

# 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 - 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