

MikroTik API Management System

A web-based MikroTik API management system for managing routers, users, and network configurations via a simple admin panel.

Requirements

- PHP 7.4 or higher
- MySQL or MariaDB
- Apache or Nginx
- phpMyAdmin (recommended)
- Enabled PHP extensions: mysqli, curl, zip

Step 1: Upload Files

- Upload mikrotik.zip to your server.
- Place it inside your website root directory (public_html or /var/www/html).

Step 2: Extract Files

- Unzip mikrotik.zip.
- Ensure files are extracted directly into the root directory.

Step 3: Create Database

- Open phpMyAdmin.
- Create a new database named: api_mikrotik.
- Create a database user (recommended).
- Host: localhost.
- Assign user with all privileges.

Step 4: Import Database

- Open the api_mikrotik database.
- Click Import.
- Upload api_mikrotik.sql file.
- Click Go to complete import.

Step 5: Configure Database Connection

- Open config/database.php file.
- Update DB_HOST, DB_NAME, DB_USER, DB_PASS with your credentials.
- Save the file.

Step 6: Access Admin Panel

- Open your browser.
- Visit: <http://yourdomain.com/admin>
- Login using default admin credentials.

Security Recommendations

- Change default admin password immediately.
- Remove mikrotik.zip from server after installation.
- Set folder permission to 755 and file permission to 644.
- Protect config directory if possible.