

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.

TestLabs scenarios

The below scenarios can be initiated by using the listed card numbers when performing a transaction with the **GPayments TestLabs**:

Authentication success - frictionless

- **Description** - Transaction will complete without any challenge from the ACS.
- **ARes result:**
 - Transaction Status = Y
 - ECI = 05 or 02 (Mastercard)
 - Authentication Value is present
- **Card numbers:**

Visa	Mastercard	JCB	American Express	Discover
4100000000000100	5100000000000107	3528000000000106	3400000000000108	6440000000000109 3600000000000109

Authentication success - frictionless (with 3DS Method)

- **Description** - Transaction will complete without any challenge from the ACS, after the 3DS Method is completed by the ACS.
- **ARes result:**
 - Transaction Status = Y
 - ECI = 05 or 02 (Mastercard)
 - Authentication Value is present
- **Card numbers:**

Visa	Mastercard	JCB	American Express	Discover
4100000000600008	5100000000600005	3528000000600004	3400000000600006	6440000000600007 3600000000600007

Authentication success - challenge

- **Description** - Transaction will step up to a challenge using a password. Enter the password "123456" and submit to complete the transaction.

- **ARes result:**

- Transaction Status = C

- **RReq result:**

- Transaction Status = Y
- ECI = 05 or 02 (Mastercard)
- Authentication Value is present

- **Card numbers:**

Visa	Mastercard	JCB	American Express	Discover
4100000000005000	5100000000005007	3528000000005006	3400000000005008	6440000000005009 3600000000005010

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 3600000000100009

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 is dependant on card scheme specific rules
- 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	6440000000500009