

TestLabs

The GPayments **TestLabs** consists of a live **Directory Server** and **Access Control Server**. It has different cardholder scenarios setup for clients to perform functional testing with their **ActiveServer** instance. All card schemes supported by **ActiveServer** are supported by **TestLabs**.

Integrating with ActiveServer

For information on integrating with **ActiveServer** to make a test transaction, you can refer to the [integration guides](#).

On premise users only: setting up DS Profiles

For on premise users only, **DS Profiles** allows a single instance to connect to both card scheme **Production Directory Servers** and the GPayments **TestLabs**. Setup must be completed before TestLabs can be utilised. For more information on configuration, please see the [DS Profiles guide](#).

TestLabs setup

For all TestLabs transactions, the default merchant (**Test Merchant**, with Merchant ID **123456789012345**) must be used. This includes using the [client certificate](#) available in its merchant profile.

The following fields must also be used when performing a transaction:

- **Card holder name** - value must either be **Test Card** or an empty value
- **Expiry date (YYMM)** - value must either be **2508** or an empty value

Warning

Not setting the above values correctly will cause the transaction to fail.

Authentication success - frictionless

- | Visa | Mastercard | JCB | American Express | Discover |
|-------------------|-------------------|-------------------|-------------------|--|
| 41000000000000100 | 51000000000000107 | 35280000000000106 | 34000000000000108 | 64400000000000000
36000000000000000 |

Authentication success - challenge

- ActiveServer Ver: V2.0.6 | Document Ver: V2.0.6:2

Visa	Mastercard	JCB	American Express	Discover
4100000000005000	5100000000005007	3528000000005006	3400000000005008	6440000000005009

Authentication attempt

- **Description** - Transaction will attempt to perform authentication, before returning an attempts response.
- **ARes result:**
 - Transaction Status = A
 - ECI = 06 or 01 (Mastercard)
 - Authentication Value is present

- **Card numbers:**

Visa	Mastercard	JCB	American Express	Discover
4100000000100009	5100000000100006	3528000000100005	3400000000100007	6440000000100008

Authentication failed

- **Description** - Transaction will step up to a challenge using a password. Enter the password "111111" and submit to simulate the cardholder not being authenticated.
- **ARes result:**
 - Transaction Status = C
- **RReq result:**
 - Transaction Status = N
 - ECI = 00
 - Authentication Value is not present
- **Card numbers:**

Visa	Mastercard	JCB	American Express	Discover
4100000000300005	5100000000300002	3528000000300001	3400000000300003	644000000036000000

Authentication unavailable

- **Description** - Transaction will end with authentication unavailable, due to a simulated technical error with the ACS.

- **ARes result:**

- Transaction Status = U
- ECI is dependant on card scheme specific rules
- Authentication Value is not present

- **Card numbers:**

Visa	Mastercard	JCB	American Express	Discover
4100000000400003	5100000000400000	3528000000400009	3400000000400001	644000000036000000

Authentication rejected

- **Description** - Transaction will end with the authentication being rejected by the ACS.

- **ARes result:**

- Transaction Status = R
- ECI is dependant on card scheme specific rules
- Authentication Value is not present

- **Card numbers:**

Visa	Mastercard	JCB	American Express	Discover
4100000000500000	5100000000500007	3528000000500006	3400000000500008	644000000036000000