

# OpenCart API Doc

## Overview

To use the OpenCart API, enable it in the **Admin** panel:

1. Navigate to **System → Users → API**.
  2. You will see a predefined user named “**Default**.”
  3. Edit the user, generate an API key, and set **Status = Enabled**.
  4. Add your IP address to the list of allowed IPs.
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## 1. Authentication

**Endpoint:** api/login

**Method :** POST

**Body(x-www-form-urlencoded):**

Key	Description
<b>username</b>	API username configured in admin
<b>key</b>	API key generated for the API user

**Response:**

```
{  
    "success": "Success: API session successfully started!",  
    "api_token": "your_generated_token"  
}
```

---

## 2. Currency

**Endpoint:** api/currency

**Method :** POST

**Body(x-www-form-urlencoded):**

Key	Description
currency	Currency code (e.g., USD, EUR)

### Response:

```
{  
    "success": "Success: Your currency has been changed!"  
}
```

---

## 3. Cart

### Add Product

**Endpoint:** api/cart/add

**Method :** POST

**Body(x-www-form-urlencoded):**

Key	Description
product_id	The ID of the product to add
quantity	Quantity (optional, default = 1)

### Response:

```
{  
    "success": "Success: You have modified your shopping cart!"  
}
```

---

### Edit Quantity

**Endpoint:** api/cart/edit

**Method :** POST

**Body(x-www-form-urlencoded):**

Key	Description
key	The cart ID for the product got from <b>api/cart/products</b>
quantity	New quantity value

### Response:

```
{  
    "success": "Success: You have modified your shopping cart!"  
}
```

---

## Remove Product

**Endpoint:** api/cart/remove

**Method :** POST

**Body(x-www-form-urlencoded):**

Key	Description
key	The cart ID for the product got from <b>api/cart/products</b>

**Response:**

```
{  
    "success": "Success: You have modified your shopping cart!"  
}
```

---

## View Cart

**Endpoint:** api/cart/products

**Method :** GET

**Response Example:**

```
{  
    "products": [  
        {  
            "cart_id": "15",  
            "product_id": "43",  
            "name": "MacBook",  
            "model": "Product 16",  
            "option": [],  
            "quantity": "1",  
            "stock": true,  
            "shipping": "0",  
            "price": "$602.00",  
            "total": "$602.00",  
            "image": "https://www.example.com/images/macbook-product-16.jpg"  
        }  
    ]  
}
```

```

        "reward": 600
    }
],
"vouchers": [],
"totals": [
{
    "title": "Sub-Total",
    "text": "$500.00"
},
{
    "title": "Eco Tax (-2.00)",
    "text": "$2.00"
},
{
    "title": "VAT (20%)",
    "text": "$100.00"
},
{
    "title": "Total",
    "text": "$602.00"
}
]
}

```

## 4. Coupon

**Endpoint:** api/coupon

**Method :** POST

**Body(x-www-form-urlencoded):**

Key	Description
<b>coupon</b>	Coupon code to apply (You got from Admin)

**Response:**

```
{
    "success": "Success: Your coupon discount has been applied!"
}
```

## 5. Customer

**Endpoint:** api/customer

**Method :** POST

**Body(x-www-form-urlencoded):**

Key	Description
firstname	Customer first name
lastname	Customer last name
email	Customer email address
telephone	Contact number

**Response:**

```
{  
    "success": "Success: Customer details have been set!"  
}
```

---

## 6. Voucher

### Apply Existing Voucher

**Endpoint:** api/voucher

**Method :** POST

**Body(x-www-form-urlencoded):**

Key	Description
voucher	Existing voucher code to apply (Get the code from admin panel)

**Response:**

```
{  
    "success": "Success: Your gift certificate discount has been applied!"  
}
```

---

### Add New Voucher to your cart

**Endpoint:** api/voucher/add

**Method :** POST

**Body(x-www-form-urlencoded):**

Key	Description
from_name	Sender name
from_email	Sender email
to_name	Recipient name
to_email	Recipient email
amount	Voucher amount

**Response:**

```
{  
    "success": "Success: You have modified your shopping cart!"  
}
```

---

## 7. Shipping

### Set Shipping Address

**Endpoint:** api/shipping/address

**Method :** POST

**Body(x-www-form-urlencoded):**

Key	Description
firstname	First name
lastname	Last name
address_1	Address line 1
city	City name
postcode	Postal code
country_id	Country ID
zone_id	Zone/State ID

**Response:**

```
{  
    "success": "Success: Shipping address has been set!"  
}
```

---

### Get Shipping Methods

**Endpoint:** api/shipping/methods

**Method :** POST

**Response Example:**

```
{  
    "shipping_methods": {  
        "flat": {  
            "title": "Flat Rate",  
            "quote": {  
                "flat": {  
                    "code": "flat.flat",  
                    "title": "Flat Shipping Rate",  
                    "cost": "5.00",  
                    "tax_class_id": "9",  
                    "text": "$8.00"  
                }  
            },  
            "sort_order": "1",  
            "error": false  
        }  
    }  
}
```

---

## Set Shipping Method

**Endpoint:** api/shipping/method

**Method :** POST

**Body(x-www-form-urlencoded):**

Key	Description
shipping_method	Shipping method code (e.g., flat.flat)

**Response:**

```
{  
    "success": "Success: Shipping method has been set!"  
}
```

---

## 8. Payment

### Set Payment Address

**Endpoint:** api/payment/address

**Method :** POST

**Body(x-www-form-urlencoded):**

Key	Description
firstname	First name
lastname	Last name
address_1	Address line 1
city	City name
country_id	Country ID
postcode	Post code
zone_id	Zone/State ID

**Response:**

```
{  
    "success": "Success: Payment address has been set!"  
}
```

---

## Get Payment Methods

**Endpoint:** api/payment/methods

**Method :** POST

**Response Example:**

```
{  
    "cod": {  
        "code": "cod",  
        "title": "Cash On Delivery",  
        "terms": "",  
        "sort_order": ""  
    }  
}
```

---

## Set Payment Method

**Endpoint:** api/payment/method

**Method :** POST

**Body(x-www-form-urlencoded):**

Key	Description
-----	-------------

<b>payment_method</b>	Payment method code (e.g., cod)
-----------------------	---------------------------------

**Response:**

```
{  
  "success": "Success: Payment method has been set!"  
}
```

---

## 9. Order

### Create Order

**Endpoint:** api/order/add

**Method :** POST

**Response:**

```
{  
  "success": "Success: You have modified orders!",  
  "order_id": 1  
}
```

---

### Get Order Info

#### Endpoints:

- /api/order/info
- /api/order/edit
- /api/order/delete
- /api/order/history

Information are missing from official Documentation

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