

# **Test Environment Account Error Generation**

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The logo for Authorize.Net, featuring the brand name in a large, blue, serif font. Below it, the text "a CyberSource solution" is written in a smaller, grey, sans-serif font.

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# Introduction

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Often, when testing transaction processing, you may want to set up a transaction in order to receive a specific response. This document lists values you can use to trigger certain transaction responses when using your test account. Please note that some values you may have used in the past are being phased out; these are listed in [Transaction Amount Triggers \(legacy\)](#).

## Prerequisites

This document assumes you are using an Authorize.Net developer test account. In this environment, test transactions are posted to **<https://test.authorize.net/gateway/transact.dll>**. Although this is a staging environment, its behavior mimics the live payment gateway. Transactions submitted to the test environment using a developer test account are **not** submitted to financial institutions for authorization and are not stored in the Merchant Interface.

In order to use this environment, you must have an Authorize.Net developer test account with an associated API Login ID and Transaction Key. Test transactions to this environment are accepted with these credentials only. If you do not have a developer test account, you can sign up for one at <http://developer.authorize.net/testaccount>.

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**Note:** You do not need to use Test Mode when testing with a developer test account. For more information about Test Mode, see the *Merchant Integration Guide* at <http://www.authorize.net/support/merchant/>.

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# Error Generation

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In all of the tables, the first column shows the value to use to trigger the response shown in the second column.

## General Responses

Use the following zip code to generate declined transactions.

ZIP CODE	RESPONSE CODE	RESPONSE TEXT	NOTES
46282	2	This transaction has been declined.	General bank decline

## AVS Responses

When testing AVS, use the following zip codes to generate specific AVS responses.

ZIP CODE	AVS RESPONSE	AVS STATUS	NOTES
46206	P	AVS Not Applicable	
46203	E	AVS data provided is invalid or AVS is not allowed for the card type that was used.	
46207	R	The AVS system was unavailable at the time of processing.	
46204	G	The card issuing bank is of non-U.S. origin and does not support AVS.	Not applicable to American Express
46209	U	The address information for the cardholder is unavailable.	
46208	S	The U.S. card issuing bank does not support AVS.	
46205	N	Address: No Match ZIP Code: No Match	
46201	A	Address: Match ZIP Code: No Match	
46217	Z	Address: No Match ZIP Code: Match	
46211	W	Address: No Match	Not applicable to American

ZIP CODE	AVS RESPONSE	AVS STATUS	NOTES
		ZIP Code: Matched 9 digits	Express
46214	X	Address: Match ZIP Code: Matched 9 digits	Not applicable to Visa or American Express

## CVV Responses

When testing CVV, use the following card codes to generate specific CVV responses.

CARD CODE	CVV RESPONSE	CVV STATUS
900	M	Successful Match
901	N	Does NOT Match
904	P	Is NOT Processed
902	S	Should be on card, but is not indicated
903	U	Issuer is not certified or has not provided encryption key

## Partial Authorization Responses

When testing partial authorization, use the following zip codes to produce specific responses.

ZIP CODE	RESULT	REMAINING BALANCE	AUTHORIZED AMOUNT
46225	Partial Authorization	n/a	\$1.23
46226	Prepaid Authorization	\$1.23	Full amount
46227	Prepaid Authorization	-\$1.23 (negative balance; see below)	Full amount
46228	Prepaid Authorization	\$0	Full amount

### In what circumstances would a card have a negative balance?

A prepaid card would have a negative balance if, for example, it was a reloadable card, which is typically linked to a bank account; such a card often has a monthly fee. If the consumer has used the complete balance and a fee is assessed, there would be a negative balance prior to the card being reloaded.

# Transaction Amount Triggers (legacy)

Using a transaction amount to trigger specific responses may cease to function without notice. The following tables list current correspondences between transaction amounts and specific responses.

**Note:** These values will be phased out in 2011 in favor of the zip code values.

## General Responses

AMOUNT	RESPONSE CODE	RESPONSE TEXT	NOTES
\$70.02	2	This transaction has been declined.	General bank decline
\$70.03	3	This transaction has been declined.	Referral to voice authorization
\$70.05	35	An error occurred during processing. Call Merchant Service Provider	Unknown error occurred during processing

## AVS Responses

AMOUNT	Visa	MasterCard	American Express	Discover
\$70.40	E	X	E	X
\$70.42	A	A	A	A
\$70.43	Z	Z	Z	Z
\$70.44	N	N	N	N
\$70.45	U	U	U	U
\$70.46	S	S	S	S
\$70.47	R	R	R	R
\$70.48	E	W	N	W

AMOUNT	Visa	MasterCard	American Express	Discover
\$70.55	Y	E	Z	E
\$70.56	E	E	Y	E
\$70.57	Y	E	A	E
\$70.58	E	W	N	W
\$70.60	A	E	E	E
\$70.61	G	E	E	E
\$70.62	Y	E	Z	E
\$70.63	Y	E	A	E

AMOUNT	Visa	MasterCard	American Express	Discover
\$70.49	P	E	Y	E
\$70.50	G	E	E	E
\$70.51	E	E	Z	E
\$70.52	Y	E	Y	E
\$70.53	E	E	A	E
\$70.54	E	E	U	E

AMOUNT	Visa	MasterCard	American Express	Discover
\$70.64	G	E	E	E
\$70.65	N	E	E	E
\$70.66	Y	E	Y	E
\$70.67	Z	E	E	E
\$70.94	P	P	P	P

## CVV Responses

CARD CODE	CVV RESPONSE	CVV STATUS
\$70.70	M	Successful Match
\$70.71	N	Does NOT Match
\$70.72	P	Is NOT Processed
\$70.73	S	Should be on card, but is not indicated
\$70.74	U	Issuer is not certified or has not provided encryption key