Frappe Setup Guide

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This guide walks through the setup of Frappe from development to production, including key commands and configuration steps.

1. **Initial Setup (Development on Localhost)**

Step-by-step setup on local machine:

```bash
# System dependencies (Debian/Ubuntu)
sudo apt update
sudo apt install git python3-dev python3-setuptools python3-pip python3-venv libffi-dev libssl-dev wkhtmltopdf mariadb-server libmysqlclient-dev redis-server xvfb libfontconfig wkhtmltopdf

# Setup bench
pip install frappe-bench
bench init frappe-bench --frappe-branch version-14
cd frappe-bench

# Create new site
bench new-site dev.local

# Get ERPNext and LMS app
```

```
bench get-app erpnext --branch version-14

bench get-app lms https://github.com/frappe/lms.git


# Install apps on site

bench --site dev.local install-app erpnext

bench --site dev.local install-app lms


# Start development server

bench start
```

2. **Accessing Application**

- Desk: `http://localhost:8000/app`

- Website: `http://localhost:8000/lms/courses`

3. **Custom JS/CSS Files**

Edit CSS in:
```

apps/lms/frontend/src/index.css

```

To rebuild:
```bash

cd apps/lms/frontend

yarn

yarn build
```

```
```

4. **Bulk User Import**

- Go to `http://localhost:8000/app/data-import`

- Select `User` as Document Type

- Choose `Insert New Records`

- Download Template, fill users, upload as CSV

- Ensure scheduler is enabled:

```bash
bench --site dev.local enable-scheduler
```

5. **Enable Email Setup**

Configure email under `Email Account`:

SMTP Settings (Outlook):

- SMTP Server: smtp-mail.outlook.com

- Port: 587

- Use TLS: Yes

- Username: your_email@domain.com

- Password: your_email_password (App Password recommended)

- Enable Outgoing: Yes

To test email:

- Send test email via Email Account > Actions > Send Test Email

- Check `/app/email-queue` for delivery logs

6. **Production Deployment**

```bash
# On production server:

sudo apt install nginx supervisor

bench setup production your-user-name
```

7. **Access Production Site**

If installed correctly:

- `http://your-server-ip:8000` for website

- `http://your-server-ip:8000/app` for desk

If SSH fails to connect:

- Ensure port 22 is open in the firewall

- Check SSH is enabled on the production server

8. **Helpful Commands**

```bash
# Get site name

ls sites/

# Enable Scheduler

bench --site your-site-name enable-scheduler
```

View Scheduler Status

bench --site your-site-name execute frappe.utils.scheduler.get_scheduler_status

Rebuild frontend

cd apps/lms/frontend && yarn && yarn build

Migrate changes

bench --site your-site-name migrate

```

End of Guide.