Restart Present:** No
- **Data Record Present:** No
- **Discretionary Data Present:** No
- **Alternate Interface Preference:** N/A
- **Receipt:** N/A
- **Field Off Request:** N/A
- **Removal Timeout:** Zero

3.3.1.4 **If the Status Word returned by the card is different from ‘9000’ and ‘6FO0’,**
Then the Kernel shall terminate the transaction and provide a *Select Next* Outcome as described in Section 3.12.10.

3.3.1.5 **If the AIP (Tag ‘82’) is absent from the GET PROCESSING OPTIONS response,**
Then the Kernel shall terminate the transaction and provide a *Select Next* Outcome as described in Section 3.12.10.

3.3.1.6 **If the Transaction Mode is equal to ‘Undefined Mode’,**
Then
If the AIP (Tag ‘82’) returned by the card has Byte 2 Bit 8 set to ‘1’ ('EMV Mode Selected'),
And the Terminal Compatibility Indicator Byte 1 Bit 2 is set to ‘1’ ('EMV Mode Supported'),
Then the Kernel shall set Transaction Mode to ‘EMV Mode’.
Else the Kernel shall terminate the transaction and provide a *Select Next* Outcome as described in Section 3.12.10.

3.3.1.7 **If the AFL (Tag ‘94’) is absent from the data returned to the GET PROCESSING OPTIONS response**
Then the Kernel shall terminate the transaction and provide a *Select Next* Outcome as described in Section 3.12.10.

Requirement – GPO Response Analysis

3.3.1.8 If the AFL (Tag '94') is present in the GET PROCESSING OPTIONS RESPONSE

And its value is incorrectly formatted (e.g. not multiple of 4 bytes, invalid SFI value...),

Then the Kernel shall terminate the transaction and provide a **Select Next** Outcome as described in Section 3.12.10

3.3.1.9 If any of the conditions below is true:

- the Transaction Mode is equal to 'Legacy Mode'
- the Transaction Mode is equal to 'EMV Mode' and Offline Data Authentication (implementation or acquirer option) is not supported
- the Transaction Mode is equal to 'EMV Mode' and the AIP (Tag '82') indicates that CDA is not supported (Byte 1 bit 1 is '0')

Then the Kernel shall set TVR Byte 1 bit 8 ('Offline Data Authentication was not performed') to '1'.

- ✓ In section 4.4, under "Processing State Returned in the Response Message", insert the following description after "6A80" indicates that the command is incorrectly formatted.:
 - '6F00' indicates that an unexpected error has occurred.

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