

01. Docker Installation

Official Installation Page: [Authentik Docker Installation](#)

Again as usual we will leverage Dockge to install Authentik on our Docker VM that we have created in our Proxmox Server. If you have not done this yet then please go to [Docker VM Install](#).

1. The first thing we do is set the values for our reverse proxy. By default, Authentik listens internally on port 9000 for HTTP and 9443 for HTTPS. However, if you want to change that you can do that in the environment variables file below.

2. Since, Authentik supports HTTPS we will then also use HTTPS for our Caddy reverse proxy entry

<https://authentik.example.org> ---> <https://IP-Address-Docker-VM:9443>

3. According to the documentation we can obtain the docker compose file with the following command

```
wget https://docs.goauthentik.io/compose.yml
```

Docker Compose File

```
services:
  postgresql:
    env_file:
      - .env
    environment:
      POSTGRES_DB: ${PG_DB:-authentik}
      POSTGRES_PASSWORD: ${PG_PASS:?database password required}
      POSTGRES_USER: ${PG_USER:-authentik}
    healthcheck:
      interval: 30s
      retries: 5
      start_period: 20s
      test:
        - CMD-SHELL
```

```
- pg_isready -d ${POSTGRES_DB} -U ${POSTGRES_USER}
timeout: 5s
image: docker.io/library/postgres:16-alpine
restart: unless-stopped
volumes:
  - ./database:/var/lib/postgresql/data
server:
  command: server
  depends_on:
    postgresql:
      condition: service_healthy
  env_file:
    - .env
  environment:
    AUTHENTIK_POSTGRESQL__HOST: postgresql
    AUTHENTIK_POSTGRESQL__NAME: ${PG_DB:-authentik}
    AUTHENTIK_POSTGRESQL__PASSWORD: ${PG_PASS}
    AUTHENTIK_POSTGRESQL__USER: ${PG_USER:-authentik}
    AUTHENTIK_SECRET_KEY: ${AUTHENTIK_SECRET_KEY:?secret key required}
  image: ${AUTHENTIK_IMAGE:-ghcr.io/goauthentik/server}:${AUTHENTIK_TAG:-2026.5.2}
  ports:
    - ${COMPOSE_PORT_HTTP:-9000}:9000
    - ${COMPOSE_PORT_HTTPS:-9443}:9443
  restart: unless-stopped
  shm_size: 512mb
  volumes:
    - ./data:/data
    - ./custom-templates:/templates
worker:
  command: worker
  depends_on:
    postgresql:
      condition: service_healthy
  env_file:
    - .env
  environment:
    AUTHENTIK_POSTGRESQL__HOST: postgresql
    AUTHENTIK_POSTGRESQL__NAME: ${PG_DB:-authentik}
    AUTHENTIK_POSTGRESQL__PASSWORD: ${PG_PASS}
```

```

AUTHENTIK_POSTGRESQL__USER: ${PG_USER:-authentik}
AUTHENTIK_SECRET_KEY: ${AUTHENTIK_SECRET_KEY:?secret key required}
image: ${AUTHENTIK_IMAGE:-ghcr.io/goauthentik/server}:${AUTHENTIK_TAG:-2026.5.2}
restart: unless-stopped
shm_size: 512mb
user: root
volumes:
  - /var/run/docker.sock:/var/run/docker.sock
  - ./data:/data
  - ./certs:/certs
  - ./custom-templates:/templates

```

4. We then grab this docker compose file and copy paste it into our Dockge container and change the following. Most of the docker compose file can stay in tact but if you are like me and want to keep all files for one project in one folder then you should remove the docker database volume and replace it with ./database.

5. Next is creating an environment file that serves the values requested in the compose file

```

PG_DB=ksjdfkjslkdfjlkoi3oi
PG_PASS=skdjf23r98ir0u398t34hj f9
PG_USER=soidfj039jf9jf988384j34f
AUTHENTIK_SECRET_KEY=jsjdfkjslfj0i3jf0u90u39u9iu9jjf
AUTHENTIK_IMAGE=ghcr.io/goauthentik/server
AUTHENTIK_TAG=2026.5.2
COMPOSE_PORT_HTTP=9001
COMPOSE_PORT_HTTPS=9444

# SMTP server
AUTHENTIK_EMAIL__HOST=smtp.porkbun.com
AUTHENTIK_EMAIL__PORT=587
# Optionally authenticate (don't add quotation marks to your password)
AUTHENTIK_EMAIL__USERNAME=dp@p2pnode.org
AUTHENTIK_EMAIL__PASSWORD=PuV9#@pUca49C70e2V46&keg
# STARTTLS / explicit TLS, usually on port 587
AUTHENTIK_EMAIL__USE_TLS=true
# Implicit TLS/SSL on the SMTP connection (`USE_SSL` is the variable name), usually on port
465

```

```
AUTHENTIK_EMAIL__USE_SSL=false  
AUTHENTIK_EMAIL__TIMEOUT=10  
# Sender email address; verify that the domain is valid.  
AUTHENTIK_EMAIL__FROM=dp@p2pnode.org
```

6. If that is all set we can deploy our setup and go to the domain name you have set for your Authentik server.

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