

# Database Setup

## PostgreSQL Setup

### 1. Create Database

```
CREATE DATABASE onmarket_db;  
CREATE USER onmarket_user WITH ENCRYPTED PASSWORD 'your_password';  
GRANT ALL PRIVILEGES ON DATABASE onmarket_db TO onmarket_user;
```

### 2. Database Models

The application uses Sequelize ORM with auto-sync. Models include:

- `store` - Store information
- `user_info` - User profiles
- `product` - Product catalog
- `cart` - Shopping carts
- `store_order` - Orders
- `balance_mutation` - Financial transactions
- `affiliate_account` - Affiliate accounts
- `affiliate_commissions` - Commission records
- `address_list` - Delivery addresses
- `bank_info` - Bank account information
- `review` - Product reviews
- `voucher` - Discount vouchers
- And many more...

### 3. Initial Data

- Categories
- Expedition methods
- Bank configurations
- Commission rates

## MongoDB Setup

### 1. Start MongoDB

```
mongod --dbpath /path/to/data/directory
```

### 2. Collections

MongoDB is used for:

- `store_chat` - Chat messages
- `store_chat_room` - Chat rooms

- `affiliate_category` - Affiliate categories
- `affiliate_clicks` - Click tracking
- `affiliate_links` - Affiliate link management
- `order_info_cached` - Order cache
- `shipping_info_cached` - Shipping cache
- `price_info_cached` - Price cache
- `expedition_count` - Delivery statistics

# Redis Setup

## 1. Start Redis

```
redis-server
```

## 2. Usage Redis is used for:

- Session management
- API response caching
- Rate limiting
- Bull queue jobs

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