SV FRAUD

Webservice Specification

2018

1. PREFACE
   1. Revision history

| Revision | Date | Author | Details |
| --- | --- | --- | --- |
| 1.0 | 13.11.2018 | Roman Galiullin | Initial document creation |
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* 1. Technical specification
     1. All services have a base path: /sv/rest/v1/
     2. All dates and datetimes have format yyyy-MM-dd’T’HH:mm:ss
     3. For body and response format uses JSON
     4. For authenticate uses Basic authentication

1. GET FRAUD LIST

HTTP GET /fraud/list/{offset}/{count}

* 1. Request

Path parameters

| Name | Data type | Size | Description |
| --- | --- | --- | --- |
| offset | int |  | Zero-based start row number |
| count | int |  | Rows count. 0 – all rows |

Query parameters

| Name | Data type | Size | Quantity | Description |
| --- | --- | --- | --- | --- |
| id | long |  | 0-1 | Identifier |
| instId | int |  | 0-1 | Id of the financial institution the record belongs to. |
| fileId | long |  | 0-1 | Reference to clearing file |
| disputeId | long |  | 0-1 | Dispute identifier |
| status | string | 8 | 0-1 | Current message state |

2.2 Response

| Name | Data type | Size | Quantity | Description |
| --- | --- | --- | --- | --- |
| offset | int |  | 1 | Zero-based start row number |
| count | int |  | 1 | Returned count rows |
| total | int |  | 1 | All count rows |
| entries | Array<FraudType> | 0-\* | 1 | list of rows with type FraudType |
| FraudType | | | | |
| id | long |  | 1 | Identifier |
| fileId | long |  |  | Reference to clearing file |
| incoming | boolean |  |  | Incoming indicator |
| rejected | boolean |  |  | Rejected indicator |
| disputeId | long |  |  | Dispute identifier |
| status | string | 8 |  | Current message state |
| c01 | string | 8 |  | Record type |
| c02 | string | 1-7 |  | issuer customer number |
| c03 | long |  |  | audit control number |
| c04 | string | 1-7 |  | acquirer |
| c05 | string | 23 |  | ARN |
| c06 | date |  |  | Fraud posted date |
| c07 | string | 19 |  | cardholder number |
| c08\_10 | datetime |  |  | transaction date/time |
| c09 | int |  |  | transaction amount u.s. dollar |
| c11 | int |  |  | transaction amount in currency of transaction |
| c12 | string | 3 |  | transaction currency code |
| c13 | int | 1 |  | transaction currency exponent |
| c14 | int |  |  | transaction amount cardholder billing |
| c15 | string | 3 |  | cardholder billing currency code |
| c16 | int | 1 |  | cardholder billing currency exponent |
| c17 | string | 3 |  | card type |
| c18 | string | 1-99 |  | merchant name |
| c19 | string | 1-15 |  | merchant number |
| c20 | string | 1-99 |  | merchant city |
| c21 | string | 3 |  | merchant state/province |
| c22 | string | 3 |  | merchant country |
| c23 | string | 1-10 |  | merchant postal code |
| c24 | string | 4 |  | mcc |
| c25 | string | 6 |  | field 25 |
| c26 | string | 2 |  | pos entry mode |
| c27 | string | 1-8 |  | terminal number |
| c28 | string | 8 |  | fraud type code |
| c29 | string | 8 |  | sub fraud type |
| c30 | string | 8 |  | chargeback indicator |
| c31 | string | 8 |  | counterfeit insurance eligibility |
| c32 | date |  |  | settlement date |
| c33 | string | 2 |  | authorization response code |
| c34 | string | 8 |  | delete duplicates flag |
| c35 | string | 3 |  | date the cardholder first reported the fraud to the issuer |
| c36 | string | 8 |  | addendum indicator |
| c37 | string | 8 |  | date cardholder reported fraud |
| c39 | string | 3 |  | cvc indicator |
| c44 | string | 8 |  | account device type |
| c45 | string | 3 |  | electronic commerce indicator |
| c46 | string | 1 |  | AVS response code |
| c47 | string | 1 |  | card present |
| c48 | string | 1 |  | terminal operating environment |
| format | string | 8 |  | enhancements indicator |
| instId | int |  |  | id of the financial institution the record belongs to |
| error1\_1 | string | 8 |  | error code 1 |
| error1\_2 | string | 8 |  | field containing error 1 |
| error2\_1 | string | 8 |  | error code 2 |
| error2\_2 | string | 8 |  | field containing error 2 |
| error3\_1 | string | 8 |  | error code 3 |
| error3\_2 | string | 8 |  | field containing error 3 |
| error4\_1 | string | 8 |  | error code 4 |
| error4\_2 | string | 8 |  | field containing error 4 |
| error5\_1 | string | 8 |  | error code 5 |
| error5\_2 | string | 8 |  | field containing error 5 |

1. CREATE FRAUD

HTTP POST /fraud

* 1. Request

Body

| Name | Data type | Size | Description |
| --- | --- | --- | --- |
| See 2.2 - FraudType | | | |

* 1. Response

| Name | Data type | Size | Description |
| --- | --- | --- | --- |
| See 2.2 - FraudType | | | |

1. UPDATE FRAUD

HTTP PUT /fraud/{id}

* 1. Request

Path parameters

| Name | Data type | Size | Description |
| --- | --- | --- | --- |
| id | long |  | Indetifier |

Body

| Name | Data type | Size | Description |
| --- | --- | --- | --- |
| See 2.2 - FraudType | | | |

* 1. Response

| Name | Data type | Size | Description |
| --- | --- | --- | --- |
| See 2.2 - FraudType | | | |

1. DELETE FRAUD

HTTP DELETE /fraud/{id}

* 1. Request

Path parameters

| Name | Data type | Size | Description |
| --- | --- | --- | --- |
| id | long |  | Indetifier |

* 1. Response

| Name | Data type | Size | Description |
| --- | --- | --- | --- |
| empty | | | |