epx
electronic payment exchange

Transaction Specs - Account Query

October 2021

REVISION HISTORY

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5/23/16	2.0	C. Meaney	Reformatting

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EPX Transaction Specs - Account Query Overview

When processing with EPX, merchants can send the Account Query transaction type (SS03) with an account number, track data, or a BRIC from a prior transaction to perform a query of the associated account number's card attributes. These attributes are sent back in additional fields that require an Enhanced Response Level of 2 or higher. For more information on these attributes, please refer to the *EPX Enhanced Response Data Dictionary*.

The supported card types for this transaction are Visa, MasterCard, Discover, and American Express. An example request is provided for each transaction type listed in XML format. The request fields can also be sent in a Key-Value pair format over HTTPS. For this transaction all fields listed are mandatory.

NOTE: Response examples are shown using Enhanced Response Level 5. The AUTH_ACCOUNT_NBR field can be made available in the profile setup and this value may also be a cryptogram

Account Query Transaction Using Account Number

Request XML

```
<DETAIL CUST_NBR="1234" MERCH_NBR="1234567" DBA_NBR="1" TERMINAL_NBR="1">
<ACCOUNT_NBR>4111171111111115</ACCOUNT_NBR>
<EXP_DATE>2512</EXP_DATE>
<CARD_ENT_METH>X</CARD_ENT_METH>
<TRAN_TYPE>SS03</TRAN_TYPE>
<BATCH_ID>20130205</BATCH_ID>
<TRAN_NBR>11</TRAN_NBR>
<MAC>i4qUSErQ3SqTJxYost7/7I51AR35sfus</MAC>
</DETAIL>
```

Response

```
<RESPONSE>
<FIELDS>
<FIELD KEY="MSG_VERSION">003</FIELD>
<FIELD KEY="CUST_NBR">1234</FIELD>
<FIELD KEY="MERCH_NBR">1234567</FIELD>
<FIELD KEY="DBA_NBR">1</FIELD>
<FIELD KEY="TERMINAL_NBR">1</FIELD>
<FIELD KEY="TRAN_TYPE">SS03</FIELD>
<FIELD KEY="BATCH_ID">20130205</FIELD>
<FIELD KEY="TRAN_NBR">11</FIELD>
<FIELD KEY="LOCAL_DATE">020513</FIELD>
<FIELD KEY="LOCAL_TIME">095240</FIELD>
<FIELD KEY="AUTH_GUID"> 027B5PYY3JN9FRN9GB0</FIELD>
<FIELD KEY="AUTH_RESP">00</FIELD>
<FIELD KEY="AUTH_CODE">019885</FIELD>
<FIELD KEY="AUTH_AVS"> </FIELD>
<FIELD KEY="AUTH_RESP_TEXT">APPROVAL 019885</FIELD>
<FIELD KEY="AUTH_CARD_TYPE">V</FIELD>
<FIELD KEY="AUTH_TRAN_DATE_GMT">02/05/2013 02:52:40 PM</FIELD>
<FIELD KEY="AUTH_CARD_COUNTRY_CODE">840</FIELD>
<FIELD KEY="AUTH_CARD_CURRENCY_CODE">840</FIELD>
<FIELD KEY="AUTH_CARD_A">C</FIELD>
<FIELD KEY="AUTH_CARD_B">D</FIELD>
<FIELD KEY="AUTH_CARD_C">F</FIELD>
```

```
<FIELD KEY="AUTH_CARD_E">N</FIELD>
<FIELD KEY="AUTH_CARD_F">Y</FIELD>
<FIELD KEY="AUTH_CARD_G">N</FIELD>
<FIELD KEY="AUTH_CARD_I">Y</FIELD>
<FIELD KEY="NETWORK_RESPONSE">00</FIELD>
<FIELD KEY="AUTH_MASKED_ACCOUNT_NBR">************1115</FIELD>
</FIELDS>
</RESPONSE>
```

Account Query Transaction Using Track Data

Request XML

```
<DETAIL CUST_NBR="1234" MERCH_NBR="1234567" DBA_NBR="1" TERMINAL_NBR="1">
<TRACK_ DATA>B4111171111111115^CARD/TEST^10121010000012345678</TRACK_ DATA>
<CARD_ENT_METH>H</CARD_ENT_METH>
<TRAN_TYPE>SS03</TRAN_TYPE>
<BATCH_ID>20130205</BATCH_ID>
<TRAN_NBR>12</TRAN_NBR>
<MAC>i4qUSErQ3SqTJxYost7/7I51AR35sfus</MAC>
</DETAIL>
```

Response

```
<RESPONSE>
<FIELDS>
<FIELD KEY="MSG_VERSION">003</FIELD>
<FIELD KEY="CUST_NBR">1234</FIELD>
<FIELD KEY="MERCH_NBR">1234567</FIELD>
<FIELD KEY="DBA_NBR">1</FIELD>
<FIELD KEY="TERMINAL_NBR">1</FIELD>
<FIELD KEY="TRAN_TYPE">SS03</FIELD>
<FIELD KEY="BATCH_ID">20130205</FIELD>
<FIELD KEY="TRAN_NBR">12</FIELD>
<FIELD KEY="LOCAL_DATE">020513</FIELD>
<FIELD KEY="LOCAL_TIME">095240</FIELD>
<FIELD KEY="AUTH_GUID"> 027B5PP2XKJK9GE4GDJ</FIELD>
<FIELD KEY="AUTH_RESP">00</FIELD>
<FIELD KEY="AUTH_CODE">500873</FIELD>
<FIELD KEY="AUTH_AVS"> </FIELD>
<FIELD KEY="AUTH_RESP_TEXT">APPROVAL 500873</FIELD>
<FIELD KEY="AUTH_CARD_TYPE">V</FIELD>
<FIELD KEY="AUTH_TRAN_DATE_GMT">02/05/2013 02:52:40PM</FIELD>
<FIELD KEY="AUTH_CARD_COUNTRY_CODE">840</FIELD>
<FIELD KEY="AUTH_CARD_CURRENCY_CODE">840</FIELD>
<FIELD KEY="AUTH_CARD_A">C</FIELD>
<FIELD KEY="AUTH_CARD_B">D</FIELD>
<FIELD KEY="AUTH_CARD_C">F</FIELD>
<FIELD KEY="AUTH_CARD_E">N</FIELD>
```

```
<FIELD KEY="AUTH_CARD_F">Y</FIELD>
<FIELD KEY="AUTH_CARD_G">N</FIELD>
<FIELD KEY="AUTH_CARD_I">Y</FIELD>
<FIELD KEY="NETWORK_RESPONSE">00</FIELD>
<FIELD KEY="AUTH_MASKED_ACCOUNT_NBR">************1115</FIELD>
</FIELDS>
</RESPONSE>
```

Account Query Transaction Using a Storage BRIC

Request XML

```
<DETAIL CUST_NBR="1234" MERCH_NBR="1234567" DBA_NBR="1" TERMINAL_NBR="1">
<ORIG_AUTH_GUID>027B5PLNNQ6NHRV2FJF</ORIG_AUTH_GUID>
<CARD_ENT_METH>Z</CARD_ENT_METH>
<TRAN_TYPE>SS03</TRAN_TYPE>
<BATCH_ID>20130205</BATCH_ID>
<TRAN_NBR>13</TRAN_NBR>
<MAC>i4qUSErQ3SqTJxYost7/7I51AR35sfus</MAC>
</DETAIL>
```

Response

```
<RESPONSE>
<FIELDS>
<FIELD KEY="MSG_VERSION">003</FIELD>
<FIELD KEY="CUST_NBR">1234</FIELD>
<FIELD KEY="MERCH_NBR">1234567</FIELD>
<FIELD KEY="DBA_NBR">1</FIELD>
<FIELD KEY="TERMINAL_NBR">1</FIELD>
<FIELD KEY="TRAN_TYPE">SS03</FIELD>
<FIELD KEY="BATCH_ID">20130205</FIELD>
<FIELD KEY="TRAN_NBR">13</FIELD>
<FIELD KEY="LOCAL_DATE">020513</FIELD>
<FIELD KEY="LOCAL_TIME">095240</FIELD>
<FIELD KEY="AUTH_GUID">027B5PM62HYB76L8FMU</FIELD>
<FIELD KEY="AUTH_RESP">00</FIELD>
<FIELD KEY="AUTH_CODE">515902</FIELD>
<FIELD KEY="AUTH_AVS"> </FIELD>
<FIELD KEY="AUTH_RESP_TEXT">APPROVAL 515902</FIELD>
<FIELD KEY="AUTH_CARD_TYPE">V</FIELD>
<FIELD KEY="AUTH_TRAN_DATE_GMT">02/05/2013 02:52:40 PM</FIELD>
<FIELD KEY="AUTH_CARD_COUNTRY_CODE">840</FIELD>
<FIELD KEY="AUTH_CARD_CURRENCY_CODE">840</FIELD>
<FIELD KEY="AUTH_CARD_A">C</FIELD>
<FIELD KEY="AUTH_CARD_B">D</FIELD>
<FIELD KEY="AUTH_CARD_C">F</FIELD>
<FIELD KEY="AUTH_CARD_E">N</FIELD>
```

```
<FIELD KEY="AUTH_CARD_F">Y</FIELD>
<FIELD KEY="AUTH_CARD_G">N</FIELD>
<FIELD KEY="AUTH_CARD_I">Y</FIELD>
<FIELD KEY="AUTH_AMOUNT_REQUESTED">0.0000</FIELD>
<FIELD KEY="AUTH_CURRENCY_CODE">840</FIELD>
<FIELD KEY="NETWORK_RESPONSE">00</FIELD>
<FIELD KEY="AUTH_MASKED_ACCOUNT_NBR">************1115</FIELD>
</FIELDS>
</RESPONSE>
```