

Create PayPal Production and sandbox accounts - REST API V2

About PayPal

Logo	
Info	processes PayPal payments, which offers you worldwide merchant protection and a potential of 425 million international customers in more than 200 countries. PayPal is one of the most popular online payment methods and it can be used in e- and m-Commerce.
Type	Payments by eWallet

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General information about PayPal

PayPal has remained at the forefront of the digital payment revolution for more than 20 years. By leveraging technology to make financial services and commerce more convenient, affordable, and secure, the PayPal platform is empowering more than 425 million customers and merchants in more than 200 markets to join and thrive in the global economy.

Customers in Germany can pay via direct debit, giro pay or credit card (American Express, Diners Club, Discover, MasterCard, Visa). Members log into their PayPal account with their email address and a password during checkout and choose the preferred funding source - direct debit, credit card, PayPal credit (Pay Later) and, if applicable purchase on account or by instalment.

For more details visit <https://www.paypal.com/>.

PayPal Shortcut (former "Express Checkout Shortcut (ECS)")

offers the PayPal Shortcut to shorten the order process: Your customer does not need to enter any address data but rather click on Checkout with PayPal in the shopping cart area, log on and select the invoice- and delivery address retained by PayPal. then sends the delivery address as a result parameter back to your shop.

Buyers and vendors are protected

PayPal offers buyers and merchants extensive buyer/vendor protection in case "Pay with PayPal" is used as payment method (this excludes alternative payment methods). Buyers are able to claim money back from PayPal in the event of non-fulfilment of a contract of sale. With address verification and PayPal seller protection PayPal removes the merchant of the risk of payment failures in the case of direct debit payments, German credit card payments and unjustified customer complaints. Vendor protection is always linked to PayPal rules and conditions. PayPal risk management with buyer protection and address verification is provided to you via the .

Payment online globally

PayPal is particularly beneficial for overseas customer acquisition. supports all currencies and markets offered by PayPal. In many countries PayPal offers customers typical payment methods for their country. Customers abroad can often use typical payment methods such as prepaid cards in Italy or debit cards in the UK. Integrating PayPal into your shop provides the option to present your customers several payment methods at once. Of course you are also free to just present "Pay with PayPal" only.

Advantages of Orders V2 ("PayPal Checkout")

Orders V2 has the following advantages against PayPal NVP and SOAP.

- Orders V2 is the **basis for any future development of products and featured** by PayPal. PayPal will not develop any new feature/extend existing functionality based on PayPal NVP and SOAP anymore.
- Orders V2 adheres to the latest compliance standards.
- Orders V2 offers smoother checkout process using a lightbox (by using JS SDK, so-called "PayPal Mini Browser"), a window overlay that appears on top of the merchant's online shop page. This allows the customer to stay on merchant's page and to not lose focus.

Further information can be found on the webpage of PayPal (<https://www.paypal.com>).

Important information

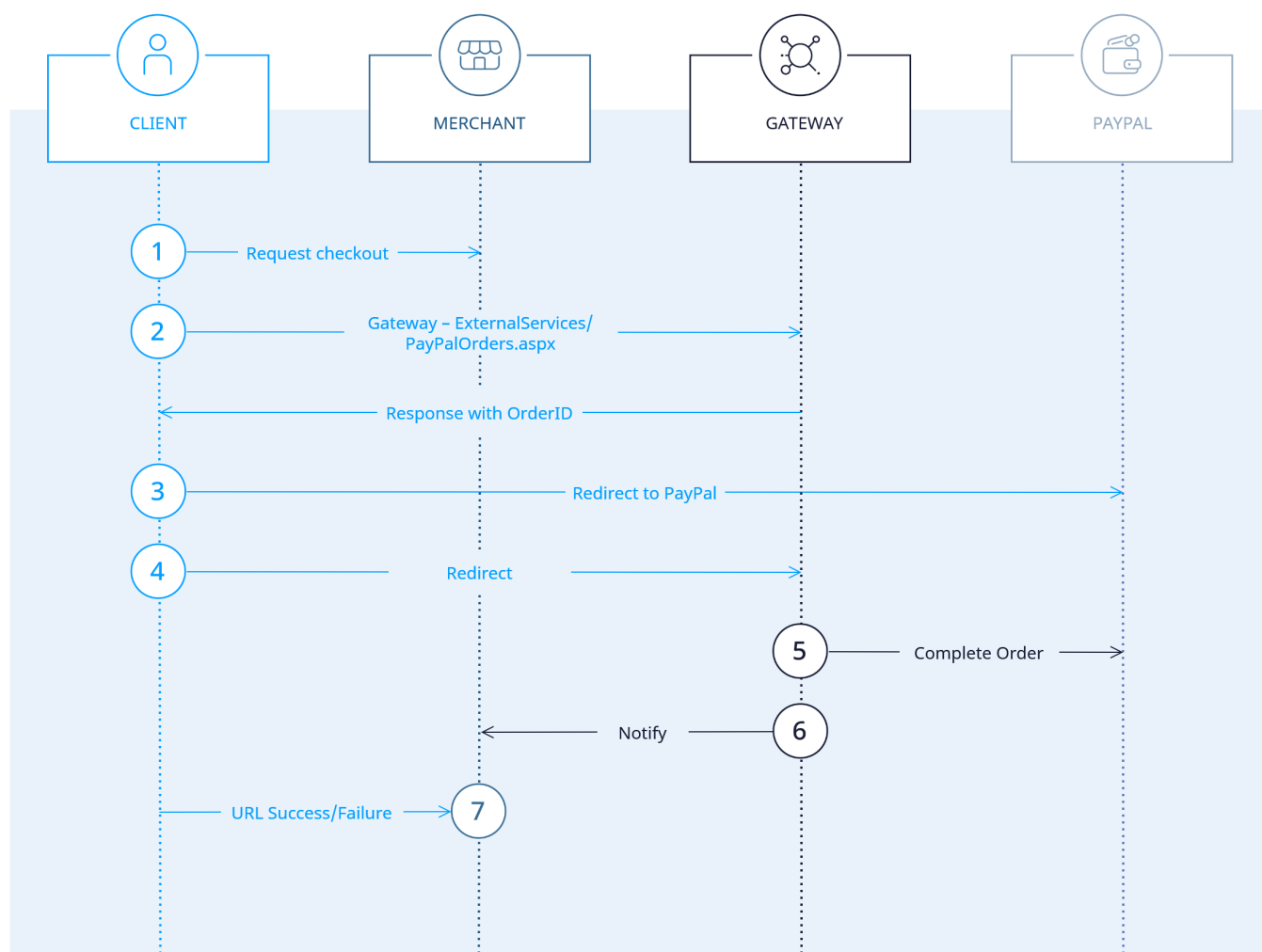
i Please note that, unlike our currency table, the currencies HUF (Hungarian Forints), JPY (Japanese Yen) and TWD (Republic of China Taiwan-Dollars) must be given without decimal places.

Example: To transfer 100.00 HUF one enters the amount=100.

This exception applies only for the PayPal payment method. For more details refer to <https://developer.paypal.com/reference/currency-codes/>.

i If you want to use the MassPay functionality, please contact the to activate this function for you.

Process flow



PayPal process flow

Configuration for PayPal

PayPal Sandbox test account

If you prefer to test the integration before going Live, and you do not have PayPal Sandbox test account, you should create PayPal Sandbox test account as first step.

1. Login to <https://developer.paypal.com/> and go to "Testing Tools" => "Sandbox Accounts"

The screenshot shows the 'Sandbox test accounts' page in the PayPal Developer Dashboard. The page title is 'Sandbox test accounts'. Below the title, there is a description: 'Test your application and mimic live transactions using sandbox test accounts.' followed by two bullet points: 'Default personal and business accounts have been created for you.' and 'Create and manage more sandbox accounts as needed.' Below this, there is a link to 'authenticate with the credentials of the test account you want to link.' and a link to 'International developer questions'. There is also a link to 'Sandbox Testing Guide'. Below the links, there is a section 'Sandbox Accounts:' with a 'Total Accounts: 5' and two buttons: 'Create bulk accounts' and 'Create account'. Below this is a table with columns: 'Account name', 'Type', 'Country', 'Date created', and a settings icon. The table contains two rows: one for a Business account (sb-01mtty25433263@business.example.com) created on 3 Apr 2023, and one for a Personal account (sb-mdjvhv20296944@personal.example.com) created on 18 Aug 2022.

☐ Account name	Type	Country	Date created	
☐ sb-01mtty25433263@business.example.com	Business	DE	3 Apr 2023	⋮
☐ sb-mdjvhv20296944@personal.example.com	Personal	DE	18 Aug 2022	⋮

2. Click "Create account" and choose "Business (Merchant Account)" & Germany as "Country / Region".

The screenshot shows the 'Create Sandbox Account' page in the PayPal Developer Dashboard. The page title is 'Create Sandbox Account'. Below the title, there is a description: 'Choose your account type and country that will be used for live payments.' Below this, there is a section 'Account Type' with two radio buttons: 'Personal (Buyer Account)' and 'Business (Merchant Account)'. The 'Business (Merchant Account)' option is selected. Below this is a section 'Country / Region' with a dropdown menu showing 'Germany'. Below the dropdown is a 'Create' button. At the bottom, there is a link to 'Create custom account'.

Account Type

☐ Personal (Buyer Account)

☒ Business (Merchant Account)

Country / Region

Country or region
Germany

Create

Do you want a more customized account?
[Create custom account](#)

PayPal Developer Dashboard

Home Apps & Credentials **Testing Tools** Event Logs

Sandbox ☒ Live

You're in sandbox mode.

Sandbox test accounts

✓ The sandbox account was created successfully.

Test your application and mimic live transactions using sandbox test accounts.

- Default personal and business accounts have been created for you.
- Create and manage more sandbox accounts as needed.

To link other accounts created in sandbox to your developer account, [authenticate with the credentials of the test account you want to link](#).

Developers outside of the US should read our [international developer questions](#).

See also: the [Sandbox Testing Guide](#).

Sandbox Accounts: [Create bulk accounts](#) [Create account](#)

Total Accounts: 6

☐ Account name	Type	Country	Date created	⚙
☐ sb-v2fgv25433561@business.example.com	Business	DE	3 Apr 2023	⋮
☐ sb-o1mty25433263@business.example.com	Business	DE	3 Apr 2023	⋮

3. Choose "View/Edit account"

PayPal Developer Dashboard

Home Apps & Credentials **Testing Tools** Event Logs

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☐ sb-v2fgv25433561@business.example.com	Business	DE	3 Apr 2023	⋮
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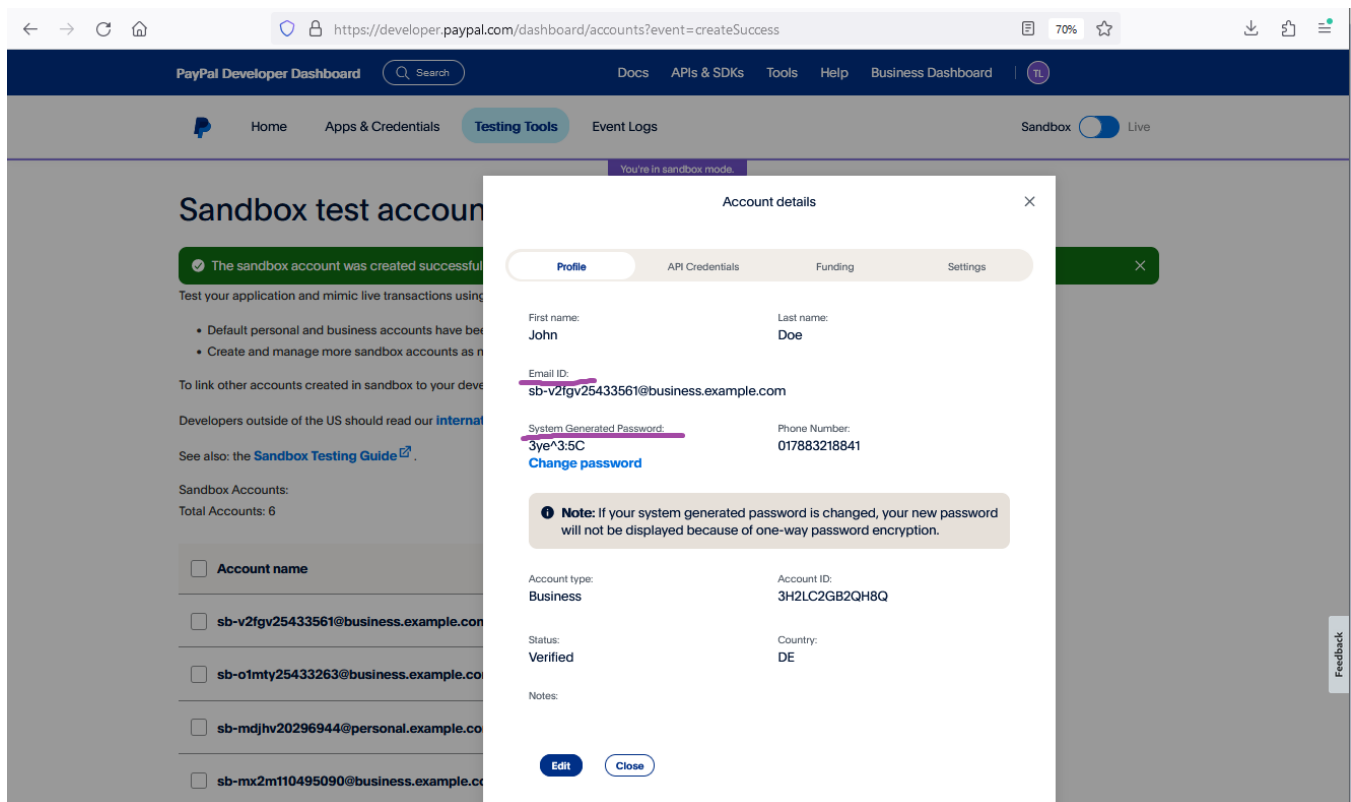
View/Edit account

Duplicate account

View notifications

Delete

4. Take "Email ID" and "System Generated Password" and use them as Login/Pass for Sandbox on the next step.



Grant permissions to for transaction processing

In order to allow processing transactions on your behalf, corresponding permissions should be granted to .

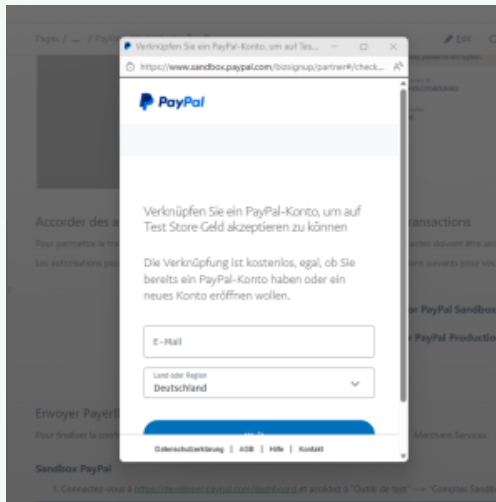
Permissions can be granted to under your PayPal account. Please use the following links to login into your PayPal account and follow the steps.

[Sign up for PayPal Sandbox](#)

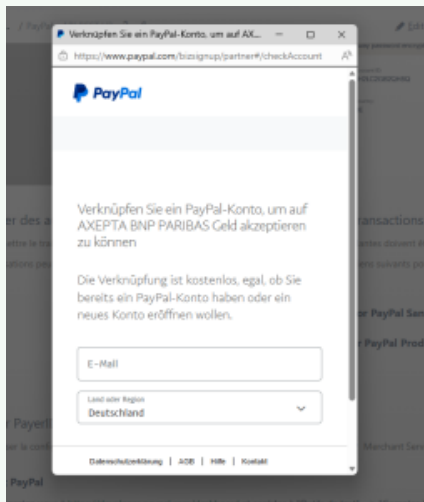
[Sign up for PayPal Production](#)

- ✓ The pages will be displayed in **German**.

Sandbox



Prod



Send PayerID to Merchant Services

To complete merchant setup on side, you should send PayerID to Merchant Services.

PayPal Sandbox

1. Login to <https://developer.paypal.com/dashboard> and go to "Testing tools" --> "Sandbox Accounts".

PayPal Developer Dashboard
Docs
APIs & SDKs
Tools
Help
Business Dashboard
TL Tatiana Lashkova

Home
Apps & Credentials
Testing Tools
Event Logs
Sandbox ☒ Live

Welcome to PayPal
Get started with step-by-step advice for setting up your account.

Sandbox Accounts
Sandbox Notifications
Webhook Simulator

In sandbox mode.

Showing
Default Application

Date range
Last 12 hours

2. Select the appropriate Sandbox merchant account and notify Merchant Services about "Account ID".

PayPal Developer Dashboard
Docs
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TL Tatiana Lashkova

Home
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Sandbox ☒ Live

You're in sandbox mode.

Sandbox account info

Name	John Doe	PayPal balance	5.000,00 EUR
Phone	017883218841	Bank account number	Not available
Account type	Business	Bank routing number	Not available
Account ID	3H2LC2GB2QH8Q	Credit card number	4020021063170520
Status	Verified	Credit card type	VISA
Country	DE	Expiration date	05/2028

PayPal Production

PayerID can be found under your PayPal account by <https://paypal.com/myaccount/settings/> , as follows. PayerID uniquely identifies merchant in PayPal.

← → ↻ paypal.com/myaccount/settings/ 🔒 ☆ ⚙️ □ 👤

☰ 🔔

KONTO SICHERHEIT DATEN & DATENSCHUTZ ZAHLUNGEN

BENACHRICHTIGUNGEN VERKÄUFER-TOOLS

Mein Profil



Foto
aktualisieren

Namen

ändern

paypal.me, **Verwalten**



Verkaufen Sie wie ein Profi mit einem Verkäuferprofil
[Profil erstellen](#)

Kontoeinstellungen

Sprache Deutsch ▼

Zeitzone (GMT+01:00) Mitteleuropäische Zeit ▼

Nationalität Deutschland

Händler-Nr.