

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 it's 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 | 64400000000000003600000000 |

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 | 340000000600006 | 6440000000600000 |

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 | 6440000000000000 3600000000000000 |

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 | 340000000100007 | 6440000000000000 3600000000000000 |

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 | 340000000300003 | 64400000036000000 |

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 | 340000000400001 | 64400000036000000 |

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 | 340000000500008 | 644000000 360000000 |