Reset Tip

This command removes tip from a specific transaction.

Rules

- The session should be active.
- This command is applicable only to FirstData/Fiserv solution.

Configuration Parameter

Following are the configuration parameters which affect the operation. Refer to Application Parameters table for more details on the below parameters.

- TIP
- TIPSCREENTIMEOUT
- TIPADJUSTALLOWED

RESET_TIP (Message Interface)

The following tables provide detailed protocol information, including field descriptions and examples.

Device UI Required: No

Request Packet

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
FUNCTION_TYPE	Required	Static value	N/A	N/A	PAYMENT	Type of function.
COMMAND	Required	Static value	N/A	N/A	RESET_TIP	Command name
PAYMENT_TYPE	Required	List	N/A	N/A	CREDIT DEBIT GIFT	Payment types. **NOTE:** PAYMENT_TYPE field is mandatory for card token based transactions.

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
CTROUTD	Required	Numeric	1	16		Here is the transaction ID for which Tip will be reset to zero. CTROUTD is a sequence number for PAYMENT transactions (always enabled) that is generated per Client ID. Each Client ID has its own CTROUTD sequence counter. **Example:** 123456
ENCRYPT	Conditional	Binary	N/A	N/A	TRUE FALSE	This field is required to encrypt the PAN details before passing it on to processor/gateway. In case of P2PE encryption, this field needs to be set to TRUE as value. **NOTE:** If this field is not present, then the application will internally treat this field as a value TRUE when the device encryption is ADE/VSD.
COL_3, COL_4, COL_5, COL_6, COL_7, COL_8, COL_9, COL_10	Optional	Character	1	255		These fields represent Column 3 to Column 10. These fields are expected for the Merchants internal POS System, which will record any additional data and link those to the PWC CLIENT_ID and CTROUTD. When a value for COL_n is passed in, that same value will be returned in the response. These COL_n values are not indexed, or searchable in any command report. These fields are not sent to any payment processor. **Example:** Merchant defined data
POS_RECON	Optional	Character	1	30		POS reconciliation. POS Reconciliation field to be echoed back in response to POS. **Example:** RetailPOS1

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
COUNTER	Required	Numeric	1	10		COUNTER is used for a given MAC label. Each COUNTER should be higher than the last one. This is used to authenticate the POS. **Example:** 100
MAC	Required	Base64 Encoded Data	N/A	N/A	N/A	Message Authentication Code. This is used to authenticate the POS.
MAC_LABEL	Required	Character	1	50		Associated label that tells the device which MAC_KEY to use to decrypt the value of MAC. This is used to authenticate the POS. **Example:** REG1

Example

Following is an example of request packet

```
<TRANSACTION>
        <FUNCTION_TYPE>PAYMENT</FUNCTION_TYPE>
        <COMMAND>RESET_TIP</COMMAND>
        <COUNTER>1</COUNTER>
        <MAC> … </MAC>
        <MAC_LABEL>REG2</MAC_LABEL>
        <PAYMENT_TYPE>CREDIT</PAYMENT_TYPE>
        <CTROUTD>5</CTROUTD>
        <ENCRYPT>TRUE</ENCRYPT>
</TRANSACTION>
```

Response Packet

Field	Type	Value	Description
RESPONSE_TEXT	Character		Processor response text. **NOTE:** This will be implemented for future release. **Example:** Tip Reset.
RESULT	Character		Commonly TIP MODIFIED or DECLINED. **Example:** TIP MODIFIED
RESULT_CODE	Numeric	Expected result code: 6, 17	This indicates the result code.

Field	Type	Value	Description
TERMINATION_STATUS	Character	SUCCESS and FAILURE	This indicates the transaction termination status. This is the overall status of the transaction irrespective of approved or declined. Like, if the output is generated then the status is SUCCESS and if no output is generated then the status will be FAILURE.
POS_RECON	Character		POS reconciliation field echoed back if sent in request. **Example:** RetailPOS1
COUNTER	Numeric		Echoes counter sent in the request. **Example:** 100
MERCHID	Numeric		Merchant ID. **Example:** 900000000123
TERMID	Numeric		Merchant ID. **Example:** 001
TRANS_SEQ_NUM	Numeric		Processor/Batch transaction sequence number. **Example:** 5
INTRN_SEQ_NUM	Numeric		PWC transaction ID. **Example:** 123456789
TRACE_NUM	Numeric		This field is sent from the Host Response. This field contains the Interac Sequence number from the host. **Example:** 1400040000000004001951
TROUTD	Numeric		Transaction routing ID. **Example:** 123456789
CTROUTD	Numeric		CTROUTD is a sequence number for PAYMENT transactions (always enabled) that is generated per Client ID. Each Client ID has its own CTROUTD sequence counter. **Example:** 45
APPROVED_AMOUNT	Floating point number (decimal)		Amount approved. **Example:** 30.00. **NOTE:** This will be implemented for future release.
AUTH_REF_NUMBER	Character	**Example:** 123456789012345; Or, it can be empty	This tag returns in the host response with the value for the particular transaction. This is used by some merchants to refer to the transaction at the host side. Currently this is applicable only for Worldpay processor.
COL_3, COL_4, COL_5, COL_6, COL_7, COL_8, COL_9, COL_10	Character		Column 3 to Column 10 fields value will be echoed in POS response. These fields are not sent to any payment processor.
PAYMENT_MEDIA	Character		Medium of payment. Commonly VISA/MC/DISC/AMEX/DEBIT. **Example:** MC
PAYMENT_TYPE	Character		Payment type returned. **Example:** CREDIT
AUTH_CODE	Character		Processor authorization number. **Example:** 123123.
RECEIPT_DATA	Character		Receipt Data.

Field	Type	Value	Description
TRANS_DATE	Character		Transaction date returned. **Example:** 2016.09.20
TRANS_TIME	Character		Transaction time returned. **Example:** 09:16:25

Transaction Performance Metric

Note

These fields are returned, if SCAPERFMETRIC parameter (Application Parameters) is enabled.

Field	Type	Value	Description
UI_TIME	Time		This indicates the time duration, for which the device screen is displayed (like error message, prompt screen, remove card screen) till any user action is performed in the command execution flow. This field is not applicable to capture the time for the Processing, Authorizing and transaction status screen. The format of the returned value would be S.sss, where S is seconds (this can be 0 to any positive integer) and sss is milliseconds. In case of any insignificant time or 0.000 value, will not be returned in the response. **Example:** `<UI_TIME>44.028</UI_TIME>`
HOST_TIME	Time		This indicates the time taken for the Connection to the host, sending request and receives data from the host. This field also take the cumulative time for multiple requests which may sent to the host during the transaction including two legged transactions, timeout requests, Auto Last Tran requests, DCC, Credit app proxy. The format of the returned value would be S.sss, where S is seconds (this can be 0 to any positive integer) and sss is milliseconds. In case of any insignificant time or 0.000 value, will not be returned in the response. **Example:** `<HOST_TIME>1.389</HOST_TIME>`
CMD_TIME	Time		This field indicates the total amount of time for a command, which is executed by the application from request received to the response sent. The format of the returned value would be S.sss, where S is seconds (this can be 0 to any positive integer) and sss is milliseconds. In case of any insignificant time or 0.000 value, will not be returned in the response. **Example:** `<CMD_TIME>70.765</CMD_TIME>`

Example

Following is an example of response packet

```
<RESPONSE>
        <AUTH_CODE>090435</AUTH_CODE>
        <CTROUTD>5</CTROUTD>
        <INTRN_SEQ_NUM>50408</INTRN_SEQ_NUM>
        <PAYMENT_TYPE>CREDIT</PAYMENT_TYPE>
        <RESULT>TIP MODIFIED </RESULT>
        <RESULT_CODE>17</RESULT_CODE>
        <TERMINATION_STATUS>SUCCESS</TERMINATION_STATUS>
```

```
        <TROUTD>859</TROUTD>
</RESPONSE>
```