# CKAN Setup – Quick Reference (Windows + Docker Desktop)

## 1. Install Docker Desktop

• Download: https://docs.docker.com/desktop/setup/install/windows-install/

• Verify installation:

docker --version

## 2. Clone CKAN Repository

git clone https://github.com/ckan/ckan  
cd ckan

## 3. Configure Environment Variables

• Rename `.env.example` → `.env`

## 4. Start Docker Containers

docker-compose up -d

• Verify containers:

docker-compose ps

## 5. Ports Used by CKAN Services

• CKAN Web Interface → http://localhost:8443/

• PostgreSQL (database) → 5432

• Solr (search engine) → 8983

• Redis (cache & queue) → 6379

## 6. Access CKAN UI

• Open browser: http://localhost:8443/

## 7. Create Admin User

Access CKAN container:

docker-compose exec ckan bash

Create admin user:

ckan -c /etc/ckan/production.ini sysadmin add admin email=admin@example.com name=admin password=YOUR\_PASSWORD

Exit container:

exit

## 8. Login

• URL: https://localhost:8443/user/login

• Use admin credentials created above.

## ✅ Done!

CKAN is now up and running with your admin account.